RECORD OF PROCEEDINGS

OF THE

BOARD OF TRUSTEES

OF THE

OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1980 to June 30, 1981
1980-1981

THE OHIO STATE UNIVERSITY

Harold L. Enarson, President

BOARD OF TRUSTEES

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<thead>
<tr>
<th>Name</th>
<th>Term Beginning</th>
<th>Term Expiring</th>
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<tr>
<td>Patricia D. James, Cleveland</td>
<td>July 18, 1972</td>
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<td>Chester Devenow, Toledo</td>
<td>May 14, 1973</td>
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<td>Warren J Smith, Columbus</td>
<td>January 6, 1975</td>
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<td>John D. Jacob, Columbus</td>
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<td>Donald James Hilliker, Bellefontaine</td>
<td>May 14, 1976</td>
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<td>John F. Havens, Delaware</td>
<td>May 14, 1977</td>
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<td>Daniel M. Galbreath, Columbus</td>
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<td>Edmund C. Redman, Columbus</td>
<td>May 14, 1979</td>
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<td>Leonard J. Immke, Columbus</td>
<td>May 14, 1980</td>
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<tr>
<td>John W. Berry, Dayton</td>
<td>May 14, 1981</td>
<td>May 13, 1990</td>
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OFFICERS

Chester Devenow, Chairman
Warren J Smith, Vice Chairman
Madison H. Scott, Secretary
Richard D. Jackson, Acting Treasurer
The Board of Trustees met at its regular monthly meeting on Friday, July 11, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
July 11, 1980 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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 personnel-related issues.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 81-1

Synopsis: Resolutions honoring the service of four of this 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. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Ernest R. Godfrey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 12, 1980, of Ernest R. Godfrey, Professor Emeritus in the School of Health, Physical Education, and Recreation.

Ernest R. Godfrey was a member of The Ohio State University Department of Athletics from 1929 until his retirement in June, 1962. During this 33-year period, he was always identified with the intercollegiate football program. As a coach, counselor, and coordinator of the work program for athletes, Mr. Godfrey was a positive influence on over 3,000 student athletes at Ohio State. Through his efforts in the job program, countless student athletes were able to finance educational costs and earn degrees.

Mr. Godfrey was born April 19, 1892 in Dover, Ohio. He entered Ohio State University in the Fall of 1911 and graduated in 1915 with a B.A. degree. As an undergraduate, he played football and basketball. After college, he coached football at Wooster High School in 1915, and the following year became athletic director and head football coach at Wittenberg College. He served in the U. S. Army for two years in World War I but returned to Wittenberg after his discharge in 1919. During the 11-year period at Wittenberg, Mr. Godfrey’s football teams won 63 and lost 24, while his basketball teams compiled a 95-65 record.

In 1929, he came to Ohio State and began a long and distinguished career as a successful and well-respected assistant football coach and administrator. He became a national authority on the art of place-kicking, developing a number of great place-kickers at Ohio State. He was in great demand as a clinic speaker and lecturer on this specialty.
July 11, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ernest R. Godfrey (contd)

Mr. Godfrey was inducted into the National Football Foundation and Hall of Fame in 1972. The largest single Hall of Fame chapter in the nation, in Columbus, Ohio, is named after him.

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.

Preston M. Harris

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 11, 1980, of Preston M. Harris, Professor Emeritus in the Department of Chemistry.

Professor Harris was born in Springfield, Ohio, on March 28, 1902. He began his professional career at Wittenberg College where he obtained the A.B. degree in 1924. He earned M.A. and Ph.D. degrees in Chemistry at The Ohio State University in 1925 and 1928, respectively. He held teaching appointments at Kansas State University in 1925-26 and at Ohio Northern University in 1927-28. After completing the Ph.D. degree, Dr. Harris was appointed as a National Research Fellow in Physics at the University of Chicago in 1929. Subsequently, he was a Research Associate at Princeton University in 1930, a Loomis Institute Fellow in 1931, and a Research Associate at Ohio State from 1932-34. He was appointed as Instructor in Chemistry at Ohio State in 1934, promoted to Assistant Professor in 1938, Associate Professor in 1942, and Professor in 1945. During 1943-45, Dr. Harris worked on the Manhattan District Project for the University of California. He retired from the Department of Chemistry in 1972; he then was appointed Professor Emeritus by the Board of Trustees at The Ohio State University.

Professor Harris' research was concerned with pioneering methods for the determination of crystal structures by x-ray and neutron diffraction. As a part of that research, Professor Harris and his students developed explanations for the process of crystallization, order-disorder transformations in solids, and charge distributions and vibrations of lithium salts in the solid state. He also developed a photo cell for the Army's Engineering, Research, and Development Laboratory.

Dr. Harris was a member of the American Physics Society, the American Crystallographic Society, Sigma Xi, and he was elected as an associate member of the Phi Lambda Upsilon and Gamma Alpha honoraries.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.
RESOLUTIONS IN MEMORIAM (contd)

Richard B. Hull

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 15, 1980, of Richard B. Hull, Professor Emeritus in the Department of Communication.

Professor Hull was born February 14, 1914, in Charles City, Iowa, and received his bachelor of science degree from Iowa State College in 1938. He later attended the Army Special Training Unit at Oregon State College and served with the U. S. Army Signal Corps during World War II.

A member of the Ohio Educational Television (now Broadcasting) Network Commission from its creation in 1961, he served as its only chairman until the expiration of his fourth term in 1976. It was in his honor that the name of the Network Operations, Tape Dupli-
cating, and Switching Center in Columbus was changed in late 1975 to the Richard B. Hull Operations Center.

Professor Hull was associated with journalism and speech faculties at Iowa State University and with the communication and education faculties at The Ohio State University. While at Iowa State, from 1941 to 1955, he was director of WOI Radio and was cited for his leadership in the development of WOI-TV, the first college-owned commercial television channel in the country. Immediately before joining the Ohio State faculty in 1956, he headed a national one-year study of educational television sponsored by the Ford Foundation Fund for Adult Education on behalf of the National Educational Television and Radio Center. In 1975, he retired as director of the Telecommunications Center.

Professor Hull was the first executive director of the Joint Council on Educational Television. He also served as president of the Ohio Council on Educational Television and as vice-chairman of the Ohio Governor’s Interim Commission on Educational Television.

He was a member of the board of directors of the National Educational Television and Radio Center in New York City, a member of the instructional technology committee of the North Central Association of Colleges and Secondary Schools, and was chairman of the Great Plains National Instructional Television Library Advisory Board. He also served as president and board chairman of the National Association of Educational Broadcasters (NAEB), and represented the NAEB at a 76-nation International Conference on School Broadcasting in Rome in 1962 and in Tokyo in 1964 where he served as chairman of the commission on correspondence study.

Among the many awards and citations he received during his career in educational broad-
casting were the 1972 “Broadcast Citizen of the Year” award from Miami University (Ohio) Telecommunications Center; the “Distinguished Public Service Award” for leadership as chairman of the Ohio Educational Television Network Commission, from Ohio University in 1973; and a “Special Award for Distinguished Service” from the Central Educational Net-
work in 1976.

On behalf of the University, the Board of Trustees expresses to the family its deep symp-
athy 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.
The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 21, 1980, of Alva M. Tuttle, Associate Professor Emeritus, Department of Economics.

Dr. Tuttle was a native of Indiana and lived there until completing his bachelor's degree at Butler University in 1923. He received the Master of Arts degree from the State University of Iowa in 1928, and the Ph.D. degree in economics from Ohio State University in 1947.

Professor Tuttle began his teaching career at the University of Wisconsin, where he taught from 1929 to 1933. He subsequently served the federal government as an economic statistician for nine years. He then came to Ohio State University in 1943 and remained an active teacher and scholar until his retirement in 1966.

Professor Tuttle published numerous articles in professional journals. He also published an introductory text in business and economic statistics which was used in published and unpublished form by a generation of students in the College of Administrative Science. Dr. Tuttle firmly believed that "practice is the way to learn statistical techniques." For over 20 years those who passed through his laboratory course learned well the real meaning of that pedagogical philosophy.

Dr. Tuttle was active in the affairs of the American Statistical Association and served for several years on its board of directors. He also was a member of and active supporter of the campus chapter of Beta Gamma Sigma.

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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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY
Resolution No. 81-2

Synopsis: Amendments to the Rules of the University Faculty 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 Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on June 7, 1980, as follows:
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-612 Committee on women and minorities.

(A) The committee on women and minorities shall consist of eleven members as follows:

(1) Six members of the university faculty;
(2) One undergraduate student;
(3) One graduate student;
(4) One professional student;
(5) Vice provost for minority affairs, or his designee, non-voting;
(6) The director of affirmative action, or his designee, non-voting.

3335-7-23 Alteration of marks.

(A) A mark filed in the office of registration, records and scheduling 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 chairman,
(3) The director of the instructor's school, if applicable,
(4) The dean of the instructor's college, and
(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 chairman to discuss the grade grievance. The chairman shall respond to the student no later than thirty days after the student has requested a review by the chairman. Upon receipt of the chairman'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
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

the instruction unit and the department chairman 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 grievances due to grading procedures shall be reviewed by a faculty departmental committee appointed by the department chairman.

(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 chairman.

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 chairman.

(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 chairman.

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.

(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 chairman 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 chairman indicating any recommended grade changes. The department chairman shall be authorized to institute grade changes in accordance with the recommendations of the committee.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

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.

(D) The graduate school and graduate professional colleges may formulate appropriate modifications of this rule, subject to the approval of the council on academic affairs, and publish this rule in their bulletins.

3335-9-30 Requirements for an undergraduate baccalaureate degree.

To obtain an undergraduate baccalaureate degree from this university, an undergraduate student must:

(A) Have earned a minimum of forty-five quarter hours credit through regular course enrollment at this university.

(B) Have been enrolled in the college, the colleges of the arts and sciences, or the school recommending that degree during the last quarter necessary to complete degree requirements. The executive committee of the college, the colleges of the arts and sciences, or the school recommending the degree may, on petition by the student, waive this requirement.

(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 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 director of registration, records and scheduling for notation on the student’s permanent record.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to Rules of the University Faculty be adopted by the Board of Trustees for inclusion in the next publication of the Rules of the University Faculty.

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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MERGER OF DIVISIONS OF MEDICINAL CHEMISTRY AND PHARMACOGNOSY/ NATURAL PRODUCTS CHEMISTRY - COLLEGE OF PHARMACY
Resolution No. 81-3

Synopsis: The merger of two divisions in the College of Pharmacy is being proposed.
MERGER OF DIVISIONS OF MEDICINAL CHEMISTRY AND PHARMACOGNOSY/ NAXURAL PRODUCTS CHEMISTRY - COLLEGE OF PHARMACY (contd)

WHEREAS the College of Pharmacy has requested the present Division of Medicinal Chemistry and Division of Pharmacognosy/Natural Products Chemistry be united in a single administrative unit entitled Division of Medicinal Chemistry and Pharmacognosy; and

WHEREAS the teaching, research, and service activities of the two divisions are complementary; and

WHEREAS unification will reduce administrative and committee commitments for the faculty of the divisions; and

WHEREAS existing curricula will continue for the present; and

WHEREAS the Council on Academic Affairs has approved the proposed merger:

NOW THEREFORE

BE IT RESOLVED, That the merger of two divisions of the College of Pharmacy—the Divisions of Medicinal Chemistry and Pharmacognosy/Natural Products Chemistry be united as a single administrative unit to be known as the Division of Medicinal Chemistry and Pharmacognosy, as recommended by the University Senate, June 7, 1980, be approved.

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

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NEW DEGREE PROGRAM - BACHELOR OF SCIENCE IN AVIATION
Resolution No. 81-4

Synopsis: Bachelor of Science in Aviation degree is proposed.

WHEREAS the Department of Aviation has requested approval of the baccalaureate degree, Bachelor of Science in Aviation; and

WHEREAS the proposal has received the approval of the appropriate faculty and administrative councils and committees in the College of Engineering; and

WHEREAS the objective of the program is to prepare graduates to participate as professionals in the air transportation industry and in aviation-related government agencies; and

WHEREAS student interest in an aviation degree is substantial and growth projections in the air transportation industry forecast numerous employment opportunities; and

WHEREAS existing faculty, courses, equipment, and space are adequate to the present needs of such a degree program; and
NEW DEGREE PROGRAM - BACHELOR OF SCIENCE IN AVIATION (contd)

WHEREAS the Council on Academic Affairs has carefully examined the proposal submitted by the Department of Aviation and has approved same:

NOW THEREFORE

BE IT RESOLVED, That the foregoing proposal from the University Senate, which was approved June 7, 1980, be adopted.

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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NEW PROFESSIONAL DEGREE PROGRAM - DOCTOR OF PHARMACY

Resolution No. 81-5

Synopsis: A new professional degree program - Doctor of Pharmacy is being proposed.

WHEREAS the College of Pharmacy has requested approval to offer a new post-baccalaureate professional degree, the Doctor of Pharmacy; and

WHEREAS the Doctor of Pharmacy degree will provide a clinical practice curriculum not presently available in either the baccalaureate or master's programs offered by the College of Pharmacy; and

WHEREAS the Doctor of Pharmacy degree is offered in many other universities and colleges and has acceptance in the profession, and employment opportunities for post-baccalaureate Doctor of Pharmacy graduates are varied and generally excellent; and

WHEREAS faculty and other resources currently existing in the College will be used to support the new program; and

WHEREAS the Council on Academic Affairs has examined the proposed program carefully and given its approval:

NOW THEREFORE

BE IT RESOLVED, That the proposal, as approved by the University Senate on June 7, 1980, be adopted by the Board of Trustees.

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

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NAMING OF CHADWICK ARBORETUM
Resolution No. 81-6

Synopsis: Naming of horticultural gardens adjacent to Agricultural Administration Building is proposed.

WHEREAS Professor Emeritus L. C. Chadwick is recognized as one of the most preeminent plantsmen in America; and

WHEREAS Professor Chadwick was employed for 38 years in the Department of Horticulture and was engaged in teaching, research, and extension; and

WHEREAS it is now desired to designate the present horticultural gardens and other areas within the agricultural complex to recognize some of the outstanding accomplishments of Professor Chadwick, who was responsible for tree plantings throughout the campus:

NOW THEREFORE

BE IT RESOLVED, That the present horticultural gardens near West Lane Avenue and Fyffe Road (adjacent to the Agricultural Administration Building) and areas of garden expansion be designated as the Chadwick Arboretum and that appropriate labeling of campus trees be accomplished.

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

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APPOINTMENT OF TRUSTEES TO THE OHIO LEGAL CENTER
Resolution No. 81-7

Synopsis: A recommendation for appointment of two trustees to The Ohio Legal Center is proposed.

WHEREAS in compliance with the Code of Corporate Regulations of The Ohio Legal Center, the Board of Trustees of The Ohio State University approves appointment of trustees from the faculty membership of the College of Law; and

WHEREAS Professor L. Orin Slagle, Jr., will be terminating his service in the College of Law and Professor Lawrence Herman has indicated his desire to be relieved of membership as trustee of The Ohio Legal Center:

NOW THEREFORE

BE IT RESOLVED, That Professor Claude R. Sowle and Assistant Dean Robert Carter be appointed as trustees of The Ohio Legal Center, effective July 1, 1980.

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

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July 11, 1980 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 81-8

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 August 29, 1980, 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. Havens, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REVISED BUDGET 1980-81

Resolution No. 81-9

Synopsis: A revised Current Funds Budget for 1980-81 is proposed.

President Enarson:

Next is the matter of the revised budget for 1980-81. This matter was presented by Dr. Vandament this morning—it took the better part of an hour. Most of the Trustees were there, although not everyone. Briefly, the Board adopted the budget the very day that the Governor had announced a 3 per cent cut. The heart of the matter is our recommendation that we, in effect, divide the pain on this, and what we are proposing is a three-part program. One is a $10 per quarter increase in the instructional fee, the second part is cancellation of the hoped-for mid-year increase of 3 per cent averaged over all the faculty, and third is a commitment for cutting on the unrestricted funds budget on the order of—what is it—$1,790,000. The students’ share of the cost of instruction averages roughly 28-30 per cent; that’s roughly the proportion which is reflected here. I am sure Dr. Vandament will be pleased to respond to any questions that anyone may have. This was acted upon by the committee and should be presented by its chairman.
July 11, 1980 meeting, Board of Trustees

REVISED BUDGET 1980-81 (contd)

Introduction. The 3 percent cut in State support for the University, announced by the Governor on June 12, will result in an income loss of $5.42 million for 1980-81, with the Unrestricted General Funds absorbing $4.35 million of the total loss. In this proposed budget revision, the burden of this cut is shared by the students and the programs of the University.

It is proposed that instructional fees be increased an additional $10 per quarter, resulting in a total instructional fee increase of $30 per quarter in 1980-81. This increase honors the commitment made in March, prior to our knowledge of any State funding loss, to limit the undergraduate fee increase to $30. This $10 increase will replace $1.2 million, or 28 percent, of the loss and parallels the 28 percent share of the Unrestricted General Funds provided by student fees in the original 1980-81 Budget. The University will make expenditure cuts totaling $3.15 million to cover the remaining 72 percent of the Unrestricted Funds loss.

The University’s 1980-81 Current Funds Budget was presented to, and adopted by, the Board on June 12, 1980. On that same day, the Governor announced that a shortfall in State revenues would result in a cut of 3 percent in the funds provided in 1980-81 for the State’s agencies and programs. This revised University budget contains a proposed plan of action in response to that reduction of State support.

The 3 percent reduction from previous appropriation levels will have the following effects on the 1980-81 University budget adopted on June 12.

| Unrestricted General Funds (Columbus) | -$4,354,300 |
| Regional Campuses | - $194,900 |
| Cooperative Extension Service | - $203,700 |
| University Hospitals | - $387,800 |
| Other Designated Activities (e.g., Labor Education and Research) | - $274,600 |
| **TOTAL** | **-$5,415,300** |

Plans for budget cuts are being prepared in each of the areas listed above. This budget revision for 1980-81 contains those changes that must be made in the projected expenditures and income of all the affected units.

The adjustments to the Unrestricted General Funds require special attention because these funds—formed by pooling State Instructional Subsidies, student fees, and other unrestricted income—provide the primary support for the academic and administrative support programs of the Columbus Campus. The 3 percent cut in State Instructional Subsidies will reduce the Unrestricted General Funds by $4.35 million from its current base of $236.6 million. The Unrestricted General Funds Budget for 1980-81 adopted on June 12 fell far short of meeting inflationary costs faced by the University—containing an increase of only 6.1 percent, or $13.5 million, from the 1979-80 level—and relied heavily on savings made during the 1979-80 fiscal year. Adjustment to the $4.35 million loss in State support will obviously be difficult.
The following proposed budget revisions distribute the effects of the loss in State support among the three interrelated aspects of the University's budget--student fees, faculty/staff compensation, and program support.

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<th>Description</th>
<th>Income/Savings Gain</th>
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<tr>
<td>Increase Instructional Fees by $10 per Quarter</td>
<td>$1,325,000</td>
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<tr>
<td>Less: Increased Student Compensation</td>
<td>125,000</td>
</tr>
<tr>
<td>Net Fee Income</td>
<td>$1,200,000</td>
</tr>
<tr>
<td>Eliminate 3 Percent Midyear Salary Increase</td>
<td>1,360,000</td>
</tr>
<tr>
<td>Retrench College and Office Program Support</td>
<td>1,790,000</td>
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<tr>
<td>TOTAL</td>
<td>$4,350,000</td>
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The preceding actions will replace $1.2 million of the $4.35 million income loss through student fees, and result in a decrease of approximately $3.15 million in unrestricted income and expenditure from the 1980-81 budget. With these adjustments, changes in the Unrestricted General Funds expenditures from 1979-80 levels will be as follows:

<table>
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<th>Description</th>
<th>Estimate 1979-80</th>
<th>Proposed 1980-81</th>
<th>Increase</th>
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<td>Student Fees.</td>
<td>$222,845,200</td>
<td>$233,323,400</td>
<td>+$10,478,200 +4.7%</td>
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| Midyear Salary Increases. | The budget adopted on June 12 contained provisions for a 3 percent across-the-board increase in faculty and administrative and professional staff salaries to be effective at midyear. This portion of the budget was adopted with the understanding that it would be implemented if earlier projections of revenue were upheld. Given the shortfall in State funding, and indications that inflation rates may be lower than originally projected, it is proposed that the salary issue be the subject of continuing study during the year.
July 11, 1980 meeting, Board of Trustees

REVISED BUDGET 1980-81 (contd)

Retrenchment of Program Support. Studies are currently in progress to reduce expenditures in offices and colleges by $1.8 million. The information compiled in the development of the 1980-81 budget is under extensive review in the Office of Academic Affairs and the Office of Finance and Planning. Following this review, sessions to revise the budget will be scheduled with the Vice Presidents and Deans. We will place a high priority on protecting core academic and support activities in developing a retrenchment plan that will be announced in September. However, no administrative or academic unit can be immune from close examination during this activity.

We will provide further information to the Board on our fiscal status at its September meeting.

WHEREAS the Board of Trustees adopted the Current Funds Budget for 1980-81 in June, 1980 with the understanding that a reduction in State support might necessitate later revisions; and

WHEREAS a reduction of 3 percent in funds provided by the State has been announced:

NOW THEREFORE

BE IT RESOLVED, That the following Revised Budget for the fiscal year 1980-81, including a revised schedule of fees, be approved.

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

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1980-81
(IN THOUSANDS)

<table>
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### THE OHIO STATE UNIVERSITY

**1980-81 CURRENT FUNDS BUDGET**

**BUDGETED EXPENDITURES FOR 1980-81**

(IN THOUSANDS) (contd)

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July 11, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET

SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET
(IN THOUSANDS)

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**Regional Campuses**

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## SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980

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### Schedule of Student Fees, Effective Autumn Quarter, 1980 (contd)

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<td>60</td>
<td>455</td>
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</table>
July 11, 1980 meeting, Board of Trustees

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being $58 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being $58 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

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HONORARY DEGREE

Resolution No. 81-10

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:

Marshall D. Shulman  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. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 11, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 81-11

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; New and/or Reappointment of Chairmen of Departments and Division and Director of School; 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 June 12, 1980 meeting of the Board, including the following Appointments; New and/or Reappointment of Chairmen of Departments and Division and Director of School; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

Appointments

Name: CHESTER C. WINTER
Title: Professor (Louis Levy Professor)
Department: Surgery
Effective: July 1, 1980
Salary: $35,040.00 (12-month)
Present Position: Professor, Department of Surgery

Name: SIDNEY D. JEFFE
Titles: Director, Transportation Research Center of Ohio, Engineering Experiment Station, and Adjunct Professor, Department of Mechanical Engineering
Effective: Immediately
Salary: $51,960.00 (12-month)
Present Position: Vice President of Engineering, Chrysler Corporation

New and/or Reappointment of Chairmen of Departments and Division and Director of School

July 1, 1980 through June 30, 1984

Agronomy: Berlie L. Schmidt
Food Science and Nutrition: Thorvald Kristoffersen
Home Economics Education: Lena M. Bailey
Natural Resources: Gordon E. Gatherum
Textiles and Clothing: Lois E. Dickey

October 1, 1980 through September 30, 1982

1Comparative Studies: Marilyn R. Waldman

October 1, 1980 through September 30, 1981

2Labor and Human Resources: Samuel C. Kelley

1New Appointment
2Acting Chairman
Leaves of Absence Without Salary

LINNEA ANDERSON, Associate Professor, School of Allied Medical Professions, effective July 1, 1980 through August 31, 1980, to do professional writing.

MICHAEL L. BENEDICT, Associate Professor, Department of History, effective January 1, 1981 through March 31, 1981, to accept a Visiting Professorship at Massachusetts Institute of Technology.

WALTER D. CRAIG, Associate Professor, Department of Photography and Cinema, effective Summer Quarter 1980, Winter Quarter 1981, and Spring Quarter 1981, to accept a position as Coordinator of Faculty Development at Mount Mercy College, Cedar Rapids, Iowa.

JERRY F. DOWNHOWER, Associate Professor, Department of Zoology, effective October 1, 1980 through September 30, 1981, to serve as Program Director for the Population Biology and Physiological Ecology Program, Division of Biological Sciences, National Science Foundation, Washington, D. C.

RONALD L. ERNST, Associate Professor, Department of Computer and Information Science, to accept a Visiting Associate Professorship of Computer Science at North Carolina State University.

MARY S. BREESE, Assistant Professor, School of Allied Medical Professions, effective July 1, 1980 through August 31, 1980, for personal reasons.

KATHERINE HOCH, Assistant Professor, Department of English, effective July 1, 1980 through September 30, 1980, to do research.

DAPHNE C. HSUEH, Instructor, University Libraries, effective July 1, 1980 through August 31, 1980, to do research.

Professional Improvement Leave

JOHN D. BRIGGS, Professor, Department of Entomology, effective Autumn Quarter 1980 and Winter Quarter 1981.

Emeritus Titles

PAUL C. LEIDHEISER, Cooperative Extension Service, with the title Professor Emeritus, effective August 1, 1980.

TING Y. LI, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective July 1, 1980.

HOWARD R. SHOWALTER, Cooperative Extension Service, with the title Professor Emeritus, effective August 1, 1980.

ROBERT C. KIRK, Department of Medicine, with the title Clinical Associate Professor Emeritus, effective July 1, 1980.
July 11, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

FRANK J. LONGO, College of Social Work, with the title Associate Professor Emeritus, effective July 1, 1980.

RUTH J. SCOTT, Department of Psychology (Newark Campus), with the title Associate Professor Emeritus, effective August 1, 1980.

RUTH H. WHEELER, School of Health, Physical Education and Recreation, with the title Associate Professor Emeritus, effective July 1, 1980.

VICTOR W. HOFFMAN, Academic Faculty of Industrial Technology, with the title Assistant Professor Emeritus, effective July 1, 1980.

FRANCES HINMAN, Cooperative Extension Service, with the title Instructor Emeritus, effective July 1, 1980.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-12

Synopsis: The report on contracts, grants, and gifts and the summary for May 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of May, 1980, be approved.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY 1980

<table>
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<tr>
<th>Source</th>
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Establishment of Named Funds

- The Chair in Food Industries
  (College of Agriculture and Home Economics) $21,000.00
- The Virgil Overholt Drainage Education and Research Fund
  (Department of Agricultural Engineering) $19,534.49
- The Earl Weaver Memorial Fund
  (College of Agriculture and Department of Ophthalmology) $8,000.00
- The Professorship in Plant Protection
  (College of Agriculture and Home Economics) $5,600.00

Change in Description of Named Fund

- The Partners and Employees of Price Waterhouse Endowment Fund
  (Amended in accordance with request of donor)

Report from Presidents Club

- Members to date: 4,388
- 1980: year to date: 1,002
- New members - May 1980: 11

New Presidents Club Members - May 1980

- Fredericck V. L. Caldwell: Ronald J. Kaplansky
- Elisabeth Ecke: Stephen H. Lipson
- Sheila D. Feinstein (Mrs. Donald L.): Mary E. Ogle
- John T. Heibel: Glenn R. Pirtle
- Janice L. Hickey (Mrs. Jack W.): Marvin D. Steed
- Timothy L. Hooper

Anthony S. Elia, New Presidents Club Member - April 1980, withdrew.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

$1,080.00 - Tennessee Valley Authority, Norris, Tennessee, Participation in Academic Enrichment Program, School of Natural Resources, June 16, 1980 through September 5, 1980.

$975.00 - Tennessee Valley Authority, Norris, Tennessee, Participation in Academic Enrichment Program, School of Natural Resources, May 20, 1980 through September 1, 1980.

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $ 2,055.00

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$692,953.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (M. Borus and H. Parnes), 1 October 1979 through 30 September 1980. (Project 760081 · Continuation)

$153,675.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Vocational Technical Education Leadership Development, Graduate School - Administration (J. B. LaPidis) and Academic Faculty of Vocational-Technical Education (A. J. Miller), 1 September 1980 through 31 August 1981. (Project 761272 · Continuation)

$121,180.00 - Department of Health, Education, and Welfare, 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 (A. Koestner) and Department of Physiological Chemistry (L. Horrocks), 1 May 1980 through 30 April 1981. (Project 762797 · Continuation)

$107,760.00 - Environmental Protection Agency, Washington, D. C., DNA Damage in Human Lymphocytes as Indicators of Carcinogen Exposure, Department of Radiology (S. M. D’Ambrosio) and Department of Medicine (R. L. Whisler), 1 May 1980 through 30 April 1981. (Project 762158 · New)

$99,521.00 - Tennessee Valley Authority, Chattanooga, Tennessee, Coal Pile Electromagnetic Sensing Research, Department of Electrical Engineering, Electro-Science Laboratory (J. Young), 17 April 1980 through 16 April 1981. (Project 762162 · New)
July 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$93,741.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Physiology and Histopathology of Arterialized Vein Grafts, Department of Surgery (J. S. Vasko and J. F. Cornhill), 1 May 1980 through 30 April 1981. (Project 764036 - Continuation)


$79,624.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1980 through 31 August 1981. (Project 761850 - Continuation)

$74,800.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1980 through 30 June 1981. (Project 762189 - Continuation)

$67,786.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunotherapy of Experimental Lung Cancer, Department of Microbiology and Cancer Research Center (B. S. Zwilling), 1 August 1980 through 31 July 1981. (Project 760172 - Continuation)

$66,387.00 - 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 1980 through 31 August 1981. (Project 761767 - Continuation)

$65,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scattering of Acoustic Waves by Finite Cylindrical Elastic Shells Immersed in Water, Department of Mechanics (V. K. Varadan and V. V. Varadan), 1 May 1980 through 30 April 1981. (Project 762148 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$62,626.00 - Environmental Protection Agency, Washington, D. C., Synergistic Effects of Short-Sized Chrysotile Fibers With Benzopyrene, Department of Radiology (R. E. Stephens), 1 May 1980 through 30 April 1982. (Project 762154 - New)

$61,740.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Polymerized Tumor Antigen-Adjuvant Immunotherapy, Department of Medicine (J. A. Neidhart), 1 July 1980 through 30 June 1981. (Project 761757 - Continuation)

$60,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Modelling of Turbulence in Free Shear Layers and Mixing Zones, Department of Aeronautical and Astronautical Engineering (S. L. Petrie and J. D. Lee), 1 June 1980 through 31 May 1981. (Project 762187 - New)


$53,500.00 - National Science Foundation, Washington, D. C., Regional Labor Productivity Changes and the Geographic Redistribution of Employment and Population, Department of Geography (E. Casetti), 1 July 1980 through 30 June 1981. (Project 762152 - New)

$51,149.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Ceramic Microstructure Development, Department of Ceramic Engineering (D. W. Readey), 1 April 1980 through 31 October 1980. (Project 762134 - New)

$50,000.00 - Maryland Procurement Office, Fort George G. Meade, Maryland, Superdirective Arrays, Department of Electrical Engineering, ElectroScience Laboratory (E. Newman), 5 May 1980 through 5 March 1981. (Project 761428 - Continuation)

$49,996.00 - Department of the Army, Army Corps of Engineers, Buffalo, New York, Lake Erie Watershed Reduced Tillage Practices, Cooperative Extension Service - State Operations (C. J. Cunningham) and Cooperative Extension Service - State Operations and Department of Agronomy (B. L. Schmidt), 1 October 1979 through 30 September 1980. (Project 761873 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$46,932.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, An Interpretive Study of Plate and Shell Buckling, Department of Engineering Mechanics (A. W. Leissa), 15 February 1980 through 14 April 1981. (Project 762059 - New)

$43,548.00 - National Science Foundation, Washington, D. C., Geology and Paleomagnetism of Mesozoic Rocks, Northern Antarctic Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), 1 June 1980 through 31 May 1981. (Project 761682 - Continuation)

$42,196.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1980 through 31 March 1981. (Project 761591 - Continuation)

$39,827.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Washington, D. C., Use of SEASAT Altimeter Data for the Improved Determination of the Geoid, Gravity Anomaly Field and Sea Surface Topography, Department of Geodetic Science (R. H. Rapp), 1 June 1980 through 30 May 1981. (Project 761378 - Continuation)


$34,503.00 - National Science Foundation, Washington, D. C., Genesis of Mineralization Associated With Andean Intrusions, Northern Antarctic Peninsula Region, Institute of Polar Studies and Department of Geology and Mineralogy (D. E. Pride), 1 August 1980 through 31 May 1981. (Project 761769 - Continuation)

$34,429.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Pigmentation, Melanins and Ocular Drug Effects, College of Pharmacy (P. N. Patil), 1 June 1980 through 31 May 1981. (Project 764189 - Continuation)

$33,135.00 - National Science Foundation, Washington, D. C., Workshops in Long-Range Planning in Systematics: Columbus, Ohio; New Haven, Connecticut; and Pittsburgh, Pennsylvania, Department of Botany (T. F. Stuessy), 1 June 1980 through 31 May 1981. (Project 762182 - New)
July 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$31,300.00 - National Science Foundation, Washington, D. C., Applications of Organosilicon Chemistry in Synthesis, Department of Chemistry (P. D. Magnus), 1 June 1980 through 31 May 1981. (Project 761162 - Continuation)

$30,777.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development, Department of Physics (W. R. Riley), 1 May 1980 through 31 October 1981. (Project 762156 - New)

$30,000.00 - National Science Foundation, Washington, D. C., Interactions of Chloroplast Membrane Proteins, Department of Biochemistry (E. L. Gross), 1 July 1980 through 30 June 1981. (Project 761212 - Continuation)

$28,900.00 - National Science Foundation, Washington, D. C., Steric Effects in Polycyclic Aromatic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 May 1980 through 30 April 1981. (Project 761602 - Continuation)

$28,600.00 - National Science Foundation, Washington, D. C., Chemistry and Spectroscopy of High Energy Intermediates, Department of Chemistry (M. S. Platz), 1 June 1980 through 31 May 1981. (Project 761654 - Continuation)

$28,339.00 - National Science Foundation, Washington, D. C., Analysis of Archaeological Material from Tal-e Malyan, Department of Anthropology (W. M. Summer), 1 June 1980 through 31 May 1981. (Project 761645 - Continuation)

$27,656.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Effects of Processing and Storage on Human Milk, Department of Food Science and Nutrition (P. M. T. Hansen), 1 April 1980 through 31 March 1981. (Project 761475 - Continuation)


$23,500.00 - National Science Foundation, Washington, D. C., Signal and Noise Generation in Curved and Flat Space-Times, Department of Mathematics (U. H. Gerlach), 15 May 1980 through 31 May 1982. (Project 762181 - New)

$20,650.00 - National Science Foundation, Washington, D. C., Development of Collaborative United States-Japan Socio-Behavioral Disaster Research, Department of Sociology (E. L. Quarantelli), 1 June 1980 through 31 May 1981. (Project 762201 - New)
July 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$20,000.00 - Department of Agriculture, Science and Education Administration, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology (W. C. Rothenbuhler), 16 June 1980 through 15 June 1981. (Project 760706 - Continuation)

$19,600.00 - National Science Foundation, Washington, D. C., Finite Simple Groups and BN-Pairs, Department of Mathematics (R. Solomon), 1 July 1980 through 30 June 1982. (Project 761177 - Continuation)

$18,720.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, ADI Relaxation Algorithms Applied to Grid Generation, Department of Mechanical Engineering (S. Nakamura), 30 June 1980 through 30 June 1981. (Project 760964 - Continuation)

$18,481.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Selection of Strains of Baculovirus of Choristoneura Resistant to Near Ultraviolet Radiation, Department of Entomology (G. Stairs), 1 May 1980 through 30 April 1981. (Project 762163 - New)

$17,986.00 - National Science Foundation, Washington, D. C., Finitary Coding in Ergodic Theory, Department of Mathematics (A. Del Junco), 1 July 1980 through 30 June 1982. (Project 762160 - New)

$16,750.00 - National Science Foundation, Washington, D. C., Directions in Model Theory and Set Theory, Department of Mathematics (H. M. Friedman), 13 May 1980 through 30 June 1981. (Project 761238 - Continuation)


$15,872.00 - National Science Foundation, Washington, D. C., Solution Partitioning in Spatial Mechanism Synthesis, Department of Mechanical Engineering (K. J. Waldron), 15 April 1980 through 31 March 1981. (Project 762151 - New)

$15,003.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Update of CRASH II Computer Model Damage Tables, Department of Mechanical Engineering (D. A. Guenther), 1 April 1980 through 30 September 1980. (Project 762098 - New)
July 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$12,155.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computer Modeling and Vehicle Collision Data Analysis, Department of Mechanical Engineering (J. Charles), 14 April 1980 through 15 September 1980. (Project 762054 - Continuation)

$10,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Further Studies of the UV Spectra of Late-Type Stars, Department of Astronomy (R. F. Wing), 1 June 1980 through 31 May 1981. (Project 761634 - Continuation)

$9,997.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Procurement Property and Facility Management Branch, Rockville, Maryland, Deviance Within the Model of Superior Formulary Performance, College of Pharmacy (T. D. Rucker), 8 May 1980 through 7 January 1981. (Project 762180 - New)


$9,230.00 - Department of Labor, Washington, D. C., Hearing Losses of Federal Employees, Department of Communication (E. J. Hardick) and Department of Otolaryngology (W. Melnick), 15 May 1980 through 4 October 1980. (Project 761897 - Continuation)

$7,200.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Population Density and Habitat Selection by Breeding Yellow Rails at Seney National Wildlife Refuge, Michigan, Department of Zoology (T. A. Bookhout), 1 May 1980 through 30 June 1981. (Project 761561 - Continuation)


$5,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scattering of Waves by Viscoelastic Composites and the Characterization of Their Dynamic Properties, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 April 1980 through 30 September 1980. (Project 762104 - New)
**Federal Research Contracts/Grants (contd)**

$3,300.00 - National Science Foundation, Washington, D. C., Group Travel for U. S. Participants in the Third International Meeting on Solid Electrolytes-Solid State Ionics and Galvanic Cells - Tokyo, Japan, Department of Metallurgical Engineering (R. A. Rapp), 1 June 1980 through 31 May 1981. (Project 762200 - New)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** $3,060,882.00

**State of Ohio Research Contracts/Grants**

$39,200.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Management Advancement Training Seminars for Community Action Programs, College of Administrative Science - Continuing Education (J. Stanley), 1 June 1980 through 31 December 1980. (Project 762164 - Continuation)

$21,810.00 - State of Ohio, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Cooperative Psychiatric Services, Nisonger Center for Mental Retardation (F. A. Benson), 1 July 1980 through 30 June 1981. (Project 762186 - New)

$14,995.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Review of Ohio's Division of Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 October 1980. (Project 762150 - New)

$8,048.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, MSG Intolerance and Beta-Adrenergic Hypersensitivity, Department of Psychiatry (H. Schmidt), 1 June 1980 through 30 June 1980. (Project 762197 - New)

$6,480.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Technical Workshop in Farm Business Planning and Analysis, Department of Agricultural Education (J. T. Starling), 1 May 1980 through 30 June 1980. (Project 762194 - New)

$4,438.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, Auditing Hospital Bills - A Practical Cost Containment Measure, School of Allied Medical Professions (S. F. Loebs), 1 May 1980 through 1 October 1980. (Project 762176 - New)

$2,902.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, A Behaviorally Based Treatment for Child Compliance Problems: A Parent Training Intervention, Department of Psychology (A. Schwebel and R. Wells), 20 May 1980 through 30 June 1980. (Project 762185 - New)
July 11, 1980 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)

$2,370.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Analysis of Staff Data: Drug Treatment Programs in Ohio, 1974-1978, Department of Sociology (W. Li and M. A. Ruffing), 15 May 1980 through 30 June 1980. (Project 762198 - New)

$1,680.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, The Impact of Natural Support Systems on Children's Reaction to Parental Divorce/Separation, Department of Psychology (C. Wenar and M. Schreiber), 1 May 1980 through 30 June 1980. (Project 762184 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 101,923.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$57,982.00 - Pennwalt Corporation, Philadelphia, Pennsylvania, Insect Cell Culture, Department of Entomology (W. F. Hink), 1 May 1980 through 30 April 1981. (Project 762159 - New)


$49,998.00 - Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Continuation of a Study of Regulatory Actions to Promote Power Plant Productivity Improvements, National Regulatory Research Institute (D. N. Jones) and Department of Industrial and Systems Engineering (G. L. Smith), 12 May 1980 through 30 September 1980. (Project 762129 - New)

$46,936.65 - Clarkson College of Technology, Potsdam, New York, Investigate Bistatic Scattering Characteristics of Moving and Fixed Targets to Determine Whether Discriminants May Exist That Will Allow Target Classification, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 16 April 1980 through 30 September 1980. (Project 761830 - Continuation)

$39,998.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Kinetic Requirements for the High Intensity Combustion of Coal as Data Source for Design of Small Coal Burners for Industrial Use, Department of Mechanical Engineering (R. H. Essenhigh) and Department of Chemical Engineering (L. S. Fan), 26 May 1980 through 25 May 1981. (Project 762169 - New)
July 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$34,462.00 - Madison Public Schools, London, Ohio, Martin W. Essex School for the Gifted, Academic Faculty of Exceptional Children (R. H. Swassing), 1 May 1980 through 30 September 1981. (Project 762147 - Continuation)

$30,000.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Bacterial Pyrite Oxidation: Its Basic Mechanism and Relationship With Other Oxidizable Mineral and Cost Constituents, Department of Microbiology (O. H. Tuovinen), 26 May 1980 through 25 May 1981. (Project 762204 - New)

$16,000.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1980 through 31 December 1980. (Project 762165 - New)

$15,000.00 - Dana Corporation Foundation, Toledo, Ohio, The Legal Treatment of Persons With Mental Disabilities, College of Law (M. J. Kindred), 1 September 1980 through 30 June 1981. (Project 762188 - New)

$12,000.00 - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 September 1980 through 30 June 1981. (Project 762155 - New)

$9,924.00 - The Japan Foundation, Tokyo, Japan, A Regional Project for Teaching Japan in Secondary Schools, Office of Academic Affairs, Center for International Studies (J. Adams), 1 April 1980 through 30 March 1981. (Project 760620 - Continuation)

$8,785.00 - Citizens’ Council for Ohio Schools, Cleveland, Ohio, Citizens’ Council School Finance Project, Academic Faculty of Educational Administration (L. H. Wagstaff), 1 October 1979 through 30 June 1980. (Project 762193 - New)


$6,360.00 - National Association of Schools of Public Affairs and Administration, Washington, D. C., Public Personnel Management Research Fellowship, Academic Faculty of Labor and Human Resources (D. M. Ronchi and P. A. Somers), 1 June 1980 through 30 August 1981. (Project 762153 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$5,745.00 - Wright State University, Dayton, Ohio, Survey of Postsecondary Institutions in the State of Ohio, Academic Faculty of Educational Administration (L. H. Wagstaff and S. Cameron), 1 February 1980 through 15 April 1980. (Project 762174 - New)

$5,000.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 1 May 1980 through 30 June 1980. (Project 761707 - Continuation)


$3,500.00 - Allen County Commissioners, Lima, Ohio, Historical Preservation Office, Lima Campus (J. S. Biddle), 1 February 1980 through 31 January 1981. (Project 762157 - New)

$3,339.00 - Caldwell Community College and Technical Institute, Hudson, North Carolina, Postsecondary Alliance - Evaluation Program Option A - Clearinghouse, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1981. (Project 762195 - Continuation)

$1,500.00 - Cystic Fibrosis Foundation, Rockville, Maryland, Colonization of the Respiratory Tract by Pseudomonas aeruginosa, Department of Microbiology (N. Baker and H. Marcus), 1 July 1980 through 10 September 1980. (Project 762191 - New)

$1,000.00 - Mississippi Gulf Coast Junior College, Perkinston, Mississippi, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 412,055.25

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$89,500.00 - International Paper Company, Tuxedo Park, New York, Moveable Wall Channel Fiber-Fluid, Department of Chemical Engineering, May 8, 1980 through May 8, 1981. (EES 606/529086)
Sponsored Development Projects

$122,821.00 - various sponsors for 41 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$612,500.00 - Estate Under the Will of John C. Fergus, Columbus, Ohio--$306,250.00 for Corwin A. Fergus Memorial Fund and $306,250.00 for Edith Fergus Gilmore Fund.

$39,050.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$30,000.00 - The Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.

$27,000.00 - Dorsey Laboratories, Lincoln, Nebraska, for Clinical Pharmacology Fund.

$25,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Forced Convection Techniques Applied to Corrosion Problems.

$20,000.00 - Estate Under the Will of Dorothy M. Bennett, Lima, Ohio, for Dorothy M. Bennett and Clark L. Bennett Medical Research Fund.

$15,070.00 - Janssen Pharmaceuticals, New Brunswick, New Jersey, for Gastrointestinal Cancer Research Fund.

$13,630.10 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$12,184.00 - Castleton, Inc., Lexington, Kentucky, for Dean's Education and Research Fund in Veterinary Medicine.

$10,750.00 - Eli Lilly and Company, Indianapolis, Indiana, for Diabetes Research Fund.

$10,000.00 - Iddings Foundation, Dayton, Ohio, for Iddings Foundation Scholarships.

$10,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.
Gifts of $5,000 or More (contd)

$10,000.00 - Michael's Finer Meats, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$8,000.00 - Midland Ross Corporation, Urbana, Ohio, for Student Athlete Grant-in-Aid Fund.

$7,500.00 - The B. F. Goodrich Company, Akron, Ohio, for B. F. Goodrich Company Fund for Polymer Engineering Research Fund.

$6,702.70 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$5,517.72 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

$5,500.00 - Owens-Corning Fiberglas Corporation, Toledo, Ohio, for Student Athlete Grant-in-Aid Fund.

$5,000.00 - Ashland Chemical Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$5,000.00 - The Cincinnati Gas and Electric Company, Cincinnati, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

$5,000.00 - The Firestone Tire and Rubber Company, Akron, Ohio, for Fraenkel Research Fund.

$5,000.00 - General Motors Corporation, Warren, Michigan, for College of Administrative Science Fund.

$5,000.00 - Mr. and Mrs. John D. Kraus, Delaware, Ohio, for Radio Telescope Research Fund.

$5,000.00 - Occidental Research Corporation, Irvine, California, for Mechanical Engineering Coal Combustion Laboratory Fund.

$5,000.00 - Ohio State University Dental Alumni Association, Worthington, Ohio, for Dental Alumni Loan Fund.

$5,000.00 - SCOA Foundation, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$5,000.00 - SDRC, Milford, Ohio, for SDRC Fund (Structural Dynamics Research Corporation)
July 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Chair in Food Industries

The Chair in Food Industries was established July 11, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from industry, alumni, and friends of the College of Agriculture.

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

The annual income, when this account becomes a chair, will be used to provide salary and program support for the work of an individual who will provide leadership for the Food Industries Program. Appointment of this chair will be recommended by the Dean of the College of Agriculture and Home Economics 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 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 programs relating to the food industries.

The Virgil Overholt Drainage Education and Research Fund

The Virgil Overholt Drainage Education and Research Fund was established July 11, 1980, by the Board of Trustees of The Ohio State University in honor of Virgil Overholt, Professor Emeritus, with gifts from alumni, friends, and industry 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 and principal is to be used to provide funds for graduate student support, long-term research, and continuing education. Distribution of these funds will be made by the Chairman of the Department of Agricultural Engineering upon the recommendation of an advisory committee, consisting of representatives of the faculty, agriculture, and industry. Distribution for this purpose will be made from income or principal or both, until the funds available to support these goals are exhausted.

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 College of Agriculture and Home Economics and the Department of Agricultural Engineering.
Establishment of Named Funds (contd)

The Earl Weaver Memorial Fund

The Earl Weaver Memorial Fund was established July 11, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Earl Weaver, D.V.M. ’55.

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

The annual interest and/or principal from this fund will be used to support projects of the highest priority in the College of Veterinary Medicine. The Dean of the College of Veterinary Medicine will have full discretion in the use of the funds.

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.

The Professorship in Plant Protection

The Professorship in Plant Protection was established July 11, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, industry, and friends.

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

The annual income is to be added to the principal until the fund reaches $250,000. At that time the income is to be used to provide salary and program support for the work of a distinguished scholar and researcher in the field of plant protection. Appointment to this professorship will be recommended by the Dean of the College of Agriculture and Home Economics 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 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 program in plant protection.
July 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund

At the request of Harry Krieger of Price Waterhouse & Co., the wording in the third paragraph of the endowment description for "The Partners and Employees of Price Waterhouse Endowment Fund" has been amended to comply with the wishes of the donors:

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 & Co., Columbus, Ohio, 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 is to be added to the principal until the fund reaches the appropriate amount to provide at least $1,000 annually for support of the Academic Faculty of Accounting. The 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.

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 & Co., 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.

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EMPLOYMENT OF ARCHITECT/ENGINEER

ENERGY CONSERVATION MEASURES, FEDERAL DEPARTMENT OF ENERGY TITLE III GRANT (LAUNDRY, PRINTING FACILITY, WOMEN’S DINING FACILITY, RANEY COMMONS, AND BRADFORD COMMONS)

Resolution No. 81-13

Synopsis: Employment of engineer to conduct study for project, “Energy Conservation Measures, Federal Department of Energy Title III Grant (Laundry, Printing Facility, Women's Dining Facility, Raney Commons, and Bradford Commons),” is being proposed.
July 11, 1980 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER (contd)

ENERGY CONSERVATION MEASURES, FEDERAL DEPARTMENT OF
ENERGY TITLE III GRANT (LAUNDRY, PRINTING FACILITY, WOMEN'S
DINING FACILITY, RANEY COMMONS, AND BRADFORD COMMONS) (contd)

WHEREAS The Ohio State University facilities known as Laundry, Printing Facility, Women's Dining Facility, Raney Commons, and Bradford Commons were selected under the Federal Grants' Program for Schools, Universities, and Hospitals for completion of energy-study reports; and

WHEREAS it is proposed that upon completion of these reports which will be conducted in accordance with procedures and reporting established by the Ohio Board of Regents' Energy Management Program; the reports will be submitted to the Federal Energy Department to obtain funds for completion of any selected cost-effective energy conservation modifications:

NOW THEREFORE

BE IT RESOLVED, That the firm of Gaddam and Associates Engineers of Columbus, Ohio, be employed to provide engineering services for these buildings covered by this project and to provide energy reports, and on completion of the approved reports, they will be submitted to the Federal Energy Department to obtain funds for completion of any selected cost-effective energy conservation modifications; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total cost for these studies being $20,742. Funds will be provided by the Federal Government with matching funds from The Ohio State University ($10,371 Federal, plus $10,371 OSU).

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

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PLANS AND SPECIFICATIONS
Resolution No. 81-14

Synopsis: Plans and specifications are being proposed for the following project.

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

UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS, PHASE II

Project: Continuation of the rehabilitation of apron areas, provide site preparation, replace beacon light and improved access to taxiways.
July 11, 1980 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS, PHASE II (contd)

Funding: Federal Aviation Administration Grant

Estimated Project Cost: $293,955.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration 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. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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FEDERAL AVIATION ADMINISTRATION GRANT NO. DOT-FA80-GL-8118
UNIVERSITY AIRPORT IMPROVEMENTS
Resolution No. 81-15

Synopsis: Acceptance of the Federal Aviation Administration (FAA) Grant to the University for University Airport (Don Scott Field) improvements is proposed.

WHEREAS The Ohio State University has applied to the FAA for federal funding to provide for airport improvements including construction of taxiways, expansion of parking aprons, and installation of floodlights; and

WHEREAS the University has received from the FAA Grant Agreement No. DOT-FA80-GL-8118, Project No. 5-39-0027-03 in the amount of $293,955 for development of airport improvements as specified in Grant Agreement, dated June 12, 1980, attached hereto and made a part hereof by reference:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and directed to accept and execute, on behalf of the Board of Trustees of The Ohio State University, said FAA Grant Agreement for airport improvements.

Upon motion of Mr. Smith, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
July 11, 1980 meeting, Board of Trustees

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
GRANT AGREEMENT

Part 1-Offer

Date of Offer June 12, 1980
Ohio State University Airport
Project No. 5-39-0027-03
Contract No. DOT-FA80-GL-8118

TO: Board of Trustees of the Ohio State University, Columbus, Ohio (herein referred to as the “Sponsor”)

FROM: The United States of America (acting through the Federal Aviation Administration, herein referred to as the “FAA”)

WHEREAS, the Sponsor has submitted to the FAA a Project Application (herein called an Application for Federal Assistance) dated May 14, 1980, for a grant of Federal funds for a project for development of the Ohio State University Airport (herein called the “Airport”), together with plans and specifications for such project, which Application for Federal Assistance, as approved by the FAA is hereby incorporated herein and made a part hereof; and

WHEREAS, the FAA has approved a project for development of the Airport (herein called the “Project”) consisting of the following-described airport development:

Land Reimbursement (14.28 acres); Construct T-Hangar Taxiways (approx. 4,222 S.Y.); Overlay and expand Hangar 4 & 5 aircraft parking apron (approx. 7,400 S.Y.) and install floodlights; widen Taxiway “C” at R/W 32 threshold (approx. 1,089 S.Y.); construct T-Hangar service road (approx. 2,722 S.Y.); Overlay existing T-Hangar taxiways (approx. 1,067 S.Y.); Install new L-801 Beacon.

all as more particularly described in the property map and preliminary plans and specifications incorporated in the said Application for Federal Assistance.

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Airport and Airway Development Act of 1970, as amended (49 U.S.C. 1701 et seq.), and in consideration of (a) the Sponsor’s adoption and ratification of the representations and assurances contained in said Application for Federal Assistance, and its acceptance of this
Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 90 Percentum thereof.

This Offer is made on and subject to the following terms and conditions:

1. The maximum obligation of the United States payable under this Offer shall be $293,955.00.

2. The Sponsor shall:
   a. begin accomplishment of the Project within Thirty (30) days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
   b. carry out and complete the Project without undue delay and in accordance with the terms hereof, the Airport and Airway Development Act of 1970, as amended, and the Regulations of the FAA (14 CFR Part 152) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the “Regulations”;
   c. carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA;
   d. submit all financial reports on an accrual basis and if records are not maintained on an accrual basis, reports may be based on analysis or records or best estimates as required by the Regulations;
   e. monitor performance under the Project to assure that time schedules are being met, projected work units by time periods are being accomplished, and that other performance goals are being achieved as established by the Regulations.

3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under the Regulations.

4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of the Regulations.
Final determination of the United States share will be based upon the final audit of the total amount of allowable project costs and settlement will be made for any upward or downward adjustments to the Federal share of costs. The grant closeout requirements will be in accordance with the Regulations.

5. The Sponsor shall operate and maintain the airport as provided in the Application for Federal Assistance incorporated herein and specifically covenants and agrees in accordance with its Assurance 20 in Part V of said Application for Federal Assistance, and Section 30 of the Airport and Airway Development Act, as amended, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person by reason of race, color, creed, national origin or sex in the use of the facilities provided for the public on the airport.

6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.

7. a. The grantee assures that it will undertake an affirmative action program, as required by 14 CFR Part 152, Subpart E, to ensure that no person shall, on the grounds of race, creed, color, national origin, or sex, be excluded from participating in any employment, contracting, or leasing activities covered in 14 CFR Part 152, Subpart E. The grantee assures that no person shall be excluded, on these grounds, from participating in or receiving the services or benefits of any program or activity covered by this subpart. The grantee assures that it will require that its covered organizations provide assurance to the grantee that they similarly will undertake affirmative action programs and that they will require assurances from their suborganizations, as required by 14 CFR Part 152, Subpart E, to the same effect.

b. The grantee agrees to comply with any affirmative action plan or steps for equal employment opportunity required by 14 CFR, Part 152, Subpart E, as part of the affirmative action program or by any Federal, State, or local agency or court, including those resulting from a conciliation agreement, a consent decree, court order, or similar mechanism. The grantee agrees that State or local affirmative action plan will be used in lieu of any affirmative action plan or steps required by 14 CFR Part 152, Subpart E, only when they fully meet the standards set forth in 14 CFR 152.409. The grantee agrees to obtain a similar assurance from its covered organizations, and to cause them to require a similar assurance of their covered suborganizations, as required by 14 CFR Part 152, Subpart E.
8. This offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this offer has been accepted by the Sponsor on or before June 30, 1980 or such subsequent date as may be prescribed in writing by the FAA.

9. The Sponsor hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the Regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan insurance, or guarantee, the following Equal Opportunity Clause.

During the performance of this contract, the contractor agrees as follows:

a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices (to be provided) setting forth the provisions of this nondiscrimination clause.

b. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

c. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice (to be provided) advising the said labor union or workers’ representative of the contractor’s commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

d. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
e. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

f. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further Government contracts or Federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulations, or order of the Secretary of Labor, or as otherwise provided by law.

g. The contractor will include the portion of the sentence immediately preceding paragraph a. and the provisions of paragraphs a. through g. in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The Sponsor further agrees that it will be bound by the above Equal Opportunity clause with respect to its own employment practices when it participates in Federally assisted construction work: Provided that if the applicant so participating is a State or local Government, the above Equal Opportunity clause is not applicable to any agency, instrumentality, or subdivision of such Government which does not participate in work on or under the contract.

The Sponsor agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the
compliance of contractors and subcontractors with the Equal Opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency’s primary responsibility for securing compliance.

The Sponsor further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from or who has not demonstrated eligibility for, Government contracts and Federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the Equal Opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part III, Subpart D, of the Executive Order. In addition, the Sponsor agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: cancel, terminate, or suspend in whole or in part this grant (contract, loan insurance, or guarantee); refrain from extending any further assistance to the Sponsor under the program with respect to which the failure or refund occurred, until satisfactory assurance of future compliance has been received from the Sponsor; or refer the case to the Department of Justice for appropriate legal proceedings.

10. The Sponsor hereby covenants and agrees that financial records of this project shall be established, maintained, and made available to appropriate personnel in conformity with Section 152.63 of the Regulations of the Federal Aviation Administration (14 CFR 152).

11. The Sponsor hereby covenants that it will not permit any permanent-type structures, other than structures required for aids to air navigation and such other structures as may be specifically excepted in writing by the FAA, to be erected on, and that it will cause any existing structures to be removed from, each area identified on the “Exhibit A” as “clear zone” or any portions thereof, concerning which the Sponsor has acquired a fee interest with Federal financial assistance, irrespective of whether such structures constitute an obstruction to air navigation.

12. It is understood and agreed that any and all reference to the term “Office of Management and Budget Circular No. A-102”, as the same may appear in this agreement and any document incorporated and made a part thereof,
shall be deemed to read and mean "General Services Administration Federal Management Circular FMC 74-7". It is also understood and agreed that wherever the term "Project Application" appears in the agreement or in any other documents constituting a part of this agreement, it shall be deemed to mean "Application for Federal Assistance, FAA Form 5100-100".

13. It is understood and agreed by and between the parties hereto that, should evidence be discovered during construction, that objects of archeologic or historic interest may be unearthed, then construction will be halted for a reasonable time to enable the responsible State official to assess the matter.

14. This project and all work performed thereunder is subject to the Clean Air Act and the Federal Water Pollution Control Act. Accordingly:

a. The Sponsor hereby stipulates that any facility to be utilized in performance under the grant or to benefit from the grant is not listed on the Environmental Protection Agency (EPA) list of Violating Facilities.

b. The Sponsor agrees to comply with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations issued thereunder.

c. The Sponsor shall notify the FAA of the receipt of any communication from the EPA indicating that a facility to be utilized for performance of or benefit from the grant is under consideration to be listed on the EPA List of Violating Facilities.

d. The Sponsor agrees that it will include or cause to be included in any contract or subcontract under the grant which exceeds $100,000, the criteria and requirements in these subparagraphs (a) through (d).

15. Assurance Number 18 of Part V of the Project Application incorporated herein is amended by including at the end of the second sentence the following language:

"... including the requirement that (A) each air carrier, authorized to engage directly in air transportation pursuant to Section 401 or 402 of the Federal Aviation Act of 1958, using such airport shall be subject to nondiscriminatory and substantially comparable rates, fees, rentals, and other charges and nondiscriminatory conditions as are applicable to all such air carriers which make similar use of such airport and which utilize similar facilities, subject to reasonable classifications such as tenants or nontenants, and combined passenger and cargo flights or all cargo flights, and such classification or status as tenant shall not be unreasonably withheld by any
Sponsor provided an air carrier assumes obligations substantially similar to those already imposed on tenant air carriers, and (B) each fixed base operator using a general aviation airport shall be subject to the same rates, fees, rentals, and other charges as are uniformly applicable to all other fixed base operators making the same or similar uses of such airport utilizing the same or similar facilities; provision (A) above shall not require the reformation of any lease or other contract entered into by a Sponsor before July 12, 1976. A Sponsor shall not require the reformation of any lease or other contract entered into by a Sponsor before July 1, 1975."

16. It is understood and agreed that no part of the Federal share of an airport development project for which a grant is made under the Airport and Airway Development Act of 1970, as amended (49 U.S.C. 1701 et seq.), or under the Federal Airport Act, as amended (49 U.S.C. 1101 et seq.), shall be included in the rate base in establishing fees, rates, and charges for users of the airport.

17. It is understood and agreed by and between the parties hereto that, with regard to Number 31 of the Sponsor Assurances of FAA Form 5100-100, wherein reference is made to "Part II, paragraph 7(a), 7(b) and 7(c)," such reference shall be deemed to refer instead to "Part 11, Section C, paragraphs 4(a), 4(b) and 4(c)."

18. It is understood and agreed that the recipient (Sponsor) will comply with the following provision and further agrees that it will incorporate or cause to be incorporated such provision into all subsequent agreements between the recipient and any subrecipient and in all subsequent DOT-assisted contracts between recipients or subrecipients and any contractor:

a. Policy - It is the policy of the Department of Transportation that minority business enterprises as defined in 49 CFR Part 23 shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal funds under this agreement. Consequently, the MBE requirements of 49 CFR Part 23 apply to this agreement.

b. MBE Obligation - The recipient or its contractor agrees to ensure that minority business enterprises as defined in 49 CFR Part 23 have the maximum opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal funds provided under this agreement. In this regard all recipients or contracts shall take all necessary and reasonable steps in accordance with 49 CFR Part 23 to ensure that minority business enterprises have the maximum opportunity to compete for and perform contracts. Recipients and their contractors shall
not discriminate on the basis of race, color, national origin, or sex in the award and performance of DOT-assisted contracts.

c. If as a condition of assistance the recipient has submitted and the Department has approved a minority business enterprise affirmative action program which the recipient agrees to carry out, this program is incorporated into this financial assistance agreement by reference. This program shall be treated as a legal obligation and failure to carry out its terms shall be treated as a violation of this financial assistance agreement. Upon notification to the recipient of its failure to carry out the approved program the Department shall impose such sanctions as noted in 49 CFR Part 23, Subpart E, which sanctions may include termination of the agreement or other measures that may affect the ability of the recipient to obtain future DOT financial assistance.

19. The Sponsor hereby agrees and covenants that any and all flood insurance coverage required by the Flood Disaster Protection Act of 1973 (P.L. 93-234), with respect to the buildings and/or personal property to be constructed and/or acquired under this project will be purchased prior to the acquisition or construction of any insurable interest and shall be maintained during the useful life of such buildings or personal property.

20. It is understood and agreed by and between the parties hereto that, the third sentence of Assurance No. 17, Part V of the Project Application, FAA Form 5100-100, Page 7 (4-76), is amended to read “However, these limitations on the duration of the covenants do not apply to the covenant against exclusive rights and real property acquired with Federal funds”.

21. The Sponsor will conduct its programs and operate its facilities in accordance with the requirements of Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and will assure that no qualified handicapped person shall, solely by reason of his or her handicap be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination, including discrimination in employment, under any program or activity that receives funds or benefits from this grant. The Sponsor further assures that its programs will be conducted and its facilities operated in compliance with the requirements imposed by or pursuant to 49 CFR Part 27.

22. The Sponsor shall provide for audit of this grant project to be made in accordance with Attachment P of Office of Management and Budget Circular A-102.

23. The Federal Government does not now plan to contemplate the construction of any structures pursuant to Paragraph 27 of Part V - Sponsor's Assurances
of the Project Application, dated May 14, 1980, and therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any areas or rights without cost to the Federal Government under this Grant Agreement. However, nothing contained herein shall be construed as altering or changing the rights of the United States and/or the obligations of the Sponsor under prior Grant Agreements to furnish rent-free space for the activities specified in such agreements.

24. The parties hereto recognize that a continuing need exists for parking space for Government owned and controlled automotive equipment used or assigned for use in serving FAA facilities and equipment on or in the vicinity of the airport. It is agreed by the parties hereto that the Sponsor will continue to provide, without charge, designated parking space as now exists in reasonable proximity to FAA operations for such automotive equipment and that no change or modifications will be made in such designation without the consent of the parties hereto or their designated representative.

The parties hereto further recognize the need for adequate parking space for the motor vehicles used by the FAA employees for transportation to their place of employment and assign duty stations on the airport. It is fully understood by and between the parties hereto that the Sponsor has made adequate parking space available to these employees on terms that are as favorable as those provided to the Sponsor’s employees and the employees of others having duty stations on the airport. It is agreed by the parties hereto that the relationship now existing with respect to automobile parking space for FAA employees will continue and that no change will be made to alter this relationship or to either curtail or enlarge the demand for the parking facilities designated without the consent and concurrence of the parties hereto or their designated representative.

25. It is understood and agreed by and between the parties hereto that the FAA will not make payments for eligible project costs which exceed 90% of the maximum Grant obligation or 90% of the latest estimated project costs, whichever is the lesser, until the Sponsor has submitted certification by the Engineer and Contractor, that each construction or specification item included in a payment application which would exceed the aforementioned controlling 90% limitation has been fully completed in accordance with the approved plans and specifications and represents final accepted quantities as determined by the specified method of measurement.

It is further understood and agreed that the FAA shall withhold the final 3% of the eligible project costs until the required “as built” plans have been received and approved by the FAA.
26. It is understood and agreed by and between the parties hereto that with respect to Paragraph 1, Part II - Section C of the Project Application, dated and made a part hereof, that the Sponsor will take such action as is necessary, including enactment of appropriate zoning, to assure compatible usage of land adjacent to or in the vicinity of the airport.

27. It is understood and agreed that the United States will not be obligated to pay for the land interests to Parcel 1 as shown on Exhibit "A", unless and until the Sponsor has submitted evidence of property interests satisfactory to the FAA free and clear of all encumbrances deemed objectionable by the FAA.

28. It is hereby understood and agreed by and between the parties hereto that this Offer is issued on the basis of the preliminary plans and specifications and that the Sponsor will not suffer the commencement of any construction work, not permit any advertisement for bids for accomplishment of any work under this project until final plans and specifications are submitted to the FAA by the Sponsor within 120 days after the acceptance of this Grant Offer and have been approved by the FAA.

29. It is understood and agreed by and between the parties hereto that Federal participation in the lighting system as described on page 1 hereof, is predicated upon the Sponsor submitting an Airport Lighting Operation and Maintenance Plan to the FAA and has been approved by FAA, and it is further understood and agreed that the United States shall not make or be obligated to make final payment of eligible project costs until the Airport Lighting Operation and Maintenance Plan has been submitted by the Sponsor and has been approved by the FAA.

30. It is mutually agreed by and between the parties hereto that the FAA shall withhold from the first partial and all succeeding Grant payments the sum of $10,000.00 Federal until the Sponsor has submitted an updated set of the Master Plans which includes the Airport Layout Plan, determined satisfactory by the FAA.

The Sponsor's acceptance of this Offer and ratification and adoption of the Application for Federal Assistance incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and said Offer and Acceptance shall comprise a Grant Agreement, as provided by the Airport and Airway Development Act of 1970, as amended, constituting the obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer and shall remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of
July 11, 1980 meeting, Board of Trustees

said acceptance except as otherwise provided in Sponsor's Assurance No. 17, Part V of the Project Application.

UNITED STATES OF AMERICA
FEDERAL AVIATION ADMINISTRATION

BY (signed) James M. Opatrny
TITLE Acting Manager, Detroit Airports District Office

Part II - Acceptance

The Board of Trustees of the Ohio State University does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Application for Federal Assistance and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this day of July, 1980.

Board of Trustees of The Ohio State University
(Sponsor)

By ____________________________________

(SEAL)
Title ____________________________________

Attest: ________________________________
Title: ________________________________

CERTIFICATE OF SPONSOR'S ATTORNEY

I, , acting as Attorney for Board of Trustees of the (herein referred to as the "Sponsor") do hereby certify: Ohio State University

That I have examined the foregoing Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find that the Acceptance thereof by said Sponsor has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Ohio and the Regulations and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Dated at Columbus, Ohio this day of July, 1980.

______________________________
TITLE ________________________________
--o--
LOCATION OF NDB IN THIS AREA
GLIDE SLOPE ANTENNA & SHELTER

EXISTING RUNWAY 5000' X 100' [PRECISION INSTRUMENT]
N. 87° 06' E.

BASED AND ITINERANT AIRCRAFT

ITINERANT AIRCRAFT TERMINAL

BASED AIRCRAFT

HELICOPTER LANDING PAD

ITINERANT AND ITINERANT AIRCRAFT

FUTURE CORPORATE AREA

ADMINISTRATION BLOCK

RUNWAY 32

T-HANGAR 1

FARESEVERYTHING

50' TERRAIN CLEARANCE LINE

SOURCE: DETROIT AERONAUTICAL
SECTIONAL CHART
MAY 17, 1978

EXHIBIT "A"
ADAP 5-39-0027-03
OHIO STATE UNIVERSITY AIRPORT
May 14, 1980

1. Land reimbursement: Parnell Parcel
2. Construct T-hangar taxiways
3. Construct T-hangar service road
4. Overlay, expand and floodlight hangar-4-5 aircraft parking apron
5. Overlay existing T-hangar taxiways
6. Widen taxiway "C" at runway 32 threshold
7. Install new L-801 beacon
July 11, 1980 meeting, Board of Trustees

TRAVEL REIMBURSEMENT

Resolution No. 81-16

Synopsis: Changes in travel reimbursement for in-state travel is recommended.

WHEREAS the Office of Budget and Management has amended Rule 126-1-02 of the Administrative Code to increase the maximum reimbursement allowance for meals, lodging, and mileage for travel within Ohio by State employees on official business; and

WHEREAS amended Rule 126-1-02 of the Administrative Code also permits the Director of the Office of Budget and Management to further increase in-state travel reimbursement rates for meals, lodging, and mileage within limits established by the Rule:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees adopt the revised in-state reimbursement rates for meals, lodging, and mileage established by amended Rule 126-1-02 of the Administrative Code and adopt the revised mileage reimbursement rate for out-of-state travel; and

BE IT FURTHER RESOLVED, That the Board of Trustees authorize the Vice President for Business and Administration to further increase these reimbursement rates at such time as additional increases within the limits established by Rule 126-1-02 of the Administrative Code are authorized by the Director of the Office of Budget and Management.

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

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LEASE AND EASEMENT - COLUMBIA GAS OF OHIO, INC.

Resolution No. 81-17

Synopsis: Lease and easement to Columbia Gas of Ohio, Inc., is proposed.

WHEREAS the University has received a request from Columbia Gas of Ohio, Inc., for a twelve-inch gas line across State of Ohio (The Ohio State University) lands from the intersection of Case and Sawmill Roads north along the east side of Sawmill Road for a distance of approximately 3,848 feet, and a request for the lease of a 30' x 30' tract of land for a gas metering station at the northern terminus of the easement; and

WHEREAS Columbia Gas of Ohio, Inc., ultimately plans to link this gas line with an already existing gas line located north of Interstate 270 and east of Sawmill Road; and

WHEREAS the University will be permitted to tap into the gas line if the University should need gas service in that area; and
LEASE AND EASEMENT - COLUMBIA GAS OF OHIO, INC. (contd)

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of Public Works, 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 and lease.

President Enarson:

This item was heard and acted upon favorably by the Fiscal Affairs Committee. It’s a recommendation for a lease and easement to Columbia Gas of Ohio as is indicated in the resolution before you.

Mr. Redman:

I have the same question about that as I had about the other one. Three thousand eight hundred feet; that’s better than half a mile.

Mr. Jackson:

Well, I’m not sure, Mr. Redman, that the dollars are right. We are receiving payment for that lease and it--

Mr. Redman: How much?

Mr. Jackson:

$800—if my memory serves me right—it’s $875 or $900, somewhere in that neighborhood.

Mr. Redman:

Well, I can tell you that isn’t enough. What about the lease—you mentioned the lease in there. How much are they going to pay us for the lease? The 30 x 30 foot tract--

Mr. Jackson:

The lease is all-inclusive, and it is in line with the Department of Administrative Services regulations, and we were told by them that that was the rate which we were allowed to charge.

Mr. Redman: You mean there is a limitation on what we can charge?

Mr. Jackson:

That was the direction that we were given by the Department of Administrative Services which negotiates leases downtown. I can go back and take another look at it.
July 11, 1980 meeting, Board of Trustees

LEASE AND EASEMENT - COLUMBIA GAS OF OHIO, INC. (contd)

President Enarson: I think we ought to take a fresh look at it.

Mr. Redman: But I'll be glad to look at it with you if you want.

Mr. Devenow:

Will you do that, Ed, and we'll table this thing until you--can we do that? Let's table it until such time as you have had a chance to look at it.

Mr. Redman:

Yes, I think we have got to have *quid pro quo* here, and if we're going to do it with one fellow down here then we ought to do it with all of them.

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ACCESSION OF PROPERTY - 228 ACRES IN PLEASANT TOWNSHIP

Resolution No. 81-18

Synopsis: Accession of a farm of approximately 228 acres in Pleasant Township and the establishment of a charitable remainder annuity trust and the Dr. Roger C. and Margery W. Henderson Memorial Fund are proposed.

WHEREAS the late Dr. Roger C. Henderson of Xenia, Ohio, through his Last Will and Testament, made a gift to The Ohio State University, through The Ohio State University Development Fund, of his undivided one-half interest in real property known as the Star Tip Farm, consisting of approximately 228 acres in Pleasant Township of Franklin County, subject to assumption by the University of a mortgage on the property; and

WHEREAS Dr. Henderson's Will provides that his interest in this property is to constitute the Dr. Roger C. and Margery W. Henderson Memorial Fund, the income from which is to be used, in equal parts, for the benefit of the College of Agriculture and the Department of Ophthalmology of the College of Medicine for their research or merit scholarship programs, as determined and directed by the Board of Trustees of the Development Fund; and

WHEREAS Dr. Henderson's widow, Margery W. Henderson, who is the owner of the remaining undivided one-half interest in the Star Tip Farm, desires to make a gift of her interest in this property to the University, through the Development Fund; and

WHEREAS a condition of this gift by Mrs. Henderson is that the gift constitute a charitable remainder annuity trust under which the University will pay to Mrs. Henderson an annual annuity, for so long as she shall live, of seven percent of $169,078.00, which represents the value of her interest in the property plus the chattel, less one-half of the mortgage, and upon her death make the gift part of the Dr. Roger C. and Margery W. Henderson Memorial Fund; and
ACCESSION OF PROPERTY - 228 ACRES IN PLEASANT TOWNSHIP (contd)

WHEREAS it has been determined that acceptance of these gifts and the establishment of the Dr. Roger C. and Margery W. Henderson Memorial Fund are in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That:

(a) The interest of the late Dr. Roger C. Henderson in the Star Tip Farm be accepted as a gift to the University through the Development Fund by conveyance of a General Warranty Deed to the Board of Trustees of The Ohio State University; and

(b) This gift constitute the Dr. Roger C. and Margery W. Henderson Memorial Fund; and

(c) The University assume the mortgage on the property; and

(d) The interest of Margery W. Henderson in the Star Tip Farm be accepted as a gift to the University through the Development Fund by conveyance of a General Warranty Deed to the Board of Trustees of The Ohio State University; and

(e) This gift constitute a charitable remainder annuity trust as specified above; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to the property constituting these gifts in the name of the Board of Trustees of The Ohio State University and to sign and execute on behalf of the Board of Trustees the documents and instruments necessary to carry out the conditions of these gifts.

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

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CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC
Resolution No. 81-19

Synopsis: Authorization is requested to increase the commitment of University Endowment funds to $5,250,000 to provide for the additional requirements of the General Services Administration in the construction of a Veterans Administration Clinic.

WHEREAS this Board, by resolution at its February 3, 1978 meeting, authorized the Administration to submit to the General Services Administration a proposal for the use of Endowment Funds to construct a University facility to be leased to the General Services
CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC (contd)

Administration for the use of the Veterans Administration in consolidating and expanding all of the VA’s out-patient services in Franklin County and the Board further authorized commitment of Endowment Funds up to $3,500,000 to construct the facility; and

WHEREAS the General Services Administration accepted the University’s proposal on January 25, 1979, for construction of a facility at a cost of approximately $2,922,950; and

WHEREAS the General Services Administration submitted revised plans and requirements in December, 1979, necessitating extensive changes in the interior design of the facility at an additional cost of approximately $1,760,000; and

WHEREAS these changes plus revisions determined by the University to be necessary to improve service to the building will result in a total construction cost of approximately $4,855,200, thus requiring an increase in the total commitment from the University Endowment; and

WHEREAS the Fiscal Affairs Committee has reviewed and recommended this additional authorization:

NOW THEREFORE

BE IT RESOLVED, That the total commitment of funds from the University Endowment available to construct the Veterans Administration Clinic be increased to no more than $5,250,000 to provide for the revised interior requirements of the General Services Administration, enhance University services available to the facility, and provide a contingency reserve.

President Enarson:

This item was discussed in some painful detail this morning and was acted upon favorably. Finally this is a recommendation to increase the authorization and effect a commitment of University endowment funds up to $5,250,000 to provide for the additional requirements of the General Services Administration in the construction of the Veterans Administration Clinic. The clear understanding I have and the clear commitment that I made this morning is that if and when this is adopted, we will communicate by letter with GSA and VA the acute concerns of the Board with the escalation of cost and its determination that this be the final increase in the cost of it.

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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DEPENDENTS’ GROUP TERM LIFE INSURANCE PROGRAM
Resolution No. 81-20

Synopsis: An improvement to the dependent group term life insurance program is proposed.
WHEREAS the Board of Trustees on January 10, 1975, authorized a dependents’ group term life insurance program to become effective February 1, 1975; and

WHEREAS faculty/staff participation in this program has been significant; and

WHEREAS the Ohio Revised Code was recently amended to raise the ceiling of the coverage which may be purchased under group term life insurance plans for dependents; and

WHEREAS by implementing the proposed program modifications, University faculty/staff will be able, on an optional basis, to select and purchase one of the following life insurance plans for spouses and dependent children at premium levels specified:

<table>
<thead>
<tr>
<th>Amount of Life Insurance</th>
<th>Plan I</th>
<th>Plan II</th>
<th>Plan III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spouse</td>
<td>$5,000</td>
<td>$10,000</td>
<td>$10,000</td>
</tr>
<tr>
<td>For each dependent child:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Under 15 days of age</td>
<td>-0-</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>b. 15 days of age but under 6 months of age</td>
<td>500</td>
<td>1,000</td>
<td>2,500</td>
</tr>
<tr>
<td>c. 6 months of age and over</td>
<td>2,500</td>
<td>5,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Monthly premium (faculty/staff payroll deduction)</td>
<td>$2.00</td>
<td>$4.00</td>
<td>$6.00</td>
</tr>
</tbody>
</table>

BE IT RESOLVED, That the President and/or Vice President for Personnel Services be authorized to implement this improvement; and

BE IT FURTHER RESOLVED, That the University’s existing contracts with John Hancock Mutual Life Insurance Company (Contract No. 58175-GTC as amended for faculty/staff and Contract No. 58175-GTC-100 as amended for classified and hourly employees) be amended to include this improvement to the dependents’ group term life insurance, effective November 1, 1980.

Mr. Scott:

Simply what we're asking for approval of is that for many years under the Ohio Revised Code there were express limits as to the amount of insurance that the University could provide for dependents of faculty and staff. The change now is that we have a raise in that ceiling, and what we are suggesting is that we would like to offer the option to the faculty and staff of three basic plans and the plans are spelled out 'Plan 1,' 'Plan 2,' 'Plan 3.' The law further provides that the University is not permitted to pick up the costs for these premiums. We have had the insurance program in effect since 1975, and basically what we are suggesting here is, given the opportunity to increase the upper limits, we would like to propose that the Board allow us to do that for faculty and staff.
July 11, 1980 meeting, Board of Trustees

DEPENDENTS' GROUP TERM LIFE INSURANCE PROGRAM (contd)

Mr. Redman: Where does it say they’re going to pay for it?

Mr. Scott: It is in this middle part here, Mr. Redman, monthly premium faculty and staff payroll deduction—do you see it?

Mr. Redman: Yes, but is that the entire cost?

Mr. Scott: Yes, sir.

Mr. Redman: It doesn't say that.

Mr. Scott: We'll be more precise next time.

Mr. Redman: Your word is sufficient.

Mr. Scott: Thank you.

Mr. Devenow: Any other questions?

Upon motion of Dr. Jacob, seconded by Mr. Redman, 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. 81-21

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. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 11, 1980 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 81-22

RESOLVED, That the report on the University's Investment Portfolio, dated June 30, 1980, 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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COMMENTS BY PRESIDENT HAROLD L. ENARSON

ENROLLMENT

I have several items and it won't take but a moment. Everyone was here this morning at the time of the Educational Affairs Committee when Dr. Schoen reported on summer and autumn enrollments. We're heartened by the fact that our enrollment for the summer session is up 6.6 per cent. We are on target with respect to our anticipated first-quarter freshmen in the coming fall. We are on target with respect to the number of returning students and, in short, we are still enjoying the ample students knocking at our doors. I say that because many of you around this table will be hearing a far different report before this decade is over. You won't be hearing it from me, but you'll be hearing it from somebody; I hope you like her anyway, whoever she is.

WOMEN'S INTERCOLLEGIATE ATHLETICS

One other thing I would like to report on that I hope will be of some interest to you--perhaps I attach more importance to it than I should; although I don't think so. The Council of Ten consists of the Presidents of the Big Ten institutions associated with the Western Athletic Conference, the so-called Big Ten. In large part, at the insistence of this institution and several others, the Council of Ten committed itself to an all-day meeting in Chicago last Monday to be devoted to one topic and one topic only, and to be resolved or else, and that was the issue of the role of women's intercollegiate athletics in our respective institutions.

Now I won't burden you with the Byzantine complexities of the arguments; suffice it to say that several institutions wanted to let women's sports develop independently, develop outside the framework of the Big Ten. They felt, and I know sincerely, that women's sports would be dwarfed by men's sports—the Western Athletic Conference being essentially a conference of men's sports. The majority, of which I was a member, felt otherwise. The question was how to bring this about. I don't have the text of the resolution with me at the moment, but in effect we have now instructed the faculty representatives, one from each institution, along with ten additional faculty members, one from each institution so that's twenty in all. We have asked that group to assemble as quickly as possible and to develop an implementation plan, and just late yesterday afternoon I secured the consent of Dr. Joanne Stevenson, a member of our faculty who, some years ago, served as a member of the Athletic Council. She has agreed to serve on
COMMENTS BY PRESIDENT HAROLD L. ENARSON (contd)

WOMEN'S INTERCOLLEGIATE ATHLETICS (contd)

this group. We have asked that this group get moving immediately. We have scheduled the next meeting of the Council of Ten in Chicago, December 15, and I think there is a reasonably good chance that we'll have a plan by then.

We had considerable discussion this morning about the budget, about the new era, about budget stringencies. I wish that we had been able to act on this matter of women's intercollegiate sports some years ago, but there is a--had we been able to do so, we would now be free to address much larger problems coming down the pike. These are questions of what is affordable in the way of intercollegiate sports. The University of Colorado, as you all know, has abolished seven non-revenue sports. In my judgment that's just the beginning of a development that is going to sweep the country. It is a very, very serious matter in my judgment when a university is forced to invade its academic resources and make dollars available to underwrite an athletic program. We have all been enormously proud of what this University has done over the years. We have a program which is one of self-sufficiency, and it's the firm determination of this administration that it will continue to be self-sufficient. I see this step that the Council of Ten has taken as really the first in a series of steps which will enable us to get a better handhold for costs as well as provide a better framework for getting reasonable consistency in the rules applying to women's sports and men's sports. I simply thought that that ought to be recorded.

Thereupon the Board adjourned to meet Friday, September 5, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman
APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

August 29, 1980
Recipients of Honors

Marshall D. Shulman
Doctor of Laws

Distinguished scholar, teacher, and authority on foreign policy, Marshall D. Shulman is internationally recognized as an expert on Soviet-American relations. His scholarly research and writing reflect the keen insight into world affairs that has made him an invaluable adviser to government. His leadership in the academy, as director of the Russian Institute at Columbia University and in other key positions, has advanced the cause of world understanding. As Special Adviser to the Secretary of State on Soviet Affairs, Ambassador Shulman brings to public service the highest attributes of the scholarly tradition. The Ohio State University is pleased to honor him for his eminent career.

Barbee William Durham
Distinguished Service Award

As staff pharmacist and supervisor of the Reagent Laboratory, Barbee William Durham has served this University for more than 43 years with a high sense of professional mission and unusual dedication. Never one to be satisfied with merely getting the job done, he repeatedly found ways to do the job better. He was an invaluable partner of faculty. His skill and promptness in preparing compounds and his counsel to those engaged in research advanced the purposes of this University. His contributions to professional journals shared his insights with the wider academic community. Beyond the borders of the campus he demonstrated a deep concern for and made lasting contributions to the furtherance of interracial justice. In his personal and professional life, he has brought great credit to his alma mater.

Lawrence E. Kunke
Distinguished Service Award

Professor emeritus of animal science, Lawrence E. Kunke served this University with dedication and distinction for 40 years. Under his leadership, Ohio State developed a superior and unique Meat Laboratory program, combining research and teaching with the preparation and supply of meat for campus use. His research into the improvement of beef cattle and swine earned national distinction. His deep interest in students extended far beyond the requirements of the classroom. As coach of the meats judging team for 18 years, he gave Ohio State students invaluable counsel drawn from a lifetime of experience. His wide-ranging contributions to animal science and his many services in behalf of the total University provide a lasting example of academic citizenship in its fullest and finest meaning.

James W. Phillips
Distinguished Service Award

Loyal alumnus and abiding friend of this University, James W. Phillips has played a significant role in helping Ohio State meet the challenges of academic excellence. In generous measure he invested his time and talent to advance the cause of teaching and research. As chairman of the Development Fund Board of Directors, he provides essential leadership in furthering the University's program of private support. As treasurer of the OSU Alumni Association he demonstrated the deep commitment that has characterized his many services in behalf of alma mater. In all respects, he has been to this University a true friend and partner, sharing its visions and dedicated to its future. For his many contributions, he has earned the high regard and enduring gratitude of The Ohio State University.
Jacqueline D. Sisson
Distinguished Service Award

Nationally recognized fine arts librarian, Jacqueline D. Sisson has served this University with unusual devotion. Her tenure as head of the Fine Arts Library has been marked by qualitative excellence, continuous growth, and involvement in all areas of library service, research, and publication. Under her skilled guidance, one of the finest art libraries in the state was developed at this University. Her pioneering work in regional library cooperation has become a national model. Her prominent position in national art associations has earned for her deserved recognition as a leading librarian in her field. An alumna of this University, she has brought great credit to her alma mater. Even more importantly, she has provided all who have been privileged to be her colleagues with an inspiring example of professional excellence.

Grady Smith
Distinguished Service Award

Former Administration Building custodian, Grady Smith served this University for many years with great dignity and efficiency. His gracious smile, his personal charm, his humane attitude, and his total loyalty to this institution all joined to make him a symbol of the countless members of the supporting staff who dedicate their lives to this University and without whom it could not function. His friendly approach endeared him to all who worked with him. His personal standards of performance were of the highest order. In their own special way, his unique contributions have added their measure to the stature of The Ohio State University. The high character and quality of his service will stand as a model and a continuing challenge to all who follow.

Leo G. Staley
Distinguished Service Award

Professor and director of intramural sports emeritus, Leo G. Staley served this University for 40 years with vision and vitality and played a key role in enriching the lives of thousands of students. Under his leadership for 27 years, the intramural program flourished. He added new sports, increased the number of teams, and promoted the program through an annual handbook—all with the objective of encouraging more students to share the values and benefits of intramural competition. Active in many other aspects of University life, he was well-known for 25 years as the Voice of the Buckeyes at home football and basketball games. Students for generations to come will continue to benefit from his outstanding service and the many contributions he made to his alma mater.

I. Keith Tyler
Distinguished Service Award

Professor emeritus in the College of Education, I. Keith Tyler has been an international leader for more than four decades in the use of radio and television for educational purposes. For 27 years he was the guiding force behind the Institute for Education by Radio and Television. In 1936, he established the highly prized Ohio State Awards to recognize and foster excellence in broadcasting. A gifted and dedicated teacher, he took particular interest in helping foreign students develop programs that could be transferred to other cultures. Through them his influence continues worldwide. The honors he has received can suggest only in a limited way the significance of his many contributions, the high regard and affection of his colleagues, and the unusual distinction with which he has served this University.
Francis P. Weisenburger
Distinguished Service Award

Professor emeritus of history, Francis P. Weisenburger served this University for nearly 50 years with a dedication surpassed only by his unfailing consideration of students and colleagues alike. His scholarly writing provides a rich heritage for students of Ohio history. His exceptional ability to inspire students was widely recognized. Not least among his many lasting contributions to this University is his book, *The Fawcett Years, 1956 to 1972*. The research and writing that went into this volume of the University's history were a labor of love, reflecting a continuing devotion to his scholarly discipline and to the University he served so well for so long. He has earned the abiding affection and respect of his students and colleagues, the ultimate tribute to one who pursues the academic life.
The Graduate School

Dean: Jules B. LaPidas

Doctor of Musical Arts

Robert Michael Daugherty, Jacksonville, N. C.; B.A. (Denison University); M.A.; Music; Dr. Marshall H. Barnes
Eric Paul Ohlson, Hammond, La.; B.M.Ed. (Madison College); M.M.; Music; Dr. Robert A. Titus

Doctor of Philosophy

Joseph Adeboyega Abioye, Iwo, Nigeria; Diplomas (Ahmadu Bello University); B.A. (University of Ife); M.A.; Physical Education; Dr. Seymour Kleinman
James Bruce Achemoody, Columbus; A.B. (Ashbury College); M.S.; Psychiatry; Dr. John R. Chipley
Dwayne Alfred Adcock, Eugene, Ore.; B.A. (Mt. Angel Seminary); M.A. (University of Oregon); Education; Dr. Gilbert A. Jarvis
Mary Lewnes Albrecht, Columbus; B.S. (Butler University); M.S.; Horticulture; Dr. Harry K. Tagaya
Dan Steven Archdeacon, Columbus; A.B. (Earlham College); M.S.; Mathematics; Dr. Henry H. Glover
James Scott Backer, Columbus; B.A. (Rollins College); Genetics; Dr. Carl W. Wirky, Jr.
Dalyann Thiel Badenhop, Archbold; B.S., M.Ed. (Bowling Green State University); Physical Education; Dr. Edward L. Fox
Harish Chander Bahl, Delhi, India; B.M.E. (University of Delhi); M.Tech. (Indian Institute of Technology); Business Administration; Dr. Larry Paul Ritzman
Linda Moffett Bairdridge, Newark; B.F.A. (Ohio University); M.A.; Education; Dr. Lonnie H. Wagstaff
Douglas Wayne Balogh, Columbus; B.S. (Bowling Green State University); Chemistry; Dr. Lee A. Faquette
Edward Michael Bamber, Columbus; B.Ec. (Monash University); Accounting; Dr. Thomas J. Burns
Keith Douglas Barnes, Columbus; B.S. (Lock Haven State College); Chemistry; Dr. John A. Serret
Bamdad Bastani, Tehran, Iran; B.S. (University of Arkansas); M.S.; Electrical Engineering; Dr. Martin O. Thornton
Carlton James Bates, Cahanna; B.S., M.S. (Pennsylvania State University); Mechanical Engineering; Dr. Ernest O. Deselchin

Bheidad Bavarian, Tehran, Iran; B.Sc. (Tehran University); Metallurgical Engineering; Dr. Digby D. Macdonald
Girma Begaishaw, Sidamo, Ethiopia; B.S. (Halle Sellaassie University); M.S. (Michigan State University); Agricultural Economics and Rural Sociology; Dr. Dale W. Adams
Philip Anthony Belcastro, Columbus; B.A. (Brooklyn College); M.A. (Western Kentucky University); Health (Physical Education); Dr. Phillip Heit
Alan Paul Bender, Columbus; B.A., B.S., M.Ed., M.S. (University of Minnesota); Veterinary Preventive Medicine; Dr. C. Richard Dorn
Rosemarie Ann Benya, Columbus; B.A. (Notre Dame College); M.A. (Middlebury College); Education; Dr. Edward D. Allen
Donald Lee Brannan, Worthington; B.A.Ed. (Witchita State University); M.Ed. (College of Idaho); Education; Dr. Aaron J. Miller
Jerome Richard Brockway, Worthington, B.S., M.R. (Bowling Green State University); Education; Dr. James E. Sage
Annick Girard Brown, Columbus; License d'Anglais (University of Nantes); M.A. (Pennsylvania State University); Romance Languages and Literatures; Dr. Hans E. Keller and Dr. David A. Griffin
Maynard Sexton Burkett, Columbus; B.S., M.S.Ed. (Virginia Polytechnic Institute); Agricultural Education; Dr. Lawrence H. Newcomb
Michael Fletcher Burnett, Spartanburg, S. C.; B.S.A.G.Ed., M.A.G.Ed. (Clemson University); Agricultural Education; Dr. J. David McCracken
Carl T. Camden, Columbus; B.A. (Southwest Baptist College); M.A.; M.S. (Central Missouri State University); Communication; Dr. Michael T. Molloy
Eduardo S. Cantas, Manila, Philippines; B.S., M.A. (Xavier University); Agricultural Economics and Rural Sociology; Dr. Donald W. Larson
Arthur Joseph Cara, Columbus; B.A. (University of Dayton); M.A. (University of North Carolina); Communication; Dr. Joseph J. R agency
Wayne Jeffrey Carlson, Columbus; B.S. (Kensington Polytechnic Institute); Astronomy; Dr. Eugene R. Capristo
Robert Wayne Case, Columbus; B.S. (State University of New York at Brockport); Physical Education; Dr. Barbara A. Nelson
John Carroll Chitwood, Xenia; B.A., M.A. (University of Texas); Public Administration; Dr. Sven B. Lundstedt
Bong Dao Choi, Taegu, Korea; B.S., M.S. (Kyungpook National University); Mathematics; Dr. Louis Suckethan
Wing-Sun Chow, Hong Kong; B.P. (Washington State University); Pharmacy; Dr. Louis Malpessa
Frank Joseph Cody, Cleveland; A.B., M.A. (Loysia University); Education; Dr. Walter G. Hack
Robert H. Colen, Columbus; B.A. (University of Notre Dame); M.A.; Accounting; Dr. Thomas J. Burns
Shelby Crowe, Dayton; A.B. (Eastern Kentucky University); M.Ed. (Miami University); Education; Dr. Elise J. Alberty
Lawrence Emmanuel Dalzine, Xienia; B.A. (Texas Southern University); M.A. (University of Houston); Sociology; Dr. John Seidler
Paish Kusum Faridat Das, Bombay, India; B.S. (University of Poona); M.S. (Indian Institute of Technology); Bombay; M.S.; Physics; Dr. K. Narahari Rao
Daniel Lefield Davis, Westerville; B.A. (Otterbein College); M.Ed. (Kent State University); Education; Dr. James V. Wight
Hazel C. Davis, Franklin, Ky.; B.S. (Madison College); M.A. (Western Kentucky University); Education Dr. Anthony A. Olsnick and Dr. Aaron J. Miller
Jerry Grant Davis, Worthington, B.A., M.Ed. (Central State College); Education; Dr. Otto Swanson, Jr.
Barbara Ann Dean, Nashua, N. H.; B.S. (Renaseela Polytechnic Institute); Chemical Physics; Dr. Philip E. Wigen
Steven Roland DeLapp, Minneapolis, Minn.; B.S., M.Ed. (University of North Dakota); Education; Dr. Charlotte S. Haeb
Mary Alice Desiderio, Columbus; B.S. (Florida State University); M.S.; Physiology; Dr. Kenneth M. Hanson
Carmen Diaz, Columbus; B.A., M.S.W. (University of Puerto Rico); Social Work; Robert M. Ryan
Philip Edward Duren, Hartville; B.S. (University of Kentucky); Education; Dr. Alan R. Osborne
Donald Michael Ehret, Canton; B.A. (Bowling Green State University); M.A.; Theatre; Dr. Donald R. Glancy
Sheva Farkas, South Euclid; B.F.A., M.A. (New York University); Communication; Dr. Joseph M. Foley
Patrick James Fell, Fredericksburg, Va.; B.S., M.A. (Pennsylvania State University); M.S.; Geodetic Science; Dr. Ivan I. Mueller
Donald Lewis Fischer, Columbus; B.S. (Southern University and Agricultural and Mechanical College); M.A.; Psychology; Dr. Robert C. MacCollum
Jeffrey Douglas Fisher, Dublin; B.S. (Purdue University); M.R.A. (Wright State University); Business Administration; Dr. Ronald L. Racer
Michael William Fleming, Manchester, Conn.; B.S. (Fairfield University); M.S.; Zoology; Dr. John D. Harder

Sherry L. Dupere Finchum, Cincinnati; B.S., M.S. (University of Cincinnati); Microbiology, Dr. Bruno J. Kolodziej

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Douglas John Forsyth, Columbus; B.S. (Carleton University); M.S.; Zoology; Dr. Tony J. Peters

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Ciska Gercel, Tallahassee, Fla.; Medical Microbiology; Dr. Vincent V. Hamparian

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B. John Prall, Youngstown, Ohio; B.S.; (Youngstown State University); Education; Dr. David L. Biggs

James Allen Quinn, Springfield, B.S. (Ohio University); Plant Pathology; Dr. Charles C. Powell, Jr.

Craig Carlisle Ramsey, Columbus; B.S. (Purdue University); Education; Dr. Philip B. Holland

Roderick William Rate, Columbus; B.Ed. (Ohio State University); Social Work; Dr. Milton W. Edmonston

Virginia Lynn Ready, Columbus; B.A. (Ohio University); Education; Dr. Daryl L. Siedentop

Stephen Robert Rollins, Newbury, Mass.; B.A. (University of Massachusetts); M.S.; Agricultural Education; Dr. Lawrence H. Neuscoff

Charles E. Rollins, Columbus; M.S. (Ohio State University); Horticulture; Dr. Garth A. Crockett

Joey Allen Pacht, Columbus; B.A. (Miami University); Education; Dr. William W. Wayson

Dr. J. Robert Warmbord, Columbus; B.A. (Miami University); M.A.; Geography; Dr. George J. Demko

Joseph Francis Murphy, Menlo Park, Calif.; B.A. (Muscogum College); M.S. (University of Chicago); Education; Dr. Walter G. Haeck

Steven Cary Myers, Akron; B.S. (West Virginia University); M.A.; Economics; Dr. Herbert S. Parnes

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Michael Eugene Palmer, Pensacola, Fla.; B.S., M.A. (Florida State College); Education; Dr. Jon L. Higgins

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Edna Zeigler Schechtmann, Jerusalem, Israel; B.Sc., M.Sc. (Hebrew University of Jerusalem); Statistics; Dr. Danovitch

Deborah Ann Schmidt, Waukesha, Wis.; B.S. (University of Wisconsin, Milwaukee); M.A.; Linguistics; Dr. Catherine A. Callaghan

Jeffrey Alan Schwabenger, Louisville, Ky.; B.A. (University of Dayton); M.A.; Theatre; Dr. Donald R. Glancy

Peter Martin Schwartz, New York, N.Y.; B.S. (University of New York); M.A.; Economics; Dr. William H. Oakland

Jeffrey Edward Schofield, Colorado Springs, Colo.; B.S. (U.S. Air Force Academy); M.A.M. (North Carolina State University); Industrial and Systems Engineering; Dr. Walter C. Gaffin

Cheryl Ann Schrader, Las Vegas, Nev.; B.S.Ed. (Rio Grande College); M.Ed. (University of Nevada); Education; Dr. Anthony C. Blackwell

Patricinia Pagaduan Schweickart, Manila, Philippines; B.S. (University of the Philippines); M.A. (University of Virginia); M.A.; English; Dr. Julian H. Marks

Doreen C. Seidler-Feller, Los Angeles, Calif.; B.A. (Bennington College); M.A.; Psychology; Dr. Andrew J. Schwab

Susan Narwicz Sherwood, Columbus; B.S. (St. Lawrence University); M.A.; Psychology; Dr. Henry Leland

Deborah Kay Shuey, Columbus; B.A. (Otterbein College); Biochemistry; Dr. George S. Serf

Roosevelt Slopekins, Trenton, S. C.; B.A. (Paine College); M.S. (Georgia State College); Music; Dr. A. Peter Costanza

Subhash Chandra Bose Sriruparan, Columbus; B.S. (University of Allahabad); M.S.; Indian Institute of Technology; Agricultural Engineering; Dr. John L. Blasdell

Kitty Wilcox Soldano, Columbus; B.S. (University of Tennessee); M.S.W.; Social Work; Dr. Robert O. Washington

George Sonnborn, Columbus; B.S.; Astronomy; Dr. George V. Collins

Werner Nostag, Ada; B.S., M.A.; Music; Dr. A. Peter Costanza

Richard Carlson, Bexley, Ohio; B.A., M.A. (Washington State University); German; Dr. Henry J. Schmidt

Virginia Lynn Stevenson, Columbus; B.A. (Ohio Wesleyan University); Medical Microbiology; Dr. Raymond W. Lang

Susan Gail Farber Strauss, Columbus, Md.; B.S. (Carnegie University); A.M. (University of Michigan); Psychology; Dr. Charles Wexer
Hiroshi Suzuki, Tokyo, Japan; B.S. (Tokyo University); Mathematics; Dr. Koichiro Horada

Lloyd Paul Svendsen, Worcester, Mass.; B.S., M.S.; Microbiology; Dr. Bruno J. Kolodziej

Carolyn Marie Taylor, Columbus; B.S. (Alabama College); M.A.; Education; Dr. Dewey A. Adams

Edward W. Taylor, Westbrook, Me.; B.A., M.Ed. (Trenton State College); Education; Dr. James J. Buffer, Jr.

Ann Engelhardt Teske, Columbus; B.S., M.S. (University of Texas, Arlington); Education; Dr. James K. Dunn

John Andrew Tilley, Columbus; B.A. (Ashland College); M.A.; Education; Dr. Charles A. Triphahn

Randolph Steven Tipps, Electra, Tex.; B.S. (Texas A&M University); Education; Dr. John B. Allred

Hiroshi Suzuki, Tokyo, Japan; B.S. (Tokyo University); Education; Dr. Bruno J. Kolodziej

Dr. James J. Bulfer, Jr.

Dr. Edward D. Allen

Dr. Robert E. Taylor

Dr. David H. Ives

Dr. Ming-Tsan Liu

Dr. Robert H. Bremner

Larry Michael Rosolowski, Columbus; B.A. (Bowling Green State University); Accounting

James Elliott Patton, Cleveland; Bachelor of Environmental Design (Miami University); Architecture

Harvey Z. Swager, Cleveland; Bachelor of Environmental Design (Miami University); Architecture

William Lawrence Souders, Clarksburg, W. Va.; Bachelor of Design (University of Florida); Architecture

David Lynn Wright, Columbus; B.S. Education (California State College); B.S.; Architecture

Master of Arts

Barbara Ann Acomb, Cincinnati; B.S. in Education (Miami University); Education

Richard William Acton; B.S.Ed. (Ohio University); Education

Jane A. Addington, Columbus; B.S. (Kent State University); Education

Darlene E. Owen Alexander, Marion; B.A. (Ballarmine College); Education

Anita Sims Allen, Columbus; B.A. Education (Capital University); Education

Kristine Parod Allen, Hebron; B.S.; Education

Tanya Kim Alston, Bennettsville, S.C.; B.S. (South Carolina State College); Education

Nancy Lynne Ater, Columbus; B.S. (Bowling Green State University); Education

David K. Babcock, Mount Vernon; B.S. (Central Michigan University); Education

Sharon Kay Badenhop, Wauseon; B.S. (Bowling Green State University); Education

Dale L. Baker, Chillicothe; B.S.; Education

James L. Baker, Mountville, W. Va.; B.S. (Fairmont State College); Education

Marylin Baker, Columbus; B.S.Ed. (Ohio University); Education

Deborah Susan Ballard, Urbana; B.A. (Bowling Green State University); Communication

Duane E. Bartlett, Montpelier; B.S. (Bowling Green State University); Education

Ronald R. Bates, Mansfield; B.A. (Ashland College); Education

Kathy Denise Bearden, Columbus; B.S. (Alabama Agricultural and Mechanical University); Education

Alfred M. Beaver, Westerville; B.A. (Morehead State University); Education

Richard Charles Beck, Mansfield; B.S.Ed., B.F.A.; Physical Education

Vicki Sue Burris Beever, Columbus; B.A. (Capital University); Education
Mary E. Beierle, Canton; B.S.Ed.; Education
Theodore Benke, Springfield; B.A. (University of Dayton); Classics
Francine Elise Bennett, Auburn, Ala.; B.A. (Knoxville College); Education
Martha Louise Bernstein, Akron; B.A. (The University of Akron); Education
Constance C. Berry, Worthington; B.A. (De Pauw University); English
Nicola Katherine Biscuso, Columbus; B.S.Ed.; Education
Maurice D. Blake, Columbus; B.S.; Education
Theresa Massey Bland, Wickliffe; B.S. (Kent State University); Education
Debra Therese Boddye, Enfield, N. C.; B.A. (North Carolina Central University); Education
Claudette Huston Bohl, Columbus; B.S.; Education
Norma Jean Bonen, Galion; B.S.Ed.; Education
Mary Susan Booth, Warren; B.S.Ed. (Ohio University); Education
William Edmund Bonlego, Fairless Hills, Pa.; B.A. (Columbia University); Linguistics
Tamarar Jean Bosley, Columbus; B.S. (Capital University); Education
George Leonard Bowser, Hertford, N. C.; B.S. (North Carolina City State University); Education
Gerard J. Brems, Birmingham, Mich.; B.A. (University of Notre Dame); M.C.R.P.; Public Administration
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Debra Ellen Butler, Columbus; B.A.; Education
Susan Meyer Byer, Columbus; B.S.; Education
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Teresa A. Camperson, New Washington; B.A. (Capital University); Physical Education
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Rebecca Ann Collier, Mansfield; B.S. (Ohio University); Physical Education
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Alberto Gonzalez, Fremont; B.S. (Bowling Green State University); Communication
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Diane L. Green, Newark; B.S.Ed.; Education
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Willie B. Lewis, Hampton, Va.; B.S. (Norfolk State College); Education

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Sally Adkisson Nabil, Champaign, Ill.; B.A., B.A. (University of Illinois); Education
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Annette Nice, Norton; B.S.; Education
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Kathleen Ersfeld Robinson, Columbus; B.S. (Mankato State University); Education
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Joyce Lynne Rosser, St. Croix, Virgin Islands; B.A. (College of the Virgin Islands); Education
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Beth Marie Sallsbury, Liverpool, N.Y.; B.S. (State University of New York at Geneseo); Education
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Stephanie Anne Sarrin, Columbus; A.B. (Oberlin College); Education
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Pamela Ann Scannell, Toledo; Cert.Grad.Dent.Hyg., B.S.Ed.; Physical Education
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Deborah Ellen Schipper, St. Mary's; B.A.; Journalism
Linda Gail Schoen, Columbus; B.A.; Psychology
Carla Lynn Schulteis, Lancaster; B.A. (Capital University); Education
Lynn C. Schweiner, Granville; B.S. (Ohio University); Physical Education
Maryln D. Schwenk, Columbus; B.S.Ed. (Ohio Dominican College); Education
Jerry Neil Sedwick, Groveport; A.B. (Milligan College); Education
Mark R. Sellers, Springfield; B.S. (Miami University); M.S.W.; Public Administration
Ruth Elaine Secco, Columbus; Bachelor of Music (Seton Hill College); Music
Carolyn Jean Seymour, Shilo, B.S.Ed.; Education
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Karen Shafer, Columbus; B.S., M.S.W.; Public Administration
Joseph W. Shannon, III, Columbus; B.A. (Ohio Dominican College); Psychology
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Susan Lee Sherman, Canal Fulton; B.A. (College of the Ozarks); Education
Joy A. Sheldon, Lincoln, Neb.; B.A. (University of Denver); Industrial Design
Kenneth Allen Sholes, Tioga, W. Va.; B.A. (Shepherd College); Education
Sussan Siavoshi, Iran; B.S. (Pahlavi University); Political Science
Kevin James Skehan, Columbus; B.A. (Boston College); Education

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Lorri Ann Smith, North Randall; B.A.; Communication

William Frederick Smith, Laramie, Wyo.; B.A. (University of Wyoming); Theatre

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Kilian Ping-Hung Yung, Hong Kong; B.Sc. (University of Houston); Geography

Karen Kramer Young, Columbus; B.S.Ed.; Education

Cynthia Jo Young, Waterville; Bachelor of Music (University of Cincinnati); Physical Education

Michael Kam-wai Yuen, Toronto, Canada; Bachelor of Commerce (St. Mary's University); Accounting

Friedhelm E. Zanter, Bad Bramstedt, West Germany; Zwischenpruefung (University of Hamburg); Interdisciplinary: Education, Labor and Human Resources and Psychology

Deborah Ann Zeirott, Columbus; B.A. (Cedarville College); Education

Susan Ellen Zink, Cincinnati; B.A. (Cedarville College); Journalism

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Master of Business Administration

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James H. Benney, Columbus; B.A.; Business Administration

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Kristin Anne Krueger, B.A. (University of Colorado); Business Administration

Craig Stephen Martin, North Canton; B.S.; Business Administration

Barbara Ann Mason, Columbus; B.S.; Business Administration

Venugopal P. P. Nair, India; B.Sc. (University of Kerala); M.E. (University of Poona); Business Administration

William J. Nicholson, Columbus; B.A.; Business Administration

Martha Ann McCoy O'Loughlin, Columbus; B.S.; Business Administration

Russell William Queen, Worthington; B.A.; Business Administration

Kip York Randal, Columbus; B.B.A. (Ohio University); Business Administration

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Thomas Michael Robb, Columbus; B.S. (Ohio State University); Business Administration

Robert Lawrence Schain, New York, N. Y.; B.S. (State University of New York at Buffalo); Business Administration

Gregory L. Seelenbinder, Columbus; B.S.Ed.; Business Administration

John Albert Taylor, Columbus; B.S.E.E.; M.S.; Business Administration

William Brian Tunney, St. Louis, Mo.; B.A. (Duquesne University); Business Administration

Master of City and Regional Planning

Milton Wayne Matthews, Tulsa, Okla.; B.A. (Virginia Union University); M.P.A. (Syracuse University); City and Regional Planning

Ethas Seth Orman, Washington, D. C.; B.A. (University of Maryland); City and Regional Planning

Mark Alan Vasko, Asheville; B.S.; City and Regional Planning

John Crawford Wallace, IV, Beltsville; B.S.; City and Regional Planning

Evan John Williams, Columbus; B.S.; Land Arch.; City and Regional Planning

Master of Fine Arts

Jeffrey D. Bastian, Maumee; B.F.A. (Syracuse University); Art

Mark Anthony Bellfront, Mount Carmel, Pa.; B.F.A. (Pennsylvania State University); Art

Alan S. Bennett, Chesterfield; B.F.A.; Art

Brent Alan Combs, Boise, Idaho; B.F.A. (Boise State University); Art

Terry Michael Erickson, Cass Lake, Minn.; B.A., B.S. (Moorhead State University); Art

Thomas Hardy Evola, St. Louis, Mo.; B.F.A. (Washington University); Art

David Justin Hartz; B.F.A. (Akron University); Art

Michael Eugene Horvath, Akron; B.F.A. (University of Akron); Art

Robert Jeffrey Huff, Akron; B.F.A. (University of Akron); Art

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Robert Gary Sadin, New York City, N. Y.; B.F.A. (University of Texas); Art

Carlton Gerrod Thompson, Miami, Fla.; B.S. (Florida Agricultural and Mechanical University); Art

Helen Margaret York, Harrington, Me.; B.F.A. (Kent State University); Art

Master of Health Administration

Scott Thomas Beatty, Columbus; B.A. (Wittenberg University); Allied Medical Professions

Kathleen Marie Cain, Indianapolis, Ind.; A.B. English (Indiana University); Allied Medical Professions

Karen Bonnie Davis, South Plainfield, N. J.; B.A. (Northwestern University); Allied Medical Professions

Dayna C. Emmelhainz, Columbus; B.S.; Allied Medical Professions

Robin S. Freeman, Columbus; B.A.; Allied Medical Professions

Lois Streikling Frech, Columbus; B.A.; Allied Medical Professions

David Warner Miller, Martin, Tenn.; B.S. (Virginia Polytechnic Institute); Allied Medical Professions

Steven Douglas Wolf, Lexington; B.S.; Allied Medical Professions

Master of Labor and Human Resources

Larry Philip Menta, Houston, Tex.; B.S. (University of Houston); Labor and Human Resources

Irene Nowland, Buffalo, N. Y.; B.A.; Labor and Human Resources

Master of Landscape Architecture

Alisa Oka. Hafifa, Israel; B.Arch.; Technion; Landscape Architecture

Master of Music

Frank Elmer Hanson, III, Stow; B.S. Education (University of Akron); Music

Laurie Blough Miller, Dehler; B.Mus.; Music

Richard Jordan Smoot; B.A.; Music

Vicount Francis Thurstor, Columbus; B.Mus.; Music

Master of Public Administration

Jane Karen Gray, Perryburg; B.S.; Public Administration

Master of Science

Issaiah Abdullah, Penang, Malaysia; Diploma (Mara Institute of Technology); B.S.; Agricultural Economics

Saiwz Muhammad Abdul-Rauf, Egypt; B.S. (Georgetown University); Computer and Information Science

Olorunfemi Stephen Aladeselu, Ogbagi, Nigeria; B.Sc. (University of Ife); Computer and Information Science
Mary Jane Allbright, West Milton; B.S.N. (Miami University); Nursing
John Barnard Allen, Columbus; B.A. (Wittenberg University); Computer and Information Science
Rosa Lee Allen, Sierra Madre, Calif.; B.S. (California Polytechnic State University); Animal Science
Lucille Marilyn May Kriger d'Amorin Antony, Manaus, Brazil; B.S.; Entomology
Nebolisa Ostita Arar, Osithika, Nigeria; B.Sc. (University of Ibadan); Agricultural Economics and Rural Sociology
Farid Askari, Tehran, Iran; B.S.C.E. (Purdue University); Civil Engineering
Robert L. Barnes, Columbus; B.S.; Home Economics
Randall James Bayer, East Aurora, N.Y.; B.S. (Cornell University); Botany
Gail Boschini Bennett, Seven Hills; B.S. (Bowling Green State University); Home Economics
Mark Edwin Beel, Columbus; B.S.Land.Arch.; Natural Resources
Dale L. Bowman, Springfield, B.S. (Tennessee Technological University); Agricultural Education
Debra DeVore Bragg, Hammond, Ill.; B.S. (University of Illinois); Home Economics
Gary Lee Brannick, Springfield; B.S.; M.S.; Computer and Information Science
Lawrence Charles Brooks, Verona, N.J.; B.S. (Cornell University); Pathology
Bruce Stanley Burdick, Huron; B.S. (Heidelberg College); Mathematics
Alan James Burkholder, Upper Arlington; M.S. (Purdue University); Computer and Information Science
Richard Joseph Burkholder, Penerville; B.S.Agr.; Agricultural Education
Thomas Clare Bylander, Columbus; B.S. (University of South Dakota); Computer and Information Science
John T. Carl, Unionville Center; B.S.; Agricultural Education
Fuhuo Cheng, Taichn, Taiwan, R.O.C.; M.S.; Computer and Information Science
Kiran Babu Chilikamarri, Vijayawada, India; B.Stat. (Indian Statistical Institute); Mathematics
Shirish M. Chitame, Bombay, India; B.S., M.S. (University of Bombay); Physics
Robert Earl Choate, Columbus; B.A.; Geology and Mineralogy
Linda Louise Clem, Chillicothe; B.S.; Home Economics
Deborah Ann Coleman, Columbus; B.S.Nurs.; Nutrition
Timothy Peter Condon, Columbus; B.S. (Boston College); Physiology
David Allan Coover, Willard; B.S.M.E.; Mechanical Engineering
Emily Hollar Courson, Newark; B.S.Nurs.; Nursing
Linda S. Kutalak Daley, Blaine; B.S.Nurs. (Ohio University); Nursing
Dona Cecilia Davis, Mingo Junction; B.S.; Allied Medical Professions
Michael R. Dick, Shelby; B.A. (University of Colorado); Pathology
James Steven Dingman, Norfolk, Va.; B.S. (Temple University); Computer and Information Science
Deidre Ann Huddle, Columbus; B.S.H.E.; Home Economics
Larry R. Fry, Liberty Center; B.S.; Biological Education
Shashi Kumar Gadia, Columbus; A.M.; Ph.D. (University of Illinois); Computer and Information Science
Ruth Leverenz Gatz, Rochester, N.Y.; B.A. (Ohio Wesleyan University); Genetics
David William Gear, Cincinnati; B.S.M.E.; Mechanical Engineering
Lynne Genter, Napoleon; B.S.Nurs.; Nursing
Mary L. Gesner, Mansfield; B.S.; Natural Resources
Martha Swisher Gibbide, Columbus; B.S. (Ohio University); Home Economics
Ashok Kumar Goel; B.S. (Kurukshetra University); M.S. (Indian Institute of Technology); Physics
Patrick Leland Graham, Xenia; B.S.; Animal Science
Alex Ray Greene, Deep Gap, N.C.; B.A., M.A. (Appalachian State University); Mathematics
Edward Wafiz Greenalit, Columbus; B.A. Physics (Gettysburg College); Nuclear Engineering
Albert Gregory Hakain, Cleveland; B.A. (Ohio Wesleyan University); Physiology
Hobart Layton Harmon, Mount Hope, W. Va.; B.S.Agr. (West Virginia University); Agricultural Education
Beryl Jo Harris, Cleveland; B.S. (Baldwin-Wallace College); Home Economics
Laura Lynne Hawkins, Dayton; B.S. (Kansas State University); Computer and Information Science
Judith Lynne Hays, Spokane, Wash.; B.S. (University of Washington); Geology and Mineralogy
Gregoriotu Theodorous Hembekides, Beirut, Lebanon; B.S. (Panhandle State University); Agronomy
Janet L. Henderson, Bay Village; B.S.Agr.; Agricultural Education
Robert Lee Hines, Asheville; Bachelor of Urban Planning and Design (University of Cincinnati); Agricultural Economics and Rural Sociology
Christina Robinson Hogarth, Kettering; B.S.N. (Miami University); Nursing
Michael D. Hogg, Kirland; B.S.; Geology and Mineralogy
Kuang-Liang Hsu, Kaohsuing, Taiwan, R.O.C.; B.S.E. (National Cheng-Kung University); M.S.; Welding Engineering
Michael Chiu-Huei Hu, R.O.C.; B.S. (National Cheng-Kung University); Chemical Engineering
Cheng-Hsiang Huang, Hsin Chu, Taiwan, R.O.C.; B.S. (Fu Jen University); Mathematics
Verna Hubbard, Westerville; B.S.Nurs.; Nursing
Clark S. Huchaby, Dayton; B.S. (Ohio University); Biology
Deidre Ann Huddle, Columbus; B.S.H.E.; Home Economics
Erwin Cornelius Hudson, Elizabeth City, N. C.; B.S.E.E. (North Carolina State University); Electrical Engineering
Jeffrey P. Hullinger, Westerville; B.S.C.E. (Purdue University); Chemical Engineering
Jaclyn U. Hutchings, Columbus; B.S. (University of Colorado); Natural Resources
Barbara Jane Hyler, South Point; B.S. (University of Virginia); Nursing
Vijay Anant Shende, Bombay, India; Bachelor of Technology (Indian Institute of Technology); Metallurgical Engineering

Wen-Jang Shieh, Chungli, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); Agronomy

Mark Stephen Shirkey, Elyria; B.S.; Animal Science

Denise Ann Shockley, Sctowntown; B.S.H.E.; Home Economics

Patrick D. Simmons, Fort Valley, Ga.; B.S. (Tuskegee Institute); Home Economics

Joan Pedersen Skully, Lake Hopatcong, N. J.; B.A. (College of Wooster); Chemistry

John Dean Slater, Louisville; B.S.; Agricultural Education

Laurence I. Solomon, San Fernando, Trinidad; B.Sc. (London University); Industrial and Systems Engineering

Cindy Lee Sommer, Brookville; B.S. (Wright State University); Computer and Information Science

Gloria Vida Staples, Chicago, Ill.; B.S. (Elmhurst College); Zoology

Douglas J. Stukenborg, Dayton; B.A.E. (University of Cincinnati); Mechanical Engineering

John Charles Stultz, Mt. Vernon; B.S.E.P.; Nuclear Engineering

Kwa-Sur Tam, Hong Kong; B.S. (Washington University); Electrical Engineering

Juiping A. Tang, Taiwan, R.O.C.; B.S. (National Taiwan University); Industrial and Systems Engineering

Elisabeth Julia Coler Taylor, Dayton; B.A. (Wayne State University); Home Economics

Karen Templeton, Findlay; A.B. (Kenyon College); Microbiology

Yu-Teh Teng, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); Computer and Information Science

Mark S. Thomas, Bellefontaine; A.B.; Botany (Miami University); Agricultural Education

Paul A. Treka, Montgomery, Minn.; B.S. (Mankato State University); Agronomy

Chi-Sing Daniel Tse, Hung Kong; B.S. (University of Kansas); Computer and Information Science

Penjung Tsang, Taipei, Taiwan, R.O.C.; B.S. (National Chiao Tung University); Electrical Engineering

Susan Marie Dietrich Vasco, Maracay, Venezuela; D.V.M. (Central University of Venezuela); Veterinary Physiology and Pharmacology

Felix Vega, Maracay, Venezuela; D.V.M. (Central University of Venezuela); Veterinary Physiology and Pharmacology

Cynthia A. Wagner, Berlin Center; B.S. (Youngstown State University); Botany

Cynthia Kaye Wagner, Hillsboro; B.S.; Agronomy

W. James Waldman, Youngstown; B.S. (University Without Walls); Allied Medical Professions

Joseph E. Walton, Vienna; B.S.; Food Science and Nutrition

Shi-Wong Wang, Taiwan, R.O.C.; M.S. (National Tsing Hua University); Electrical Engineering

Yu-Wing Wang; Computer and Information Science

Kenneth Allan Ward, Manhattan, Kans.; B.S.E.E. (Kansas State University); Computer and Information Science

Carl A. Waters, Cincinnati; B.A. (University of Cincinnati); M.S.; Computer and Information Science

Susan Ensor Waters, Medina; B.S., M.S.; Computer and Information Science

Orna Weisler; B.R.A.; Computer and Information Science

Ann Marie Whittach, Columbus; B.S.N. (Mount St. Joseph College); Nursing

Iennis H. Wiegman, Westerville; B.A. (Capital University); Natural Resources

Lorothy J. Williams, Monroeville, Ala.; B.S. (Alabama Agricultural and Mechanical University); Home Economics

Yu-Sue Won, Taian, Taiwan, R.O.C.; B.S. (Cheng-Kung University); Metallurgical Engineering

D. E. Wooten; B.S. (University of Cincinnati); Agricultural Education

Diep Van Xieu; B.S., M.S. (Pennsylvania State University); Mechanical Engineering

Chao Wo Yang, Taipe, Taiwan, R.O.C.; B.S. (Tungchi University); Mathematics

Yaw-Chung Yang, Taipe, Taiwan, R.O.C.; B.S. (National Taiwan University); Chemical Engineering

Adnan Charles Yaquq, Columbus; B.S. (University of California at Davis); Electrical Engineering

Chih-Yi Jerry Yen, Taipe, Taiwan, R.O.C.; B.S. (Fu Jen University); M.S.; Electrical Engineering

Deborah Ann Young, Vandergrift, Pa.; B.S. (Pennsylvania State University); Microbiology

Hui-Yun Rosanna Yuan, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); Computer and Information Science

Debra M. Zimpfer, Findlay; B.S. (Bowling Green State University); Allied Medical Professions

### Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Colin B. B. Bull

Vice Provost for the Arts and Sciences: Thomas Wilkie

The Colleges of the Arts and Sciences, a federation of five colleges, include:

- 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

### Bachelor of Arts

Jeffrey Allen Cifracic, Cleveland

Deborah Rue Crawford, Denver, Colo.

David A. Dohrmann, Alliance

Christopher Jay Hinshaw, Galena

Thomas C. Kerr, Columbus

Gary Wilson Talbott, Moscow, Idaho

Michael Paul Teaper, Toledo

Nelson Andrew White, Alliance

### Bachelor of Fine Arts

Leila Marie Bowman, Columbus

Bryan Robert Cain, Columbus

Adelaide Ann Camillo, Cleveland

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Sarah Jayne Dzurik, Lakewood

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Dennis W. Gordon, Columbus

Vivian Jane Hamilton, Columbus

Suzanne T. Laird, Columbus

Irene Phyllis Pietro, Dover
Bachelor of Music
John Carter Jastram, Columbus

Bachelor of Art Education 1
Nancy Hein Brock, Columbus
Sharon Souder Butcher, Columbus
David Fitzpatrick, Mt. Gilead
Rodney Dean Hayes, Dublin
Hayen Ann Jones, Columbus
Lisa Margaret Pachuta, Coshocton
Irene Phyllis Pietro, Dover

Bachelor of Music Education 1
Linda Louise Pottebaum, Middletown

Bachelor of Science in Industrial Design
Jill Ann Ehlers, Columbus
Mark Frederick Heine, Toledo
Bret Edward Kline, Richmond, Va.
Jeffrey Lasting Kline, Youngstown
Larry Alan Morgan, Granville
B.A.
Garth Tracy Price, Brecksville
Anthony W. Ritter, Columbus

College of Biological Sciences
Dean: Patrick R. Dugan

Bachelor of Science
Leahie Kay Allen, Columbus
Kirk Stephen Backhead, Fairborn
Kent T. Bruggeman, Centerville
Donna Marie Bucci, Lima
Richard R. Cody, Cincinnati
Mignon Renee Davis, Cleveland
Bonnie Lou Denega, Parma Hts.
David Lawrence Dyer, Columbus
Patrick W. Flinn, Dayton
Millicent Jeanne Gaither, Indianapolis, Ind.
B. Barbara Hullihan, Painesville
Marlene Kay Kaceniska, Columbus
Gian Edward Kain, Upper Arlington
Benjamin Richard Kish, Jr., Parma
Jeffrey Kenneth Landers, Cincinnati
Andrew Harry Levy, New Rochelle, N. Y.
Greg Arthur Merkle, Dayton
Joel Rene Pascue, Clyde
David Christopher Plelak, Elyria
Mary Kay Schwab, Dublin
Cathy E. Sevin, Beachwood

College of Humanities
Dean: Diether H. Haeincke

Bachelor of Arts
Jon Ackerman, Columbus
James Clark Adams, Columbus
Shelli Benette Banks, Wollingboro, N. J.
Jeffrey James Beal, Columbus
Olf P. Beshoef, Columbus
Jon Matthew Browning, Grandview Hts.
Lawrence Alan Buhrow, Columbus
William Samuel Calabretta, Columbus
Patrick Anthony Calhoun, Euclid
Sherry Lee Christmas, Columbus
John Ellis Crum, Atlanta
Laura Ann E. Feldmann, Marion
Jeffrey Peyko, Pickerington
George Michael Green, Columbus
Julie Elizabeth Grinstead, Columbus
James Philip Halls, Columbus
Susan Lee Kline, Youngstown
Barbara Ann Haugh, Arlington
Donna Marie Howie, Columbus
Roger Gordin Johnston, Cleveland
Barbara Ann Kinn, Columbus
Mary Ellen Linville, Deerfield, Ill.
S. David Phillips, Columbus
Tolulope Tolupe, Columbus
Patricia Lynn Rainey, Columbus
Sara L. Markle, Newark
Daniel Bascom Moore, Columbus
Patrick Anthony Calhoun, Euclid
Patricia Lynn Rainey, Columbus
Nancy M. Sansouci, Dublin
Pamela Jill Schneider, N. Canton
Steven Eric Schupbach, Columbus
Bruce Edward Sitz, Milford
Beverly Sue Shailer, Westerville
Ada B. Sickmeier, Columbus
Robin Hopp Smith, Sylvania
Dianne Kay Spaun, Columbus
Susan Loren Tarr, Columbus
Robert W. Wawrzyniec, Columbus
Lorraine Laine Withem, Bucyrus
Kevin Leighton Wright, Westerville
Mary Josephine Zuber, Columbus

College of Mathematical and Physical Sciences
Dean: Colin B. B. Bull

Bachelor of Arts
Ruth Amy Brazacent, New Albany
Thomas David Campana, Lorain
Cheryl Ann Ciotti, Elyria
Michael John Filipiak, Roswell
Mohammed B. Ghaiziajker, Esfahan, Iran
Charles Eugene Hafey, Lockbourne
Samar Ahmed Hammad, Columbus
Edward A. Hinakaw, Columbus
Alan Horwitz, Columbus
Cheryl Ann Jones, Columbus
Kevin Robert Kinneer, Columbus
Hyun Sook Kim, Vermilion
Nematollah Naderi, Tehran, Iran
Steven R. Orr, Columbus
Jose Miguel Pedroso, Dalton
John Edward Schmitz, Columbus
Mark Alan Shellhorn, Columbus
Jeffrey Taylor Vincent, Mayfield Heights
Michael Roger Wease, Harrisonville
Richard Lee White, Wimmesco, Nev.

College of Social and Behavioral Sciences
Dean: S. Earl Brown

Bachelor of Arts
Jean Gwendolyn Albert, Forest
Judith Wilhelm Allamano, Columbus
Christine Marie Anderson, Kirtland
Jenessy Marie Anderson, Cincinnati
Patricia Ann Bacho, Lakeview
Steven Lawrence Baden, Pepper Pike
Mary Diane Baur, S. Elyria
Wayne Barring, Toledo
Nancy Ann Bassert, Lorain
Joyce A. Berger, Columbus
Judith W. Berntson, Columbus
Kassandra Jean Blair, Marietta
Jay Myers Blandy, Westerville
Kathleen Marquise Smith, Powell
Matthew E. Whitaker, Cincinnati
Kathleen Zieminski Wolf, Rocky River

Offered jointly by the College of the Arts and the College of Education

Bachelor of Science
Michel Recardo Arnold, Columbus
Lisa Ann warmer, Delaware

College of Education
Dean: Diether H. Haeincke
Douglas L. Sisson, Bidwell
James L. Slaughter, Columbus
Donna Summersour Smith, Columbus
Daniel Paul Stallard, Portsmouth
Paul Avram Stanco, Westlake
Sharon Louise Steiber, Rochester, N. Y.
Michael David Storey, Dayton
Craig Stephen Swartz, Middleburg Hts.
David Charles Swasey, New Philadelphia
Cynthia Lauren Talbot, Miami, Florida
Howard Taub, Beachwood
James Clay Tetrick, Columbus
Deborah A-Z. Thon, Columbus
Lorah M. Tidwell, Powell
Mary Reanne Toles, Columbus
Mary Elizabeth Ufer, Pepper Pike
Barbara Lee Vining, Jackson, Ohio.
Jimmy Jack Volkert, Rickleville
Cyndi Ann Welanger, Orange, N. J.
Paul Richard Weishampel, Avon Lake
Sara Marie West, Columbus
Christine Eve Whalen, Columbus
Charles L. Wilkins, Columbus
Claudia Diane Williams, Columbus
Meteo L. Williams, Columbus
Lynnette Francine Wemack, Garfield Hts.
Gregory William Wourns, Dayton

Bachelor of Science

Michael Andrew Borelli, Columbus
Bruce Arnold Brachey, Jr., Frederic, Md.
Margaret Ann Busher, Euclid
Nancy Ann Cline, Zoisdale, Ind.
William LeRoy Cook, Toledo
Diane Ogle, Northfield, Minn.
Gary Rolf Denig, Wapakoneta
Jerry DiDioy, Champion
Phyllis Dietrich, Luray
Karen Ann Eyberger, Mingo Junction
Don L. Hailey, Vermilion
Diane Corcoran Hutcheson, Circleville
Marni Mari Jones, Pemberville
Lynn A. LaBaugh, Wooster
James Russell Locke, Marion
Donna Oksana Maleckyj, Seven Hills
Nancy Ann Morris, Lancaster
Linus Udemarzke Ockes, Columbus
Marybeth Rich, South Amherst
Jeffrey Bruce Sanborn, Huron
Eric A. Smith, Portasia
Martha Lynn Smith, Columbus
Marsha Rocker Turback, South Reynoldsburg
Garry Lynn Wiens, Columbus
Hong-Ta Youh, Seoul, Korea

School of Journalism

Bachelor of Arts in Journalism

John Ernest Bales, Columbus
Cheryl Lynn Beck, Cadiz
Clarence William Blackhurst, Jr., Worthington
Mary Lynn Burnham-Hicks, Worthington
Janice Lynn Carroll, Dayton
Douglas Scott Dankworth, Piqua
Christine Lynn Fetch, Lisbon
Donald Edward Fitchen, Mingo Junction
Curtis Ross Fo, Columbus

Lindsay S. Gerard, Columbus
Kellie Ann Grant, Columbus
Jill M. Hardesty, Casey, N. Y.
Barbara Jean Hatake, Garfield Hts.
Nancy Alicia Hill, Columbus
Daniel Owen Hutaan, Lima
Deborah Ann Justus, Columbus
Claire Marie Kenerly, Springfield
Jean A. Kinney, Columbus
Elizabeth Marie Kolasa, Parma
Audrey Hope Krehnold, Coral Gables, Fla.
Elena Ann LaFrazia, Warwick, R. I.
Renee Mertens Lusk, Euclid
Marianne Maher, Mt. Gilead
Donald Steven Mark, Columbus
Shari Lynn Marshall, Lanham, Md.
Mary Elizabeth Orkin, South Euclid
Douglas S. Papacyzky, Worthington
Jeffrey Allen Pettit, Mt. Healthy
Sally Beth Remosey, Euclid
Mark Steven Shonaker, Columbus
Donald Snow Smith, Cayahoga Falls
Dennis Paul Smith, Cincinnati
Robert C. Smythe, Upper Arlington
Rebecca Jane Wehausen, Columbus
Craig Paul Williamson, Brooklyn
Cheryl Anne Wood, Minnaburg
Michael G. Zimmerman, Cossington

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

William Dale Abeggell, Alliance
Peter Altemir Agbimien, Berin City, Nigeria
James Richard Ahearn, Jr., Minster
Michael Alan Ament, Mansfield
William Richard Ash, Delaware
John Randall Austin, Jr., Lima
James Mark Ballard, Middletboro, Ky.
Janet Bardin, Dallas, Tex.
George John Bertsch, Kettering
Philip Bruce Bartlett, Bellefontaine
Annette Bassett, Columbus
Thomas Charles Baughman, Alliance
Atemine Aghimien, Columbus
Sally Elainie Blankemeier, Leipsic
Nancy Ann Marshall, Lancaster
David Andrew Borelli, Columbus
Bruce Bartlett, Bellefontaine
William Dustin Brown, Columbus
Mary Ellen Bunk, Mount Vernon
William Bruce Burck, Dayton
Kim Yvonne Rivers, Beachwood
Shirley Ann Rogers, Fairborn
Karen Ruth Rozenthal, Marysville
Joseph Stuart Rowdall, Jr., Columbus
Susan Mary Ryan, Columbus
Nancy Ann Schlenker, Mansfield
E. A. Mitchell, Mansfield
Christine George Signoracci, Columbus

Edgewood Arsnel, MD
Carnegie, Pa.
Keio University, Tokyo, Japan
N. J. E. University, N. J.
Alaunia, Panama

85
Bachelor of Science in Agriculture

Abu Bakar Bin Adam, Kuala Lumpur, Malaysia
David Bruce Andrews, Columbus
Darrell David Baehr, Dela
diane Kay Bandy, Berlin Center
Arthur Curtis Bенко, Medina
David Wayne Bauchman, Canal Winchester
Steven Louis Berk, Brookville
Timothy John Brawy, Buffalo
Pamela Arlene Castle, Columbus
Thomas C. Dewiler, Seville
William John Follinger, Ga
e
Erika Marie Gadowski, Broadview Hts.
Michael Dowan Gempf, Findlay
Robert Elizabeth Hart, Huntsville
Deborah Louise Henschen, Oak Park
Todd Richard Kemmerer, Pleasantville
Vanessa Renee K建筑物, Columbus
Walter Thomas Klimmek, Cincinnati
Douglas Robert Linton, Clifton, Va.
Thomas Allen Looby, Galloway
Michele Ann Martino, Hubbard
John Lynette Medaugh, Van Wert
Kent William Mercer, Columbus
Robert John Miller, St. Clairsville
Denis Paul Mitro, Amherst
Tanya Menique Moore, Cleveland
Lisa Ann Oettlinger, Reynoldsburg
Tamara Ann Pierce, Columbus
David Wayne Pope, Parma
Linda Jane Randels, Worthington
Lisa Ann Rihl, Cedarville
Rickey Scott Roe, Marion
Daniel Scott Euger, Plain City
Susan Angela Sadinski, Youngstown
Martin Anthony Schneible, Kettering
Richard James Sherlock, Jr., Lima
David Roy Smith, Xenia
Robert Alan Swift, Parma Hts.
Chris Eugene Tope, Lancaster
Dominic Verrilll, III, Columbus
Kerby Edward Watts, Marion
William Joseph Wolf, Bay Village
Carl Lee Wolfe, Bristowville
Ben A. Young, Yellow Springs
James Edward Zobran, Sheffield Lake

Bachelor of Science in Agriculture (Food Science)

Matthias Heifrich, Fairview Park
Edward Lynne Ott, Cortland

Bachelor of Science in Agriculture (Food Technology)

George Edward Guja, Canfield
Donald Frederick Heffner, Morrisville, Pa.

Bachelor of Science in Nutrition

James Alonso Applegate, Jr., McDermott
Burt Warren Leeman, Cincinnati

Bachelor of Science in Nutrition (Home Economics)

Lisa Patton Barrett, Dublin
Alice Ruth Berg, Columbus
Diane Rocelle Bedi, Columbus
Paula Jo Bonfini, Bellview Heights
Shelia Kay Bruener, Little Hocking
Beverly Ann Brock, Columbus
Paula Lynn Brunner, Charmont
Constance Sue Butts, Mt. Sterling
Kathy Lynne Coakley, Carroll
Renee Irene Cowley, Marion
Karen Ann Cuprik, Columbus
Jane Margaret Davenport, Bay Village
Adrienne Catherine Dayer, Centerville
Alisa Marie Dyer, Columbus
Natei Lyon Fuller, Columbus
Miriam Galevi, Oregon
Jean E. Gerstner, St. Marys
Robin Lee Hallowell, Columbus
Julie Harrison, Bay Village
Deborah Mayne Henry, Dayton
Jennifer Mihaila Hora, Springfield
Stephanie Ann Hooks, Columbus
James Alonzo Applegate, Jr., McDermott
Burt Warren Leeman, Cincinnati

Bachelor of Science in Natural Resources

Sharon Elizabeth Areen, Vandalia
Geri Lynn Beck, Dayton
Thomas Lee Bigelow, Delaware
Stephen Parker Boudinot, Logan
John Martin Breckbill, Canton
Christopher Alan Buce, Grove City
Robert William Cifranic, Brookpark
Michael Edward Conrad, Waterloo, Ontario
John Morton Daughtery, Lore City
Daniel Lee Edwards, Columbus
Pamela Sue Farber, New Albany
Karen Kaye Gallogly, Columbus
George Frederick Hambach, Mt. Perry
David Kent Helber, Logan
Curtis Edward Henss, Conover
Mark Allen Hersman, Lucas
Steven Latham Hullihen, Pataskala
Donald Dehart Jacobs, Bexley, N.Y.
Brian Dwight Landrum, Hillboro
William E. Loder, Hamilton
William Edward Lynam, Jr., Dayton
Renee Lynn Mackey, Stow
Jerry Wynn Mohler, Columbus
Daniel Lee Moore, Columbus
Andrew Barker Morris, Springfield
Bruce Raymond Motchel, Avon
Crystal Cecilia Noll, Somerset
Paul David Petcher, Parma
Raymond William Petering, Cincinnati
Anzia Marie Ralich, Elyria
Nancy Jean Ryan, Lakewood
Douglas Lee Secrist, Columbus
Renee Dawn Tice, Columbus
Janice Carolyn Wetherbee, Columbus
Gary Joseph Zakrajsek, Willoughby

Agricultural Technical Institute-Wooster

Associate in Applied Science

Mark Joseph Andray, Toledo
Tawn Gaye Benson, Waynesville
Denise Mary Beohmerle, Medina
Jeffrey Lynn Davis, Akron
Kevin Quinn Davis, Sunbury
Joyce Ann Hitch, Brunswick
Laura Lee Fox, Newark
Diane Marie Francis, Rootstown
John Joseph Gaetano, North Olmsted
Ted Edward Hardulak, Brooklyn
Duane Richard Hoover, II, Columbus
Raymond Scott Johnson, Hamilton
Hanna Sue Johnston, New Lexington
Christopher Sterling Sherman, Columbus
Christopher Barrett Sumner, Columbus
David Lee West, Columbus
John Thomas Wilcox, Plain City
James Jacob Yearsin, Columbus

Bachelor of Science in Engineering Physics
David M. Behrman, Hilliard

Industrial Engineer
Chimeriem Mey Chukwuigwe, Port Harcourt, Nigeria

Bachelor of Science in Industrial and Systems Engineering
Beth Arline Ewing, Cleveland
Michael Edward Johnson, Columbus
Kevin Clifton Nash, Gahanna
Collette Denise Pierce, Cleveland
Keith Alan Rieselsberger, Avon

Bachelor of Science in Mechanical Engineering
Mathew Wayne Ales, Columbus
Mark Crafts Alty, Urbana
Brian George Anina, Reynoldsburg
William Allen Appleton, Lucasville
David Alan Brown, Sandusky
Kenton Robert Brune, Mansfield
Douglas Scott Coffey, Avon Lake
Douglas Howard Faber, Hudson
Martin Eugene Perrell, Chippewa Lake
Giaant Grady Ford, Dayton
Richard Lee Gaines, Columbus
Thomas William Goodnight, Lima
Paul Joseph Grover, Attica
Lawrence Joseph Gutkowski, Parma
Gregory William Kemof, Grove City
Mark Anthony Lamantia, Toronto
Theodore John Leithart, Whitehall
Mark Robert Moldovan, Youngstown
Kurt H. Neubaumer, Columbus
Robert Lowell Oelrich, Jr., Pittsburgh
Dicki Lee Miller, Fullerton, Calif.

Bachelor of Science in Architecture
Robert Joseph Acciarri, Parma
Khalid Waleed Alkhudays, Columbus
James Edward Boy, Kenmore, N. Y.
Beverly Jean Cowlon, Jefferson
Theodore John Dombrski, Stratford, Conn.
Donald Thomas Kaliszewski, Avon Lake
James Richard Lyons, Lorain
Mark Thomas McGatha, Austin, Tex.
Dana Kent Moosner, Columbus
Abdol-Rahim Nesvaderani, Rockville, Md.

Bachelor of Science in Landscape Architecture
Rosalyn Joan Anderson, Englewood
Theresa Elaine Doodan, Harrisburg, Pa.
Dana Jay Hepler, Soffer, N.Y.
Linda Lee Hiltbablka, Ellida
Syllvern, William Hrivnak, Lorain
Brad Lecy Hooper, Cherry Hill, N. J.
Michael Andrew Hrvinak, Ellida
Bernard Lelbo, Newton, Mass.
Dieci Lee Miller, Fullerton, Calif.
Louis George Vlahos, Lorain

College of Medicine
Jean: Henry G. Cramblett, M.D.

Doctor of Medicine
Jeffrey Ray Blood, Conneaut
Barbara Ellen Carr, Wintersville
Barbara Ellen Carr, Wintersville
B.A., Wittenberg University
Mary Ellen Anne Guroy, Willoughby
Blaine Michael Liner, Cincinnati
B.A., University of Cincinnati
Catherine L. O'Donnell, Dayton
B.S., Wright State University
Steven Joseph Saul, Troy

Richard Jon Wuest, Harrison
B.S. (University of Cincinnati)

School of Allied Medical Professions
Jole Anne Banks, Enoon
Ronald Scott Ball, Canoe City, Colo.
Asa Bodas, Columbus
Cheryl Marie Britton, Sulphur Springs
Denise Elaine Brown, Birmingham, Mich.
Trudy Marie Campbell, Cleveland
Diane Marie Coutte, Bellevue
Stephen Paul Crothers, Brisbane, Australia
Nancy Jean Dick, Columbus
Hana Rosalyn Eto, Cleveland
Safarz Mounir El-Dine, Mansfield
Shelby B. Feigelson, Wyoming
Mary Marlene Friedman, Pomuary
Kellei Jeanne Hainger, Columbus
Kellei Lynn Hardin, Zanesville
Rita Hyung Yu Hong, E. Amherst, N. Y.
Cynthia Lou Kiente, Grove City
Etty Mataton, Columbus
Stephanie Helen Moser, Lakewood
Christine Marie Oberfled, Newark
Odis Scales, III, Dayton
Diane Marie Smith, E. Liverpool
Linda Kay Stang, Salem
Wanda Paullette Tolbert, Cleveland
Kathryn Sorine Weisenberger, Portsmouth
Kimberly Jane Winer, Newark
Mary Katherine Yaneck, Fushing

School of Nursing
Bachelor of Science in Nursing
Suzanne Elizabeth Bahr, Dayton
LaAnn Beavers, Wasonne
Judith Nina Bird, Norwalk, Conn.
Susan Kathleen Bischof, Wooster
Cynthia Renee Bradley, Middletown
Christine Ann Dillon, Columbus
Patricia Ann Dlouby, Broadview Heights
Cecilia Annette Franko, Hubbard
Elizabeth Anne Galabia, Tiffin
Jill Gustafson, Poland
Cheri Marie Hada, Painesville
Barbara Ann Stanthorh, Columbus
Heidi Beth Hudson, Parma
Elizabeth Anna Humphrey, Lakewood
Karen Anne Jalericz, Brecksville
Karen Kay Kanatas, Dublin
Claudia Finko Kock, Columbus
Kathleen Marie Kubus, Campbell
Patricia Louise Lewis, Lima
Michelle Lynn, Lima
Cynthia Sue Miller, Archbold
Jane Ellen Mohler, North Canton
Heidi Sue Moxy, Uniontown
Suean Lyons Nettler, Columbus
Stephen Michael O'Bryan, Columbus
Jean Ann Rampton, Columbus
Susan Mary Saxon, Warren
Kimberly Kay Snavley, Sidney
Terri Lynn Gibbs Taulbee, Middletown
Cynthia Marthe Toth, North Ridgeville
Teresa Ann Wenzke, Dayton
Sheryl Lee Willin, Dayton
Susan Elizabeth Zulliger, Lima

College of Pharmacy
Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Robert Lee Bishop, Zanesville
Donald Mark George, Wintersville
William Michael Kelly, Youngstown
John Kohut, III, Columbus

M.S. (New Mexico State University)

John Joseph Long, Columbus
Randall Walter Nameth, Rayland
Gary Paul Sabistina, Akron
Laura Ellis Stewart-Magee, Warren

College of Social Work
Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Debbie Sue Lathrop, Reading
Larry Stanley Layne, Columbus
Cynthia Rider Nagel, Columbus
Sharon Ruth Oldach, Erie, Pa.
Richard L. Phillips, Minerva
Veronica Jane Wagner, Columbus
Philip Leo Yassenoff, Columbus
Susan Christine Yates, Columbus

College of Veterinary Medicine
Dean: Ronald A. Wright

Certificate of Study in Veterinary Medicine

Stanley Stewart Weil

Graduates with Honors

Summa Cum Laude

Timothy Lee Michel
Doreen Marie Rilo
Mary Kay Schwab
Kimberly Ann Straight

Cum Laude

Reaslyn Jane Anderson
Sharon Elizabeth Areen
David Wayne Baughman
John Martin Brechbill
Kristy Annette Briar
Timothy Joseph Crum
Margaret Ann Eberly
John Martin Frazier
Miriam Gulevi
Milene Janice Gerlach
George Michael Green
Lawrence Joseph Gutkowski
Jodi Lee Hertenstein
Stephanie K. Hood
Janet Taylor Johnson
Mark Anthony Lamantia
Lori Kay Liversapger
Janice Marie Lorman
William Anthony Lotono
Allison Anne McLain
Patricia Ann Morris
Crystal Cecilia Noll
Robert Wayne Percy
Tauna Taylor Phillips
Linda Randels
Marcie Lee Rehmar
Bryen Marvin Richard
Loiza Ann Rihl
Cynthia Buckholtz Sarver
Jonathan Allen Schweitz
Steven Eric Schupbach
Douglas Lee Seerist
Michael Segal
Timothy Edward Seils
David Roy Smith
Joan Marie Thornton
Jane Carol Tripp
Bradley John Turson
Brent William Van Horn
Mary Jean Waibel
Joan Glenn Weber
Kathryn Sovine Weisenberger
Mary Kathryn Yaneck
Diane Kay Young

With Distinction in Horticulture
Daniel Ruoer

With Distinction in International Studies and with Honors in the Liberal Arts
Pauline Borato

With Honors in the Liberal Arts
Bruce Setty
Ada Sickmeier
Kathleen Wolf

With Distinction in Political Science and with Honors in the Liberal Arts

David Charles Sweasey

With Distinction in Animal Science
Leisa Ann Rihl

With Distinction in Fisheries Management
William Edward Lynch, Jr.
Vernon Randall Tinsley

With Distinction in History and Philosophy of Science and with Honors in the Liberal Arts

Donna Houck
THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND SIXTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 5, 1980

The Board of Trustees met at its regular monthly meeting on Friday, September 5, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


* * *

Minutes of the last meeting were approved.

* * *
The Chairman, Mr. Devenow, 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 personnel-related issues.


The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 81-23

Synopsis: Resolutions honoring the service of one of this University’s faculty members and two former members 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.

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

James W. Huffman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 20, 1980, of James W. Huffman, at his home in Pickerington, Ohio, at the age of 85. Mr. Huffman was appointed a member of the University’s Board of Trustees for a term beginning May 21, 1951 and ending May 13, 1957, by Governor Frank J. Lausche to succeed Warner M. Pomerene.

Born September 13, 1894, in Chandlersville, Ohio, Mr. Huffman was educated in the schools of Rock Hill Township, Muskingum County, and attended Ashland High School. He completed his undergraduate work at Ohio Wesleyan University, attended The Ohio State University College of Law from 1919 to 1921, and obtained his LL.B. degree in 1922 from the University of Chicago. Mr. Huffman was admitted to the bar in Ohio and Illinois in 1922 and practiced law in Chicago from 1922 to 1924. From 1924 to 1927, he served as Executive Secretary to Governor A. Vic Donahey; he was a member of the Public Utilities Commission from 1927 to 1929. Mr. Huffman set up his practice of law in Columbus in 1929. In 1945, he was appointed to the United States Senate to fill the unexpired term of Senator Harold Burton. Mr. Huffman returned to Columbus in 1946 to become President and Board Chairman of Motorists Mutual Insurance Company from which he retired in 1970.

Mr. Huffman was elected Trustee Emeritus and designated Trustee Director, Development Fund on July 8, 1957. He received The Ohio State University’s Distinguished Service Award at the August, 1957 Commencement.
RESOLUTIONS IN MEMORIAM (contd)

James W. Huffman (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 a humble expression of the Board’s heartfelt sympathy in its bereavement.

Leo Leavitt Rummell

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 26, 1980, of Leo L. Rummell, Dean Emeritus of the College of Agriculture and Home Economics and former member of the Board of Trustees.

Dean Rummell was born on December 1, 1893, at Niles, Ohio, in Trumbull County. He was the son of Elmer E. and Louise McCombs Rummell, who operated a farm in the vicinity of Niles.

Rummell received his Bachelor of Science in Agriculture degree from The Ohio State University in 1915 and his Master of Science degree in 1917. The College of Wooster presented Dean Rummell with an Honorary LL. D. Degree in 1956.

While an undergraduate at Ohio State, Rummell served as Editor of The Agricultural Student magazine, was a member of the University debating team and was on The Ohio State University Dairy Cattle Judging Team which won first place at the International Dairy Cattle Show. While an undergraduate, Rummell worked his way through college doing odd jobs which included washing dishes and waxing floors for Dr. William McPherson.

Rummell was appointed to the Board of Trustees in 1939 by his former university debate team partner, Governor John W. Bricker. In 1944, during his term as a trustee, Rummell served as President of the National Association of Governing Boards of State Universities. He was appointed Dean of the College of Agriculture in 1947, and in January, 1948, was named Director of the Ohio Agricultural Experiment Station, thereby combining for the first time these two key agricultural positions.

Immediately following his graduation from the College of Agriculture in 1915, Rummell served as Editor of Ohio Agricultural Experiment Station publications. In 1918 he was named Editor of The Ohio Farmer magazine and continued in that position until 1938, at which time he became agricultural counsel for the Ohio Council of Retail Merchants and served in that position until 1940. Following that assignment he became agricultural counsel for the Kroger Grocery and Baking Company of Cincinnati and served in that position until he was named Dean of the College of Agriculture in 1947.

Dean Rummell served as a Director of the Federal Reserve Bank of Cleveland for six years and served, also, as a Director of the Ohio Bell Telephone Company and of the Cleveland Union Stockyards Company. In his position as Dean and Director he served as a member of the State Natural Resources Commission and of the State Soil Conservation Committee. In 1955, and again in 1956, Rummell traveled to India to assist in establishing agricultural universities in the states of Punjab, Haryana and Rajasthan in Northwest India.
RESOLUTIONS IN MEMORIAM (contd)

Leo Leavitt Rummell (contd)

During Rummell's 12 years as Director of the Ohio Agricultural Experiment Station, he established five new substations, one each in Huron, Erie, Wood, Brown and Clark counties. Fifteen new buildings were added to the main station campus at Wooster, along with additional land to make a total of 1,600 acres devoted to agricultural research at Wooster. Among the new laboratories and offices constructed at Wooster during Director Rummell's tenure were those for the Departments of Horticulture, Forestry, Agronomy, Agricultural Engineering and Veterinary Science. Additionally, Rummell reorganized administration of the Ohio Agricultural Experiment Station and established separate departments for research in Veterinary Science, Poultry Science, Dairy Technology and Public Relations.

In 1958 the name of the college was changed from the College of Agriculture to the College of Agriculture and Home Economics. The present Agricultural Administration Building was constructed during Dean Rummell's tenure, as was Vivian Hall, which originally housed Biochemistry and Dairy Technology but which has recently housed the newly designated Department of Food Science and Nutrition. The Animal Science Building, including the Meats Laboratory, was under construction at the time of Rummell's retirement. Another achievement during Rummell's tenure included establishment of the first Swine Evaluation Station in the nation, located adjacent to Don Scott Field. This was accomplished in 1954. When Rummell left office, two additional buildings were on the drawing boards—an addition to Campbell Hall for Home Economics and an addition to the Botany and Zoology Building.

Rummell held membership in Delta Theta Sigma (social fraternity), Delta Sigma Rho (honorary debate fraternity), Phi Eta Sigma (scholastic honorary), and Gamma Sigma Delta, the Honor Society of Agriculture. He was also a member of Sphinx and of the Ohio State Forensic Society. At the time of his retirement on December 31, 1959, Dean Rummell had been listed in Who's Who in America for more than 20 years, had been a long-time member of the Ohio State Grange and of the Methodist Episcopal Church.

Dean Rummell was a member of numerous farm and livestock organizations, including Vice President of the Ohio State Safety Council. He was a long-time member of Rotary International and was immediate past President of the Green Valley, Arizona, Rotary Club.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy in their loss. It was directed that this resolution be inscribed on 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.

Virgil R. Wertz

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 21, 1980, of Virgil R. Wertz, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Dr. Wertz received his Bachelor of Science degree in agricultural economics in 1919, his Master's degree in 1920, and his Ph.D. degree in 1929 from the University of Wisconsin with the latter including a year of graduate study at the University of Minnesota.
RESOLUTIONS IN MEMORIAM (contd)

Virgil R. Wertz (contd)

Dr. Wertz joined the staff of the Department of Agricultural Economics and Rural Sociology of The Ohio State University in October of 1926 as an Assistant Professor. In the years that followed he was promoted to the rank of Professor. Prior to coming to Ohio he was employed as an Assistant Professor in the Department of Rural Economics of the University of South Dakota.

Dr. Wertz functioned as the Department's Extension Economist in his early years in addition to his teaching and research responsibilities in the areas of agricultural prices, incomes, and finance. In this capacity he sensed early that the increasing economic complexity of the farm problems of the depression years was creating a need to improve farmer's knowledge of economics. In this area he made a major contribution to the welfare of both farm and rural people by launching an Extension Education Program in economics in the middle 1930's. It consisted of a series of schools whose programs he designed and conducted in many rural areas of Ohio. In later years this program was expanded to include seminars held with farm people in the development of agricultural policies and programs both at the domestic and foreign levels. To supplement the instructional material available he prepared and published a series of fact leaflets on prices of farm products, foreign trade in farm products, and trends affecting agriculture. In this work he was assisted by his graduate students. In 1947 with the program well established Dr. Wertz asked and was granted permission to devote full time to teaching and research. After 34 years of service he retired in 1960 with the rank of Professor Emeritus.

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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ALTERNATE HOLIDAY FOR PRESIDENTS' DAY

Resolution No. 81-24

Synopsis: Alternate holiday for the observance of Presidents' Day in the 1980-1981 year is proposed.

WHEREAS pursuant to Section 124.19 of the Ohio Revised Code, alternative days for the observance of certain holidays at educational institutions may be established; and

WHEREAS on February 3, 1978, this Board designated that the Presidents' Day holiday of each year would be observed on the day before Christmas preceding the Presidents' Day in question; and

WHEREAS the Vice President for Personnel Services, with the concurrence of the President's Staff, has recommended that in 1980 University offices be closed for the observance of Presidents' Day on the day after Christmas so that University offices would be closed on Thursday and Friday in order to further enhance the University's energy conservation efforts:
ALTERNATE HOLIDAY FOR PRESIDENTS' DAY (contd)

NOW THEREFORE

BE IT RESOLVED, That the resolution approved in 1978 be amended to provide that in 1980, the alternate observance of the Presidents' Day holiday shall occur on Friday, the day after Christmas; and

BE IT FURTHER RESOLVED, That in infrequent years when Christmas falls on a Thursday, the same change in the holiday schedule shall apply.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 81-25

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, New and/or Reappointment of Chairmen of Departments and Divisions, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 11, 1980 meeting of the Board, including the following Appointments, New and/or Reappointment of Chairmen of Departments and Divisions, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

Appointments

Name: DONALD A. CRAMP  
Title: Director, Hospital Administration  
Department: University Hospitals  
Salary: $54,960.00 (12-month)  
Effective: October 1, 1980  
Present Position: Executive Director, University Hospital, Louisville, Kentucky

Name: JOHN T. DEMEL  
Titles: Professor and Chairman  
Department: Engineering Graphics  
Effective: September 1, 1980  
Salary: $45,000.00 (12-month)  
Present Positions: Associate Professor, Engineering Design Graphics, and Engineering Research Associate, Texas Engineering Experiment Station, Texas A&M University
PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: M. TERRY MCENANY
Title: Professor (The Karl P. Klassen Chair of Thoracic Surgery)
Department: Surgery
Effective: September 1, 1980
Salary: $32,040.00 (12-month)
Present Positions: Professor of Surgery, Brown University, Providence, Rhode Island, and Surgeon-in-Chief, the Miriam Hospital

New and/or Reappointment of Chairmen of Departments and Divisions

July 1, 1980 through June 30, 1984
Veterinary Clinical Sciences Phillip W. Murdick
Veterinary Pathobiology Adalbert Koestner

July 1, 1980 through June 30, 1983
Medicinal Chemistry and Pharmacognosy Donald T. Witiak
*Pharmaceutics and Pharmaceutical Chemistry Theodore D. Sokoloski

July 1, 1980 through June 30, 1982
*Administrative and Social Sciences Dev S. Pathak

October 1, 1980 through September 30, 1984
Economics Edward J. Ray

*New Appointment

Leaves of Absence Without Salary

HARVEY M. FRIEDMAN, Professor, Department of Mathematics, effective April 1, 1981 through June 30, 1981, to do research at Pennsylvania State University.

LEE MILTON MODJESKA, Professor, College of Law, effective October 1, 1980 through September 30, 1981, to visit Duke University.

THOMAS M. OSTROM, Professor, Department of Psychology, effective April 1, 1981 through June 30, 1981, to do research at the Social Psychology Research Institute at the University of Mannheim in West Germany.

HANS J. ZASSENHAUS, Professor, Department of Mathematics, effective October 1, 1980 through December 31, 1980, to accept the distinguished U. S. Senior Scientist award at Humboldt Foundation of West Germany.
September 5, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

M. JEAN DAUBENMIRE, Associate Professor, School of Nursing, effective October 1, 1980 through March 31, 1981, to prepare manuscript for a book and write several articles for professional journals.

RICHARD EWING, Associate Professor, Department of Mathematics, effective October 1, 1980 through September 30, 1981, to accept an appointment with Mobil Research and Development Laboratories, Dallas, Texas.

MICHAEL ALAN FLIGNER, Associate Professor, Department of Statistics, effective October 1, 1980 through March 31, 1981, to do research at the University of Arizona.

PETER L. MULLINS, Associate Professor, Academic Faculty of Finance, effective October 1, 1980 through December 31, 1980, to complete final report on a research project.

ANNE S. ALLEN, Assistant Professor, School of Allied Medical Professions, effective August 1, 1980 through August 31, 1980, for personal reasons.

ROBERT JAY DONIA, Assistant Professor, Department of History (Lima Campus), effective October 1, 1980 through September 30, 1981, to accept a Fulbright grant for research in Yugoslavia.

MICHAEL JONES, Assistant Professor, Department of German, effective January 1, 1981 through March 31, 1981, to serve as a Visiting Scholar at the University of California, Irvine.

WALTER A. LIEDTKE, Assistant Professor, Department of History of Art, effective October 1, 1980 through September 30, 1981, to continue appointment as a Mellon Research Fellow at the Metropolitan Museum of Art.

ROBERT E. JOHNSON, Instructor, Academic Faculty of Management Sciences, effective January 1, 1981 through September 30, 1981, to complete his dissertation at University of Rochester.

Professional Improvement Leaves

HUGO BEKKER, Professor, Department of German, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

EUGENE CHING, Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

DANIEL HOWLAND, Professor, Academic Faculty of Management Sciences, effective Autumn Quarter 1980, Winter Quarter 1981, and Spring Quarter 1981.
PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

MARGARITA LEVISI, Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1981 and Winter Quarter 1982.


INEZ CARDOZO-FREEMAN, Associate Professor, Division of Comparative Studies in the Humanities (Newark Campus), effective Autumn Quarter 1980, Winter Quarter 1981, and Spring Quarter 1981.

MARY ANN WILLIAMS, Associate Professor, Department of Black Studies, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

Emeritus Titles

RILEY S. DOUGAN, Cooperative Extension Service, with the title Professor Emeritus, effective September 1, 1980.

CHARLES H. INGRAHAM, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective August 1, 1980.

ROBERT E. JEWETT, Academic Faculty of Humanities Education, with the title Professor Emeritus, effective October 1, 1980.

RALPH KITTLE, Cooperative Extension Service, with the title Professor Emeritus, effective September 1, 1980.

WILLIAM THOMAS MORRIS, Department of Industrial and Systems Engineering, with the title Professor Emeritus, effective July 1, 1980.

MABEL M. SARBAUGH, School of Home Economics - Administration, with the title Professor Emeritus, effective August 1, 1980.

GEORGE BURTON TOBEY, Department of Landscape Architecture, with the title Professor Emeritus, effective July 1, 1980.

ELLIOIT L. WHITAKER, Department of Architecture, with the title Professor Emeritus, effective July 1, 1980.

GWENDOLYN B. CARSON, Department of Veterinary Clinical Sciences, with the title Clinical Associate Professor Emeritus, effective July 1, 1980.
PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

DONALD R. KIBBEY, Department of Industrial and Systems Engineering, with the title Associate Professor Emeritus, effective July 1, 1980.

WILLIAM M. SHAW, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1980.

EDGAR P. WATKINS, Department of Agricultural Economics and Rural Sociology, with the title Assistant Professor Emeritus, effective August 1, 1980.

WILLIAM F. OLLILA, School of Allied Medical Professions, with the title Instructor Emeritus, effective July 1, 1980.

Appointment

Name: HENRY G. CRAMBLETT
Title: Vice President for Health Sciences
Office: Health Sciences
Salary: $64,920.00 (12-month)
Effective: Immediately
Present Positions: Acting Vice President for Medical Affairs and Dean of the College of Medicine

President Enarson:

It gives me great pleasure to also have included at the last moment following the Executive Session of the Board, the name of Dr. Henry Cramblett, whom I submit with complete confidence and great pride to this Board and to the University community and to the community at large for the position of Vice President, Health Sciences.

You may recall that almost a year ago today, September 7, 1979, I reported in writing at some length to this Board, and at that time I indicated that the two top priorities of the year in this broad and important area of the health sciences would be: one, the establishment of a Hospitals Board, and the other, the completion of a search for a Vice President, Health Sciences. With respect to this search which has been conducted over a period of time with considerable vigor and considerable patience, I would say simply that it is not the first time in the history of this University, nor will it be the last, that we have taken a good, thorough look only to return to our own campus and conclude that someone now here has all the qualities we looked for to perform at a high level of competence in an important job.

The situation, of course, in the health complex is to some degree different than at the time some years ago when the search was started. We do have now a new Hospitals Board in place: it is meeting; it is rapidly assuming its full responsibilities; it is developing its own internal procedures, its own relationships with the
September 5, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

President Enarson: (contd)

hospital and, of course, with central administration. We also, as I said a moment ago, will have in place in October, a few short months from now, a new Director of Hospitals, and I would say that although there will never be a time of peace and tranquility in this or any other hospital that there is a higher degree of stability than there has been for some time. We are very pleased with the way in which the new Director of Nursing Services has taken over and she has contributed a great deal to not only stability but to the quality of services.

Sometimes it's best when you speak of somebody whom you know and admire and with whom you have worked for a period of years, it may be best to speak from the heart rather than from a written document. I would say that Henry Cramblett has a deep dedication to quality patient care. Dr. Cramblett has an equally deep dedication to quality education and research. He also has something which ought to be the sine qua non of any person of major responsibility; namely, a deep affection for and loyalty to the institution—Henry has that. He has developed by virtue of his services in the past eight years or so—I think it's best to say a keen grasp of the hospital, of its many problems, its many opportunities. He has a keen grasp of patient care, and of its transcendent importance, of the equally great importance of good working conditions for all of those who labor there in the care of patients, and he has a deep concern and a keen grasp of the problems of creating an appropriate learning environment. Dr. Cramblett also has an acute sense, I believe, of where the health complex here at this great University fits into the University community, fits into the city and state and in the national scheme of things. I can assure you that Dr. Cramblett commands a great deal of support not only here on campus and among colleagues in other disciplines, but he is well respected around the country.

I would simply say in conclusion that some years ago when he took the giant step from being a pediatrician to becoming a dean, that there were a number of rough moments for him and for us, and he is about to take another major big step which is to convert from a role of dean and all that implies in the way of loyalties to a larger dimension of loyalties in his role as Vice President of Health Sciences. Now, obviously, there is a great deal of work to be done in defining as sharply as possible the relationships of this office, the vice presidency, with the various centers of the health sciences; there are relationships to be developed within central administration; there is—obviously of great importance—the question of succession in the deanship of the College of Medicine. And although I think it makes good sense to propose, as we have, that his appointment be effective immediately, I say at the same time, that I will look to Dr. Cramblett to come to the administration and return to this Board in a month from now having fleshed out some of the arrangements. And, in sum, I am very pleased to submit to this Board the nomination of Dr. Cramblett.

Mr. Devenow:

Dr. Cramblett, I personally want to congratulate you and I want you to know that I think you are stepping up to one of our most critical needs at a time when
September 5, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Mr. Devenow: (contd)

we need the best brains in the world to handle it and I have full confidence you're going to be able to do it. It might interest you to know that the Board unanimously and enthusiastically agreed that this is the best man we could find for the job and I hope that it will certainly be made clear to all members of the University how important this decision is and how fortunate we are that you were able to step up to it. With that, gentlemen, if you have no other comments, we will take a roll call vote. First, a motion to approve all these appointments.

Dr. Jacob: I move.

Mr. Devenow: Is there a second?

Mr. Hilliker: Second.

Mr. Devenow: Roll call.

Unanimous roll call vote.

Mr. Galbreath:

Mr. Chairman, it's because of my previously expressed interest and concern with our University operations, not only on behalf of the hospital, not only on behalf of the University, but because of its significant role in our wonderful community, that I am going to take another second to chat about Dr. Cramblett, if I may. We do have our Hospitals Board in place. At our last meeting, we re-emphasized the need for the Vice President's role and as we chatted at lunch today, it became abundantly clear that Dr. Cramblett was the man qualified for this particular role, and I just want to add my personal endorsement because I have been so involved with the Hospitals Board. And I am saying this as a personal observation, I am most pleased with this, Dr. Cramblett, and will certainly lend all of my efforts and will encourage the Board of the hospitals to do the same in support of this move. I am very happy for you and I think we are all very blessed to have this opportunity.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-26

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July are presented for Board acceptance.
September 5, 1980 meeting, Board of Trustees

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

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

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the months of June and July, 1980, be approved.

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

SUMMARY FOR JUNE 1980

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
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<tr>
<td>Office of Business and Administration</td>
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<td>The Ohio State University Research Foundation</td>
<td>152</td>
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<td>Engineering Experiment Station</td>
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<td>$8,953,115.54</td>
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<td>The Ohio State University Development Fund</td>
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Report from Presidents Club

<table>
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<tr>
<th>Members to date</th>
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<td>1980: year to date</td>
<td>1,013</td>
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<td>New members - June 1980</td>
<td>11</td>
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New Presidents Club Members - June 1980

<table>
<thead>
<tr>
<th>Henry J. Bickel</th>
<th>E. Kenneth Gavin</th>
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<tr>
<td>Donald J. Brooke</td>
<td>Mary Jo Ketner</td>
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<tr>
<td>Maureen Burkhart (Mrs. John)</td>
<td>Shirley Powers</td>
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<tr>
<td>Jeffrey A. Coopersmith</td>
<td>Mark D. Senff</td>
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<tr>
<td>Roland D. Elderkin</td>
<td>William L. J. Spoor</td>
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<td>Richard A. Garrido</td>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1980

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
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<tr>
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<td>Engineering Experiment Station</td>
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<td>The Ohio State University Development Fund</td>
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<td>$1,228,429.80</td>
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Establishment of Named Funds

- The Kathryn M. Wildermuth Memorial Scholarship Fund
  (Undergraduate students) $566,939.79

- The David and Phyllis Beck Scholarship Fund
  (Department of Animal Science) $30,000.00

- The Hans Willenegger Residency in Veterinary Surgery
  (College of Veterinary Medicine) $5,776.97

- The Michael Swink Memorial Scholarships in Theatre
  (Department of Theatre) $5,137.00

- The College of Medicine Class of 1922 Memorial Scholarship Fund
  (College of Medicine - Second-year medical student) $5,000.00

- Morgan Memorial Scholarship Fund
  (School of Natural Resources - Division of Forestry) $2,000.00
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1980 (contd)

Report from Presidents Club

Members to date 4,404
1980: year to date 1,018
New members - July 1980 8

New Presidents Club Members - July 1980

James D. Casto  John H. Lumley
Charles R. Conn  Mildred C. Lumley (Mrs. John H.)
Bernard S. Davidorf  Mathilda M. Rosenblum (Mrs. Morris)
Samuel W. Kerr  Richard W. Zborowski

Presidents Club Members Withdrawn - July 1980

James M. Salamon
Joseph P. Cowin
Patrick T. McCray
FOURTH QUARTER SUMMARY
April 1, 1980 through June 30, 1980

OFFICE OF BUSINESS AND ADMINISTRATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tr>
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<tr>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FOURTH QUARTER SUMMARY
April 1, 1980 through June 30, 1980

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
<thead>
<tr>
<th>Source</th>
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FOURTH QUARTER SUMMARY

April 1, 1980 through June 30, 1980

ENGINEERING EXPERIMENT STATION

<table>
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<th>Source</th>
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<td>INDUSTRIAL AND OTHER</td>
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<td><strong>GRAND TOTAL</strong></td>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY
(Corrected Copy)

January 1, 1980 through March 31, 1980

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

<table>
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<th>Source</th>
<th>No. of Donors</th>
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FOURTH QUARTER SUMMARY
April 1, 1980 through June 30, 1980

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

<table>
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<th>Source</th>
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September 5, 1980 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

$245,750.00 - U. S. Department of Commerce, National Telecommunications and Information Administration, Public Telecommunications Facilities Division, Washington, D. C., Improvement of Television Broadcasting Facilities, Telecommunications Center, October 1, 1979 through September 30, 1980. (Grant No. 39-02-90776)

$6,000.00 - U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Education Program (LEEP), Student Financial Aids, August 1, 1979 through July 31, 1980. (Grant No. 79-LP-AX-0640, Supplement No. 1)

$3,750.00 - Small Business Administration, Washington, D. C., Small Business Institute, College of Administrative Science, April 24, 1980 through September 30, 1980. (Agreement No. SBA-4524-AMA-80)

$910.00 - Tennessee Valley Authority, Norris, Tennessee, Participation in Academic Enrichment Program, School of Natural Resources, June 9, 1980 through September 12, 1980. (Contract No. TV-54573A)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $ 256,410.00

State of Ohio Research Contracts/Grants

$564,278.06 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Agriculture, Department of Agricultural Education, July 1, 1980 through June 30, 1981.

$294,183.56 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Research, Survey, Evaluation and Exemplary Programs, Department of Agricultural Education, July 1, 1980 through June 30, 1981.

$290,372.47 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education - Home Economics, School of Home Economics, July 1, 1980 through June 30, 1981.

$33,900.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education Services in Vocational Education, Academic Faculty of Vocational-Technical Education, July 1, 1980 through June 30, 1981.

$28,123.20 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Vocational Task Inventory Verification and Occupational Analysis Development, Academic Faculty of Vocational-Technical Education, June 1, 1980 through December 30, 1980.
September 5, 1980 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Research Contracts/Grants (contd)

$4,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Business and Office Education Summer Workshops, Academic Faculty of Vocational-Technical Education, April 1980 to October 1980.

TOTAL: STATE OF OHIO RESEARCH CONTRACTS/GRANTS $1,215,357.29

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$488,844.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support Development Grant, Cancer Research Center (C. J. Cavalaris), 1 September 1980 through 31 August 1981. (Project 761832 - Continuation)


$318,589.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Bureau of Veterinary Medicine, Rockville, Maryland, A Study to Develop an Experimental Disease Model in Horses, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 28 June 1980 through 28 September 1981. (Project 761916 - Continuation)


$148,249.00 - Department of Health, Education, and Welfare, 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), 1 July 1980 through 30 June 1981. (Project 761133 - Continuation)

$147,798.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1980 through 30 June 1981. (Project 761160 - Continuation)
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$125,000.00 - National Science Foundation, Washington, D. C., Developmental Work on Academic Price Indexes, Office of Finance and Planning (G. W. Baughman), 15 June 1980 through 14 January 1982. (Project 762267 - New)

$105,857.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Radiation Enhancement in Nervous System Tumor Models, Department of Medicine (N. R. Clendenon) and Department of Veterinary Pathobiology (A. Koestner), 1 September 1980 through 31 August 1981. (Project 764576 - Continuation)

$102,158.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1980 through 30 April 1981. (Project 761128 - Continuation)

$100,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller Aeroacoustic Methodologies - Comparisons of Propeller Performance and Acoustic Analyses With Wind Tunnel and Flight Test Measurements, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan), 16 July 1980 through 15 January 1981. (Project 761510 - Continuation)

$99,085.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1980 through 30 June 1981. (Project 761501 - Continuation)

$98,327.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies of the Distribution, Disposition and Metabolism of Antineoplastic Agents, College of Pharmacy (L. Malspeis), 15 September 1980 through 14 September 1981. (Project 761876 - Continuation)

$98,000.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Fundamental Studies of High-Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1980 through 30 April 1981. (Project 761619 - Continuation)

$82,441.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on the In Vivo Growth of Staphylococci, Department of Medical Microbiology (F. A. Kapral), 1 June 1980 through 31 May 1981. (Project 762330 - Continuation)
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$81,469.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, The Role of Oxygen Radicals on Effector/Tumor Cells, Department of Medicine (A. L. Sagone), 1 September 1980 through 31 August 1981. (Project 761287 - Continuation)

$80,872.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Protein Stability and Aging in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 July 1980 through 30 June 1981. (Project 761724 - Continuation)

$79,279.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery and College of Medicine - Administration (G. J. Cerilli), 1 July 1980 through 30 June 1981. (Project 761412 - Continuation)

$76,148.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Cancer Research Center and Department of Preventive Medicine (M. D. Keller), 1 July 1980 through 30 June 1981. (Project 760789 - Continuation)

$74,098.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Development of Prostaglandin System Antagonist, Department of Physiological Chemistry (H. W. Sprecker), 15 August 1980 through 14 August 1981. (Project 761288 - Continuation)

$73,344.00 - Department of Health, Education, and Welfare, 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), 30 June 1980 through 29 June 1981. (Project 761229 - Continuation)

$72,992.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Animal Leukemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 September 1980 through 31 August 1981. (Project 760928 - Continuation)

$71,314.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, College of Pharmacy, Division of Medicinal Chemistry (D. T. Witiak), 1 July 1980 through 30 June 1981. (Project 761123 - Continuation)
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$70,826.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Professions, Hyattsville, Maryland, Family Centered Program on Intervention, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1980 through 30 June 1981. (Project 760710 - Continuation)

$70,054.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry (K. E. Richardson), 1 June 1980 through 31 May 1981. (Project 762720 - Continuation)

$69,848.00 - Department of Health, Education, and Welfare, 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 1980 through 30 June 1981. (Project 761742 - Continuation)

$69,300.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Traineeships, Other Graduate Programs (Formula), School of Allied Medical Professions (D. C. Broski), 1 July 1980 through 30 June 1981. (Project 762226 - New)


$64,518.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer, Department of Chemistry (P. A. Frey), 1 July 1980 through 30 June 1981. (Project 762811 - Continuation)

$62,242.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 July 1980 through 30 June 1981. (Project 764403 - Continuation)
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$61,929.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines, and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1980 through 30 June 1981. (Project 761210 - Continuation)

$59,967.00 - 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), 1 August 1980 through 31 July 1981. (Project 761795 - Continuation)

$57,977.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, New Spectral Probes in Hemolytic Anemias, Department of Physiological Chemistry (J. O. Alben), 1 July 1980 through 30 June 1981. (Project 760289 - Continuation)

$56,800.00 - 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), 1 July 1980 through 30 June 1982. (Project 762223 - New)

$56,319.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1980 through 30 June 1981. (Project 760045 - Continuation)

$53,734.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 July 1980 through 30 June 1981. (Project 760045 - Continuation)


$52,521.00 - Lawrence Berkeley Laboratory, University of California, Berkeley, California, An Electrochemical and Morphological Study of the Effect of Temperature on the Restructuring and Loss of Capacity of Alkaline Battery Electrodes, Department of Metallurgical Engineering (D. Macdonald), 1 May 1980 through 30 April 1981. (Project 762220 - New)
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$51,015.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Flavoenzyme Mechanisms: Redox and Non-Redox Reactions, Department of Chemistry (M. S. Jorns), 1 July 1980 through 30 June 1981. (Project 764374 - Continuation)

$50,173.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Synthesis of Histrionicotoxin, A Neurotoxic Drug, Department of Chemistry (P. D. Magnus), 1 July 1980 through 30 June 1981. (Project 761702 - Continuation)

$50,000.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Control of Insect Populations by Regulation of Dormancy, Department of Entomology (D. L. Denlinger), 1 October 1980 through 30 September 1982. (Project 761344 - Continuation)

$50,000.00 - Environmental Protection Agency, Cincinnati, Ohio, Improved Assumptions About Liquid Flow Through Wastes, Department of Civil Engineering (C. A. Moore), 27 June 1980 through 1 October 1980. (Project 762234 - New)


$49,363.00 - National Science Foundation, Washington, D. C., Ultrastructure of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 October 1980 through 30 September 1981. (Project 762215 - Continuation)


$47,873.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Role of Axoplasmic Transport in Diabetic Neuropathy, Department of Medicine (J. R. Mendell), 1 July 1980 through 30 June 1981. (Project 761706 - Continuation)
**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

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

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

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<th>Amount</th>
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<td>$46,903.00</td>
<td>Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Molecules of Biological Interest, Department of Chemistry (P. D. Magnus), 1 July 1980 through 30 June 1981. (Project 761184 - Continuation)</td>
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<td>$45,902.00</td>
<td>National Science Foundation, Washington, D. C., Principles of Metal Erosion Resistance, Department of Metallurgical Engineering (P. G. Shewmon), 1 September 1980 through 31 July 1981. (Project 761241 - Continuation)</td>
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<td>$45,826.00</td>
<td>National Science Foundation, Washington, D. C., Maintenance of the Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 August 1980 through 31 July 1981. (Project 762225 - Continuation)</td>
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<td>$45,706.00</td>
<td>Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 July 1980 through 30 June 1981. (Project 761187 - Continuation)</td>
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<td>$45,037.00</td>
<td>Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1980 through 30 June 1981. (Project 761710 - Continuation)</td>
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<td>$44,873.00</td>
<td>Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 April 1980 through 31 March 1981. (Project 764386 - Continuation)</td>
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<td>$44,769.00</td>
<td>National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1980 through 30 June 1981. (Project 761183 - Continuation)</td>
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<td>$42,931.00</td>
<td>Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. H. Ives), 1 July 1980 through 30 June 1981. (Project 761732 - Continuation)</td>
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September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$42,692.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 May 1980 through 30 April 1981. (Project 761628 - Continuation)

$42,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Models and Mechanisms of Acute Lung Injury After Shock, Department of Surgery (B. D. Lowery), 1 July 1980 through 30 June 1981. (Project 761744 - Continuation)

$39,876.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Viscous Interaction Effects on Airfoil Performance, Department of Aeronautical and Astronautical Engineering (O. Burggraf), 1 July 1980 through 30 June 1981. (Project 761659 - Continuation)

$39,176.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Study of the Activities of Impy and Its Metabolites, Department of Medicine (J. A. Neidhart), 1 August 1980 through 31 July 1981. (Project 761777 - Continuation)

$38,167.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry (Child) Residency, Department of Psychiatry (L. E. Arnold), 1 July 1980 through 30 June 1981. (Project 761764 - Continuation)

$37,821.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of CA\(^{2+}\) Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1980 through 30 June 1981. (Project 761174 - Continuation)


$35,000.00 - 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 K. D. Korkan) and Department of Aviation (G. S. Weislogel), 1 May 1980 through 21 January 1981. (Project 761471 - Continuation)
Federal Research Contracts/Grants (contd)

$34,993.00 - Department of the Army, Waterways Experiment Station, Corps of Engineers, Vicksburg, Mississippi, Development of a Theoretical Model for "Leaky" Ported Coaxial Cable Embedded at a Uniform Depth in a Lossy Half Space, Department of Electrical Engineering, ElectroScience Laboratory (J. Richmond and R. Garbacz), 1 May 1980 through 30 November 1980. (Project 762219 - New)

$32,000.00 - Department of Health, Education, and Welfare, Office of Education for the Handicapped, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation (V. Cotter), 1 June 1980 through 31 May 1981. (Project 762209 - New)

$32,000.00 - National Science Foundation, Washington, D. C., Structural Studies of Small Linear Cluster Models for Metal Surfaces and Catalysts, Department of Chemistry (G. G. Christoph), 1 August 1980 through 31 July 1981. (Project 761853 - Continuation)

$29,850.00 - National Science Foundation, Washington, D. C., Paleoclimatic Ice Core Records from the Tropical Quelccaya Ice Cap, Institute of Polar Studies (D. H. Elliot and L. G. Thompson), 1 May 1980 through 30 April 1981. (Project 761519 - Continuation)

$29,515.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, In Vitro, Department of Physiological Chemistry (G. E. Milo), 1 July 1980 through 30 September 1980. (Project 762178 - New)

$26,858.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells In Vitro, College of Pharmacy (D. Witiak), 1 July 1980 through 30 September 1980. (Project 762177 - New)


$25,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, Boulder, Colorado, Multiple Scattering of Centimeter and Millimeter Waves in Precipitation Filled Media, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan) and Engineering Experiment Station (T. A. Seliga), 1 April 1980 through 31 March 1981. (Project 761261 - Continuation)
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$23,780.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, National Research Service Award, Department of Otolaryngology (D. J. Lim and D. E. Dunn), 1 July 1980 through 30 June 1981. (Project 760996 - Continuation)

$22,890.00 - National Science Foundation, Washington, D. C., Symmetries of Finite Dimensional Normed Spaces, Department of Mathematics (D. R. Lewis), 1 July 1980 through 30 June 1982. (Project 762207 - New)


$21,009.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, National Severe Storms Laboratory, Boulder, Colorado, Stability of Tornado-Like Vortices, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 1 May 1980 through 30 April 1981. (Project 761347 - Continuation)

$20,000.00 - National Endowment for the Arts, Washington, D. C., Museum Purchase Plan, College of the Arts - Administration (R. J. Stull), 1 July 1980 through 30 June 1981. (Project 762210 - New)


$19,358.00 - National Science Foundation, Washington, D. C., Measurability in a Banach Space, Department of Mathematics (G. A. Edgar), 1 July 1980 through 30 June 1982. (Project 762260 - Continuation)


## Federal Research Contracts/Grants (contd)

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<tr>
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<td>National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, SETI Research, Department of Electrical Engineering (J. D. Kraus), 1 August 1980 through 28 February 1981. (Project 760413 - Continuation)</td>
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<tr>
<td>$13,317.00</td>
<td>Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Clinical Psychology Internship Training, Department of Psychiatry (P. A. Marks), 1 July 1980 through 30 June 1981. (Project 761167 - Continuation)</td>
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<td>$12,574.00</td>
<td>Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Improvements of Methods to Predict Pre-Crash Parameters from Skid Marks, Department of Mechanical Engineering (D. A. Guenther), 15 June 1980 through 15 September 1980. (Project 762254 - New)</td>
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<tr>
<td>$11,600.00</td>
<td>National Science Foundation, Washington, D. C., Spaces of Similarities, Department of Mathematics (D. B. Shapiro), 1 July 1980 through 30 June 1982. (Project 761144 - Continuation)</td>
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<td>$9,926.00</td>
<td>National Science Foundation, Washington, D. C., Systematics of the Subtribe Milleriinae (Compositae), Department of Botany (T. F. Stuessy), 3 June 1980 through 31 December 1980. (Project 760354 - Continuation)</td>
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<td>$9,372.00</td>
<td>Lawrence Livermore Laboratory, Livermore, California, Development and Installation of Hartree-Fock Codes for Bound and Resonance Electronic States, Department of Chemistry (C. W. McCurdy), 1 June 1980 through 30 November 1980. (Project 762237 - New)</td>
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<tr>
<td>$9,001.00</td>
<td>Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Analytical Model of Children in Panic Braking Environment, Department of Mechanical Engineering (D. A. Guenther), 15 June 1980 through 30 September 1980. (Project 762253 - New)</td>
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<td>$5,600.00</td>
<td>National Endowment for the Arts, Washington, D. C., Design Student Fellowship Program, Department of Landscape Architecture (J. D. Carpenter), 15 September 1980 through 15 June 1981. (Project 762263 - New)</td>
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<td>$5,000.00</td>
<td>National Endowment for the Arts, Washington, D. C., Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1980 through 31 December 1980. (Project 762268 - New)</td>
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September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$3,598.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Examination of Lightweight Truck Side Structures, Department of Mechanical Engineering (D. A. Guenther), 16 June 1980 through 19 September 1980. (Project 762255 - New)

$3,000.00 - National Science Foundation, Washington, D. C., Physiology of Buoyancy Regulation, Department of Zoology (L. I. Greenwald), 23 May 1980 through 28 February 1981. (Project 761581 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $5,699,979.00

State of Ohio Research Contracts/Grants

$25,832.00 - State of Ohio - Department of Education, Division of Special Education, Columbus, Ohio, Developing Guidelines for Multifactored Team Evaluations, Academic Faculty of Exceptional Children (M. L. Kabler), 1 June 1980 through 30 September 1980. (Project 762208 - New)

$18,750.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Yellow Perch Parasite Research, Department of Zoology (J. L. Crites) and College of Biological Sciences, Center for Lake Erie Area Research (J. M. Reutter), 1 July 1980 through 30 June 1981. (Project 762192 - Continuation)

$16,733.00 - State of Ohio - Department of Mental Health and Mental Retardation, Office of Program Evaluation and Research, Columbus, Ohio, Assessment of Programmatic Responses to the Proposed Standard and Guidelines for Program Evaluation in 648 Board and Contract Agencies, College of Social Work (B. Toomey), 1 July 1980 through 31 October 1980. (Project 762256 - Continuation)

$9,649.70 - The Ohio Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 October 1979 through 30 June 1980. (Project 761399 - Continuation)

$4,930.00 - Ohio Historical Society, Ohio Historic Preservation Office, Columbus, Ohio, A Proposal for an Archaeological Survey of the Scioto River South of Columbus Between I-270 and S. R. 316, Department of Anthropology (W. Dancey), 27 June 1980 through 26 June 1981. (Project 762259 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

$500.00 - The Ohio Program in the Humanities, Columbus, Ohio, Communities at the Crossroads: Community Development and the Lima Region’s Heritage and Future, Department of Sociology (Lima Campus) (D. S. Adams) and Department of English (Lima Campus) (K. T. Rainey), 24 June 1980 through 30 August 1980. (Project 762095 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 76,394.70

Industrial, Private, and Other Non-Federal Research Contracts/Grants


$147,200.00 - American Cancer Society, Inc., New York, New York, Faculty Research Award, Department of Biochemistry (L. F. Johnson), 1 July 1980 through 30 June 1985. (Project 762231 - New)


$102,033.00 - Hannah Neil Center for Children, Columbus, Ohio, Implementing Behavioral Treatment Activities - A Joint Exceptional Children/Physical Education Internship, School of Health, Physical Education, and Recreation (C. L. Mand) and Academic Faculty of Exceptional Children (J. O. Cooper), 1 July 1980 through 30 June 1981. (Project 762235 - Continuation)

$92,000.00 - Japan-United States Friendship Commission, Washington, D. C., Bi-National Studies and Exchange Program in Environmental Planning and Design Education, School of Architecture - Administration (M. Kinoshita), 1 April 1980 through 31 March 1982. (Project 762250 - New)

$62,513.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamic Effects of Antiplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology (R. L. Hamlin), 15 January 1980 through 30 June 1980. (Project 760245 - Continuation)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

$40,000.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Modeling Chemical Reactivity, Heat Flux, and Fluid Flow in In-Situ Coal Liquefaction, Department of Chemical Engineering (D. R. Skidmore), 16 June 1980 through 15 June 1981. (Project 762228 - New)

$39,996.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, The Relationship Between Union-Management Relations and Miner Productivity, Job Satisfaction, and Coal Company Performance, Academic Faculty of Labor and Human Resources (R. C. Miljus, A. F. Campagna and C. J. Slanicka), 16 June 1980 through 15 June 1981. (Project 762229 - New)


$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 1980 through 30 June 1981. (Project 764472 - Continuation)

$30,000.00 - United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. Murdick), 30 April 1980 through 31 March 1981. (Project 760159 - Continuation)

$29,427.00 - The Parker B. Francis Foundation, Hanover, New Hampshire, Application for Fellowship in Pulmonary Research, Department of Medicine (M. E. Whitcomb), 1 July 1980 through 30 June 1981. (Project 761553 - Continuation)


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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

$23,980.00 - American Heart Association, Inc., Dallas, Texas, CO Distribution of Sub-Lethal Levels in the Heart, Department of Physiological Chemistry (J. O. Alben), 1 July 1980 through 30 June 1981. (Project 761115 - Continuation)

$20,592.00 - Central Ohio Lung Association, Columbus, Ohio, School Health Curriculum Project Workshop - Berkeley Model, School of Health, Physical Education, and Recreation (P. Heit), 1 April 1979 through 30 June 1981. (Project 761101 - Continuation)


$20,000.00 - National Fund for Medical Education, Hartford, Connecticut, Fellowship in Medical Education, Department of Family Medicine (T. Williams, D. Katerndahl and L. Gabel), 1 July 1980 through 30 June 1981. (Project 762211 - New)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Energetics of Activation in Striated Muscle, Department of Physiology (J. Rall), 1 October 1980 through 30 September 1981. (Project 762243 - New)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Hypertensive Peptides From Pre-eclamptic Placentas, Department of Physiology (J. J. Curry), 1 October 1980 through 30 September 1981. (Project 762239 - New)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prostanoids and Serum Lipids in the Exercise Conditioned Rat, Department of Physiological Chemistry (J. A. Merola) and Department of Pathology (H. A. I. Newman), 1 October 1980 through 30 September 1981. (Project 762257 - New)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Quantitative Studies of the Arterial Endothelium, Department of Surgery (J. F. Cornhill), 1 October 1980 through 30 September 1981. (Project 762238 - New)

$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effects of Drugs and Pathophysiology on Capillary Blood Flow, College of Medicine - Administration (R. Strauss), 1 October 1980 through 30 September 1981. (Project 762265 - New)
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS (contd)

$15,000.00 - American Otological Society, San Diego, California, Otosclerosis: Ultrastructural and X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 1 July 1980 through 30 June 1981. (Project 762789 - Continuation)

$15,000.00 - Muscular Dystrophy Association, New York, New York, Studies on the Embryonic Development of Normal and Dystrophic Muscles, Department of Physiology (B. Stokes), 1 July 1980 through 30 June 1981. (Project 761661 - Continuation)

$14,819.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Electrophysiologic and Mechanical Effects of pr- and bu-MDIs in Normal and Infarcted Dog Heart, Department of Veterinary Physiology and Pharmacology (W. W. Muir), 1 October 1980 through 30 September 1981. (Project 762241 - New)

$12,539.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), and Department of Medicine (H. Wilson), 1 January 1980 through 31 December 1980. (Project 761460 - Continuation)


$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Control of Rate and Depth of Breathing in the Chicken, Department of Physiology (A. Kunz and T. L. Clanton), 1 July 1980 through 30 June 1981. (Project 762222 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Effect of Chronic Vasodilator Therapy on Regional Flow in Congestive Heart Failure, Department of Medicine (R. D. Magorien), 1 October 1980 through 30 September 1981. (Project 762240 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Vascular Changes in Placental Bed in Hypertensive Pregnancy, Department of Obstetrics and Gynecology (R. O'Shaughnessy and F. P. Zuspan), 1 October 1980 through 30 September 1981. (Project 762242 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

$11,733.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical and Structural Analysis of Myocardial Z-line and Rod Body, Department of Veterinary Anatomy (M. Yamaguchi), 1 October 1980 through 30 September 1981. (Project 762247 - New)

$11,697.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Specific Assay for Cardiac Glycosides by ECD-GLC and HPLC, Department of Veterinary Clinical Sciences (R. A. Sams) and College of Pharmacy (R. H. Reuning), 1 October 1980 through 30 September 1981. (Project 762244 - New)

$11,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Studies on the Energy Metabolism in Human Platelets In Vitro, Department of Pharmacology (G. A. Tejwani), 1 October 1980 through 30 September 1981. (Project 762246 - New)

$11,076.00 - Carnegie-Mellon University, Pittsburgh, Pennsylvania, Distributed Data Base Design, Academic Faculty of Accounting (P. De), 1 November 1979 through 23 June 1980. (Project 762236 - New)

$10,880.00 - The American Association of Handwriting Analysts, Park Ridge, Illinois, Handwriting Analysis for Personnel Selection, Department of Psychology (R. Klimoski), 1 June 1980 through 31 May 1981. (Project 762252 - New)

$10,224.00 - Chemical Abstracts Service, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval, Department of Psychology (H. Shulman), 16 June 1980 through 12 June 1981. (Project 762213 - New)

$10,000.00 - Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Mechanisms and Patterns of Proteinuria in Health and Disease, Department of Medicine (R. A. Zager and L. A. Hebert), 1 July 1980 through 30 June 1981. (Project 762206 - New)

$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mitral Valve Prolapse Arrhythmias: Effects of Exercise, Department of Medicine (S. F. Schall), 1 October 1980 through 30 September 1981. (Project 762245 - New)

$8,252.00 - Texas A & M Research Foundation, College Station, Texas, Correlation Tests on ARSMS, Engineering Experiment Station, Water Resources Center (E. A. Whitehurst), 1 February 1980 through 5 March 1980. (Project 762038 - New)
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<td>Arkansas State Highway and Transportation Department, Little Rock, Arkansas,</td>
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<td>$6,864.50</td>
<td>Ohio Medical Indemnity Mutual Corporation, Worthington, Ohio, School Health Curriculum Project - 4th Grade, School of Health, Physical Education, and Recreation (P. Heit), 1 July 1980 through 30 June 1981. (Project 761746 - Continuation)</td>
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<td>$5,864.50</td>
<td>Caldwell Community College and Technical Institute, Hudson, North Carolina, Implementing Competency-Based Occupational Education Programs, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1979 through 30 September 1980. (Project 762166 - New)</td>
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<td>American Newspaper Publishers Association, Reston, Virginia, Antecedents of the Need for Information Among Newspaper Audiences, School of Journalism (L. B. Becker), 1 June 1980 through 31 December 1980. (Project 762214 - New)</td>
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<td>$5,000.00</td>
<td>Trident Technical College, Charleston, South Carolina, An Assessment of Faculty/Staff Development Needs and Special Programs for Trident Technical College, Charleston, South Carolina, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1980. (Project 762221 - New)</td>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$2,575.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 30 March 1980 through 29 June 1980. (Project 760617 - Continuation)

$1,750.00 - International Labor Organization, Bangkok, Thailand, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 July 1980. (Project 768030 - New)

$1,554.00 - University of Dayton, Dayton, Ohio, Evaluation of Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 January 1980 through 30 April 1980. (Project 761166 - Continuation)

$800.00 - University of Illinois, Champaign, Illinois, Child Welfare Services Region V Conference, College of Social Work (N. Rindfleisch), 1 April 1980 through 30 June 1980. (Project 761930 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,598,266.55

ENGINEERING EXPERIMENT STATION

Federal Sponsored Research and Development

$12,000.00 - National Bureau of Standards, Boulder, Colorado, Criteria for Initiation, Propagation and Arrest of Cleavage Fractures in Steel Alloys, Department of Metallurgical Engineering, May 1, 1980 through September 30, 1980. (D9797/312651)
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

State Sponsored Research and Development

$76,786.00 - State of Ohio - Department of Transportation, Columbus, Ohio, Development of a Driver-Based Method for the Evaluation of Traffic Control Systems for Freeway Construction and Maintenance Operations, Department of Industrial and Systems Engineering, June 15, 1980 through June 14, 1981. (EES 581/529061, Extension 2)

$8,418.00 - various agencies for three development projects conducted in two engineering departments.

TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT $85,204.00

Industrial and Other Sponsored Research and Development

$9,504.00 - various industries for 13 development projects conducted in three engineering departments and research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$50,000.00 - Mr. James D. Casto, North Miami, Florida, for French Field House Track Fund.

$50,000.00 - SDRC, Milford, Ohio, for Advanced Design Methods Laboratory - Mechanical Engineering.

$27,162.00 - Dorsey Laboratories, Lincoln, Nebraska, for Clinical Pharmacology Fund.

$25,972.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

$25,000.00 - Owens-Illinois Fund of the Charities Foundation, Toledo, Ohio, for Owens-Illinois Professorship in International Business.

$20,159.01 - The American Medical Association, Chicago, Illinois, for Faculty Seminar on Medical Education.

$20,000.00 - Borden Foundation, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$18,982.00 - Eli Lilly & Company, Indianapolis, Indiana, for Clinical Pharmacology of Dobutamine - Eli Lilly Co.
September 5, 1980 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)

$15,000.00 - The Upjohn Company, Kalamazoo, Michigan, for Upjohn Company Graduate Training Fellowship.

$15,000.00 - Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, for Lamme Power Systems Laboratory.

$14,850.74 - Dr. Ulrich Saxer, Columbus, Ohio, for Veterinary Surgery Research.

$13,500.00 - The City Loan and Savings Company, Lima, Ohio, for WOSU Support Fund.

$12,500.00 - Central Ohio Lung Association, Columbus, Ohio, for Pulmonary and Respiratory Care Research Fund.

$12,000.00 - Illuminating Engineering Research Institute, New York, New York, for Institute for Research in Vision.

$10,605.63 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$10,000.00 - Dow Chemical Company, Midland, Michigan, for Dow Chemical Research Support Fund.

$10,000.00 - The Huntington National Bank, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$10,000.00 - The Merck Company Foundation, Rahway, New Jersey, for Merck Grant for Faculty Development - Chemistry.

$10,000.00 - Mid Ohio Automotive, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$9,850.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$8,000.00 - Mrs. Thelma Kiplinger, Dublin, Ohio, for D. C. Kiplinger Chair in Floriculture.

$7,500.00 - The Standard Oil Company, Cleveland, Ohio, for Early Start Program.
September 5, 1980 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)

$7,342.46 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$7,000.00 - The American College of Physicians, Philadelphia, Pennsylvania, for Department of Medicine General Fund.

$7,000.00 - Conoco, Inc., Ponca City, Oklahoma, for Conoco Fellowship in Chemistry.

$6,900.00 - Select Sires, Plain City, Ohio, for Sperm Fertility Research Fund.

$6,750.00 - The Arthritis Foundation, Columbus, Ohio, for Arthritis Education Fund.

$6,627.84 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

$6,210.00 - The Pharmaceutical Manufacturers Association Foundation, Inc., for P.M.A. Fellowship.

$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

$5,613.00 - Mead Johnson & Company, Evansville, Indiana, for Menopausal Patient Follow-up Project.

$5,500.00 - Mr. Timothy L. Hooper, Columbus, Ohio--$5,000.00 for Department of Otolaryngology Fund and $500.00 for Student Athlete Grant-in-Aid Fund.

$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Alcoa Foundation Scholarship Fund.

$5,000.00 - Ernst & Whinney Foundation, Columbus, Ohio, for Ernst and Ernst Accounting Grant.

$5,000.00 - Estate Under the Will of Donald C. Power, Columbus, Ohio, for Manuel Tzagournis Teaching and Research Fund.

$5,000.00 - Mr. Wayne H. Kuhn, Marion, Ohio, for an undesignated gift to the University.

$5,000.00 - Nationwide Mutual Insurance Company, Columbus, Ohio, for C. William O'Neill Professorship of Law Fund.
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

$82,500.00 - Mr. David W. Beck, Dayton, Ohio, cattle to be housed in the College of Agriculture.

$7,128.00 - Estate Under the Will of William A. Stephen, Worthington, Ohio, books to be housed in the College of Biological Sciences.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$1,363,062.00 - 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, Cancer Research Center (D. S. Yohn), 1 July 1980 through 30 June 1981. (Project 763976 - Continuation)

$468,278.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Technical Assistance and Training for Occupational Skills, National Center for Research in Vocational Education (R. E. Taylor), 1 June 1980 through 31 August 1981. (Project 762216 - New)

$182,625.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, College of Biological Sciences, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. C. Stiefel), 1 July 1980 through 30 June 1981. (Project 762280 - New)

$162,676.00 - Department of Health and Human Services, Office of Human Development Services, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1980 through 29 June 1981. (Project 760751 - Continuation)

$152,809.00 - Department of Education, Education for the Handicapped, Washington, D. C., A Parent Child Interaction Model for Assessment and Training of Severe Language Delay, Nisonger Center for Mental Retardation (J. D. MacDonald), 1 July 1980 through 30 June 1981. (Project 761189 - Continuation)

$150,687.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing (E. L. Fritz), 1 July 1980 through 30 June 1981. (Project 760803 - Continuation)
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$143,003.00 - Department of Labor, Washington, D. C., A Formative Evaluation of the Private Sector Initiative Program and HIRE II, Department of Political Science (R. B. Ripley), 1 April 1980 through 30 November 1981. (Project 761515 - Continuation)

$141,999.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Women's Health Research Program, School of Nursing (J. S. Stevenson), 1 July 1980 through 30 June 1981. (Project 762275 - New)


$113,450.00 - Department of Education, Washington, D. C., Teacher Corps Operations and Training, Academic Faculty of Early and Middle Childhood Education (C. R. Williams and E. Freeman), 15 July 1980 through 14 July 1981. (Project 761660 - Continuation)

$105,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Isolation and Genetic Analysis of Sporulation Genes, Department of Microbiology (D. H. Dean), 1 July 1980 through 31 July 1980. (Project 761218 - Continuation)

$102,926.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neuro-Oncogenesis by Resorptive Carcinogens, Department of Veterinary Pathobiology (A. Kostner and K. Marushige), 1 August 1980 through 30 June 1981. (Project 762762 - Continuation)

$99,998.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Development Grant, School of Nursing (J. S. Stevenson), 1 July 1980 through 30 June 1981. (Project 761747 - Continuation)

$95,335.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1980 through 31 July 1981. (Project 761799 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$92,770.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Photochemistry of the Genus Thalictrum, College of Pharmacy (J. L. Beal, R. W. Doskotch, and P. N. Patil), 1 July 1980 through 30 June 1981. (Project 761497 - Continuation)

$76,588.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Bio-transformations of Estrogens and the Development of Cancer, College of Pharmacy (R. Brueggemeier), 1 August 1980 through 30 June 1981. (Project 762304 - New)

$68,292.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 August 1980 through 31 July 1981. (Project 762285 - New)

$67,400.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology (B. Latane), 1 September 1980 through 31 August 1981. (Project 760485 - Continuation)

$65,901.00 - 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 1980 through 30 June 1981. (Project 762298 - New)

$61,597.00 - National Science Foundation, Washington, D. C., Evolutionary Trends in Homosporous Ferns, Department of Botany (V. Raghavan), 1 July 1980 through 30 June 1983. (Project 761124 - Continuation)


$60,000.00 - National Science Foundation, Washington, D. C., The Development of Brainstem-Spinal Systems Related to Autonomic Control, Pain Modulation and Somatic Motor Activity, Department of Anatomy (G. F. Martin), 1 September 1980 through 31 August 1981. (Project 762278 - New)

$54,581.00 - National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals, Department of Physics (J. C. Garland), 1 July 1980 through 30 June 1981. (Project 761192 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$52,664.00 - National Science Foundation, Washington, D. C., Magnetic Resonance in Ferromagnetic Domain Walls, Department of Physics (P. E. Wigen) 1 July 1980 through 30 June 1981. (Project 762292 - Continuation)

$51,000.00 - National Science Foundation, Washington, D. C., Phase Transition in Solid Hydrogen Alloys and Other Disordered Systems, Department of Physics (J. R. Gaines), 1 July 1980 through 30 June 1981. (Project 761211 - Continuation)

$47,723.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Norpace Kinetics and Bioavailability in Heart Failure, College of Pharmacy (J. J. Lima), 1 July 1980 through 30 June 1981. (Project 762271 - New)

$45,000.00 - Department of Education, National Institute of Education, Washington, D. C., Seminar Workshop on Writing for Funding and Publication, Academic Faculty of Special Services (R. J. Silverman), 1 May 1980 through 30 April 1981. (Project 761625 - Continuation)


$43,089.00 - National Science Foundation, Washington, D. C., The Utilization of Electrochemical Reactions and Electrochemically Derived Products in Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 September 1980 through 31 August 1981. (Project 762305 - Continuation)

$40,000.00 - National Science Foundation, Washington, D. C., Extension of Complex Coordinate and Complex Basis Function Techniques to Molecular Systems: Resonances and Photoionization, Department of Chemistry (C. W. McCurdy, Jr.), 1 November 1980 through 31 October 1981. (Project 761834 - Continuation)

$31,653.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Analysis of Geos-3 Radar Altimeter Data for Anomaly and Undulation Definition, Department of Geodetic Science (R. H. Rapp), 1 July 1980 through 30 June 1981. (Project 762303 - New)

$30,928.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Adjustment and Impact of Recent Immigrants, Department of Sociology (W. L. Li), 1 August 1980 through 31 July 1981. (Project 762317 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$30,075.00 - National Science Foundation, Washington, D. C., Palynology and Paleobotany of Mesozoic Rocks of the Antarctic Peninsula Area and Southern South America, Institute of Polar Studies (D. H. Elliot), 1 July 1980 through 31 December 1981. (Project 761693 - Continuation)

$29,970.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Computer Simulation of Clinical Experience, School of Allied Medical Professions (R. J. Atwell and M. R. Schiller), 1 July 1980 through 30 June 1981. (Project 761394 - Continuation)

$29,040.00 - Department of the Army, Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. Rubin), 17 July 1980 through 25 October 1980. (Project 760946 - Continuation)

$27,748.00 - National Science Foundation, Washington, D. C., EEA, A Differentiation Enhancing Factor in Acanthamoeba: Characterization, Synthesis, and Fate, Department of Microbiology (T. J. Byers), 1 August 1980 through 31 July 1981. (Project 762309 - New)

$25,100.00 - National Science Foundation, Washington, D. C., Application of Revised MK Spectral Types to Groups of Late-Type Stars, Department of Astronomy (P. C. Keenan), 1 July 1980 through 30 June 1982. (Project 762291 - Continuation)

$20,033.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1980 through 30 June 1981. (Project 762313 - Continuation)

$19,040.00 - 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 Otoconial Deprivation on Gravity Receptors, Department of Otolaryngology (D. J. Lim and D. R. Trune), 1 August 1980 through 31 July 1981. (Project 761485 - Continuation)

$17,914.00 - National Science Foundation, Washington, D. C., Phase Retrieval, Department of Mathematics (J. M. Rosenblatt), 1 July 1980 through 30 June 1982. (Project 762290 - New)

$12,057.00 - National Science Foundation, Washington, D. C., Some Aspects of Classification and Representation of Integral Quadratic Forms, Department of Mathematics (J. S. Hsia), 1 July 1980 through 30 June 1981. (Project 762288 - New)
Federal Research Contracts/Grants (contd)

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<th>Amount</th>
<th>Department</th>
<th>Description</th>
<th>Principal Investigator</th>
<th>Start Date</th>
<th>End Date</th>
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<td>$11,346.00</td>
<td>Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Medical Technology - Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski)</td>
<td>Teacher Preparation (M.S.). School of Allied Medical Professions (D. C. Broski), 1 July 1980 through 30 June 1981. (Project 761228 - Continuation)</td>
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<td>$10,000.00</td>
<td>Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore)</td>
<td>Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore), 15 July 1980 through 15 October 1980. (Project 761119 - Continuation)</td>
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<td>Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of a Vaccine Against the Lethal Exotoxin of Pseudomonas Aeruginosa, Department of Microbiology (N. R. Baker)</td>
<td>Development of a Vaccine Against the Lethal Exotoxin of Pseudomonas Aeruginosa, Department of Microbiology (N. R. Baker), 1 June 1980 through 31 May 1981. (Project 761141 - Continuation)</td>
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<td>Department of Labor, National Commission on Unemployment Compensation, Roslyn, Virginia, Unemployment Insurance and the NLS, Academic Faculty of Labor and Human Resources (M. E. Borus and S. M. Hills)</td>
<td>Unemployment Insurance and the NLS, Academic Faculty of Labor and Human Resources (M. E. Borus and S. M. Hills), 1 March 1979 through 31 May 1981. (Project 762295 - New)</td>
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<td>Biomedical Research Support Grant, College of Medicine - Administration (H. G. Cramblett), 1 April 1980 through 31 March 1981. (Project 761078 - Continuation)</td>
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<td>Matroids and Graphs, Department of Mathematics (T. Zaslavsky), 1 July 1980 through 30 June 1981. (Project 762289 - New)</td>
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<td>$7,920.00</td>
<td>National Science Foundation, Washington, D. C., Inverse Spectral Theory and Concrete Aspects of Periodic Solitons, Department of Mathematics (M. G. Forest)</td>
<td>Inverse Spectral Theory and Concrete Aspects of Periodic Solitons, Department of Mathematics (M. G. Forest), 1 July 1980 through 30 June 1981. (Project 762293 - New)</td>
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<td>$7,688.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School - Administration (J. B. LaPidus)</td>
<td>Biomedical Research Support Grant, Graduate School - Administration (J. B. LaPidus), 1 April 1980 through 31 March 1981. (Project 764748 - Continuation)</td>
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<td>$5,000.00</td>
<td>Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Simulation Studies for Development of Truck Braking Standards, Department of Mechanical Engineering (K. Waldron and G. L. Kinzel)</td>
<td>Simulation Studies for Development of Truck Braking Standards, Department of Mechanical Engineering (K. Waldron and G. L. Kinzel), 1 March 1980 through 28 February 1981. (Project 762085 - Continuation)</td>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$2,805.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Factors Modifying Blood Platelet Function in Diabetics, Department of Physiological Chemistry (H. W. Sprecher), 1 July 1980 through 31 March 1981. (Project 760745 - Continuation)

$2,792.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1980 through 31 March 1981. (Project 760661 - Continuation)

$2,758.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (R. A. Wright), 1 April 1980 through 31 March 1981. (Project 762776 - Continuation)

$2,312.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Career Mobility in Medical Record Administration, School of Allied Medical Professions (R. J. Atwell and M. M. Pariser), 1 July 1980 through 30 June 1981. (Project 761395 - Continuation)

$551.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, Division of Biomedical and Behavioral Sciences, Rockville, Maryland, Pathomechanism of Temperature-Chemical Carcinogenesis, Department of Physiology (H. S. Weiss), 15 July 1980 through 15 September 1980. (Project 761135 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $4,709,064.21

State of Ohio Research Contracts/Grants

$72,721.00 - State of Ohio, Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 July 1980 through 30 June 1981. (Project 761399 - Continuation)
State of Ohio Research Contracts/Grants (contd)

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<td>Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social</td>
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<td>Hill), 1 July 1980 through 30 June 1981. (Project 762319 · Continuation)</td>
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<td>Provision of Technical Assistance to the Ohio Occupational Information Coordinating</td>
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<td>Committee, Center for Human Resource Research, Academic Faculty of Labor and Human</td>
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<td>Resources (S. C. Kelley), 1 July 1980 through 30 June 1981. (Project 762301 ·</td>
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<td>Department of Home Management and Housing (F. E. Hunt), 1 July 1980 through 30 June</td>
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<td>Clinic, Department of Physical Medicine (R. Weber), 1 July 1980 through 30 June 1981.</td>
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<td>Techniques for Optimum Hydraulic Fracturing of Devonian Shale, Department of Engineering</td>
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<td>Mechanics (S. H. Advani), 1 July 1980 through 30 June 1981. (Project 762307 · New)</td>
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<td>Cogeneration and District Heating: Prospects for Ohio, Department of City and Regional</td>
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<td>Planning (O. Fisch), 1 July 1980 through 30 June 1981. (Project 762277 · New)</td>
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September 5, 1980 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)

$8,364.00 - State of Ohio, Department of Health, Columbus, Ohio, A Study of Rheumatologic Services in Crawford County, School of Allied Medical Professions (D. Broski), 1 July 1980 through 31 December 1980. (Project 762282 - New)

$4,850.00 - Ohio Arts Council, Columbus, Ohio, Summer Sculpture, College of the Arts - Administration (R. J. Stull), 1 July 1980 through 1 September 1980. (Project 762318 - New)

$3,395.00 - Ohio Arts Council, Columbus, Ohio, Public Presentations by Photographers, Department of Photography and Cinema (J. R. Green), 1 July 1980 through 30 June 1981. (Project 762320 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 414,971.14

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$694,860.00 - Nigerian Ministry of Education, Bauchi, Nigeria, Intensive Professional Teacher Education Program for Nigerian Teachers, Academic Faculty of Special Services (W. J. Holloway), 1 September 1980 through 31 August 1981. (Project 762314 - New)

$187,000.00 - World Health Organization, Human Reproduction Unit, 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 1980 through 30 June 1981. (Project 760113 - Continuation)


$107,931.00 - American Academy of Physician Assistants, Arlington, Virginia, Self-Assessment and Self-Paced Learning Modules for Physicians Assistants, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 July 1980 through 24 February 1982. (Project 762258 - New)

$69,205.00 - University of Michigan, Office of Contract Administration, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 July 1980 through 30 June 1981. (Project 761294 - Continuation)

$53,455.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, In Vitro Culture of Sporogonic States of Plasmodium Falciparum, Department of Entomology (W. F. Hink), 1 June 1980 through 31 May 1981. (Project 761858 - Continuation)
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$36,255.00 - VITA Treatment Center, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (D. J. Tosi), 1 July 1980 through 30 June 1981. (Project 762310 - New)

$33,106.00 - National Foundation for Ileitis and Colitis, Inc., New York, New York, Microbiological Studies in Crohn’s Disease, Department of Medical Microbiology (V. Hamparian, A. Ottolenghi, and J. Hughes), 1 July 1980 through 30 June 1981. (Project 762286 - New)

$24,692.00 - City of Columbus, Division of Fire, Columbus, Ohio, City of Columbus Fire Project, College of Administrative Science, Division of Continuing Education (J. Stanley), 1 July 1980 through 31 December 1980. (Project 762284 - Continuation)

$22,800.00 - Atlantic Richfield Foundation, Los Angeles, California, A Seminar on Creativity, Invention and Technology, School of Public Administration (S. Lundstedt), 1 June 1980 through 31 July 1981. (Project 762308 - New)

$18,150.00 - American Heart Association, Inc., Dallas, Texas, Central Neuronal Control of Peripheral Circulation, Department of Physiology (J. A. Boulant), 1 September 1980 through 31 August 1981. (Project 761185 - Continuation)

$11,903.00 - University of California, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Productions, International Programs in Agriculture (M. G. Smith) and Department of Agronomy (R. W. Van Keuren), 1 June 1979 through 31 May 1980. (Project 761949 - Continuation)

$11,000.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, Establishment of an Integrated System for the Characterization of Microsporidian Parasites, Department of Entomology (J. D. Briggs), 1 July 1980 through 30 June 1981. (Project 760976 - Continuation)

$10,133.00 - The Columbus Foundation, Columbus, Ohio, Follow-up: BACKWARDS, Telecommunications Center (M. Mottler), 1 August 1980 through 31 December 1980. (Project 762302 - New)

$6,206.00 - Anaconda Copper Company, Denver, Colorado, Evaluating the Use of Zeolite in Poultry Diets, Department of Poultry Science (D. Latshaw), 15 February 1980 through 15 September 1980. (Project 762026 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Immunotheraphy of Spontaneous Murine Melanoma by Delayed Hypersensitivity to Idiotype Determinants of Tumor-Specific Monoclonal (Hybridoma) Antibody, Department of Microbiology (B. S. Zwilling and Z. L. Herd), 1 July 1980 through 30 June 1981. (Project 762296 - New)

$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Short-Term In Vivo Cancer Detection Test, Department of Physiological Chemistry (D. E. Schumm), 1 July 1980 through 30 June 1981. (Project 762276 - New)

$5,600.00 - Otterbein College, Westerville, Ohio, Assistance With Administration, Counseling, Programmatic and Training Services, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 24 August 1980 through 31 May 1981. (Project 762297 - New)

$5,151.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 30 June 1980 through 31 December 1980. (Project 760617 - Continuation)

$5,000.00 - The American University in Cairo, Social Research Center, New York, New York, Collaborative Research With the American University Social Science Research Center in Cairo, Egypt, Mershon Center for Education in National Security (S. Z. Nagi), 1 September 1980 through 31 August 1981. (Project 760444 - Continuation)

$5,000.00 - The Asia Society, Inc., New York, New York, “Outreach” Program of Information Diffusion, Speaker Series, Film Series and Other School-Community-Oriented Activities Relating to China, Office of Academic Affairs, Center for International Studies (D. M. Lampton) and Department of Political Science (B. Richardson), 1 April 1980 through 31 March 1981. (Project 761026 - Continuation)

$4,650.00 - Otterbein College, Westerville, Ohio, Assistance With Administration, Programming and Policy Analysis, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 3 September 1980 through 31 May 1981. (Project 762300 - New)

$4,579.00 - Oregon State University, Corvallis, Oregon, Socioeconomic Analysis of Repository Siting, Department of Agricultural Economics and Rural Sociology (T. L. Napier), 17 July 1980 through 30 September 1981. (Project 762312 - New)

$4,560.00 - Capital University, Columbus, Ohio, Assistance With Administration, Counseling, Programmatic and Training Services, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 1 August 1980 through 31 May 1981. (Project 762299 - New)
$3,600.00 - The National Reye's Syndrome Foundation, Inc., Bryan, Ohio, Chemical Markers of Reye's Syndrome, Department of Pharmacology (B. Andresen), 1 July 1980 through 30 June 1981. (Project 762287 - New)


$3,339.00 - Trident Technical College, Charleston, South Carolina, Postsecondary Alliance - Evaluation Program Option A - Clearinghouse, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1981. (Project 762195 - Continuation)

$3,156.00 - Ohio Dominican College, Columbus, Ohio, Assistance With Administration, Counseling, Programmatic and Training Services, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 25 August 1980 through 31 May 1981. (Project 762316 - New)

$3,000.00 - The General Electric Foundation, Bridgeport, Connecticut, Educators in Industry Workshop, Academic Faculty of Special Services (J. V. Wigtil), 1 June 1980 through 30 September 1980. (Project 762273 - New)

$2,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Development of Glioma Cell Clones, Department of Pathology (V. A. Liepkalns), 1 July 1980 through 30 June 1981. (Project 762294 - New)

$1,350.00 - The Burroughs Wellcome Fund, Research Triangle Park, North Carolina, Research and Collaboration at University of Dundee Medical Sciences Institute, Scotland, Department of Food Science and Nutrition (K. L. Roehrig), 1 July 1980 through 31 August 1980. (Project 762270 - New)

$1,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Myocardial Calcium Regulation - Adaptation to Chronic Exercise, Department of Physiological Chemistry (J. A. Merola and A. C. Gillespie), 1 July 1980 through 31 July 1980. (Project 761508 - Continuation)

$262.00 - Morehead State University, Morehead, Kentucky, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 15 June 1980 through 31 July 1980. (Project 768031 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,478,679.00
September 5, 1980 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$2,485.00 - State of Ohio, Department of Energy, Columbus, Ohio, Service Trial of Waste Vegetable Oil as a Diesel Fuel Supplement, Department of Mechanical Engineering, April 1, 1980 through September 30, 1980. (EES586/529066, Extension 2)

Industrial and Other Sponsored Research and Development


$34,192.00 - Brown and Root, Houston, Texas, Improvements in Analytical Techniques for the Static and Dynamic Analysis of Offshore Pipelines Which Are Under Construction, Department of Mechanical Engineering, June 1, 1980 through September 30, 1981. (EES608/529088)

$25,000.00 - Engineering Council for Professional Development, New York, New York, Research Apprenticeship for Disadvantaged High Schoolers (RADHS), College of Engineering, June 1, 1980 through December 31, 1980. (EES015/529312)

$15,000.00 - American Iron and Steel Institute, Washington, D. C., Columns Braced in Nonprincipal Directions, Department of Civil Engineering, May 1, 1980 through April 30, 1981. (EES98/529078, Extension 1)

$15,000.00 - Bethlehem Steel Research Center, Bethlehem, Pennsylvania, Kinematics of Iron Oxide Reduction in Coal, Department of Metallurgical Engineering, July 1, 1980 through June 30, 1981. (EES609/529089)

$402,005.00 - forty-nine sponsors for 62 development projects under the direction of 15 departments.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $695,987.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$100,000.00 - Battelle Memorial Institute Foundation, Columbus, Ohio, for Friends of WOSU Endowment Fund.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of $5,000 or More (contd)

$70,000.00 - General Motors Foundation, Inc., Detroit, Michigan--$13,000.00 for Capital Campaign-Mechanical Engineering; $11,000.00 for Capital Campaign-Electrical Engineering; $8,000.00 for Capital Campaign-Industrial and Systems Engineering; $7,000.00 for Capital Campaign-Chemical Engineering; $6,000.00 for College of Engineering Special Fund; $6,000.00 for Engineering Mechanics Chairman's Discretionary Fund; $6,000.00 for Capital Campaign-Welding Engineering; $5,000.00 for Capital Campaign-Engineering Graphics; $5,000.00 for Capital Campaign-Metallurgical Engineering; and $3,000.00 for Affirmative Action Program in Engineering.

$67,750.00 - Arthur E. Shepard, Columbus, Ohio (2,000 shares Alexander & Alexander Services, Inc.), for Arthur E. Shepard Designated Professorship in Insurance.

$50,000.00 - The Spencer Foundation, Chicago, Illinois, for Spencer Educational Scholars Fund.

$42,566.00 - Eli Lilly Company, Indianapolis, Indiana--$30,566.00 for Cardiovascular Research and $12,000.00 for Infectious Disease Research Fund.

$28,698.85 - Louise Orr Scott Foundation, Columbus, Ohio--$21,524.14 for William Craig Orr and Mary Black Orr Scholarship in Medicine and $7,174.71 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

$22,919.00 - E. I. duPont de Nemours & Co., Wilmington, Delaware, for Clinical Pharmacology Fund.

$22,000.00 - Mrs. Florence Melton, Columbus, Ohio, for Florence Melton Discovery Group Project.

$21,991.53 - University Eye Surgeons, Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

$21,945.44 - American Hoechst Corporation, Bridgewater, New Jersey, for Infectious Disease Research Fund.


$20,000.00 - The Bremer Foundation, Youngstown, Ohio, for Bremer Foundation Fund.

$17,281.76 - Retinal Consultants, Inc., Columbus, Ohio--$14,458.34 for Retina Research Fund and $2,823.42 for Ophthalmology Photography Fund.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of $5,000 or More (contd)

$16,250.00 - Owens-Corning Fiberglas Corp., Toledo, Ohio--$10,000.00 for WOSU Support Fund; $6,000.00 for Owens-Corning Fiberglas Engineering Scholarship Fund; and $250.00 for College of Engineering Special Fund.

$14,024.70 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

$13,500.00 - Grange Mutual Casualty Co., Columbus, Ohio, for WOSU Support Fund.

$13,100.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for John L. Carruthers Fellowship in Ceramic Engineering.

$12,500.00 - Landmark, Inc., Columbus, Ohio (given in the names of Hughes, Wollenslegel, Wisenstein, and Casey), for Landmark-OARDC.

$12,364.00 - IBM, Tarrytown, New York, for Department of Physics IBM Minority Fellowship Fund.

$11,000.00 - Dr. Ulrich Saxer, Columbus, Ohio, for Veterinary Surgery Research.

$10,000.00 - Bethlehem Steel Corporation, Bethlehem, Pennsylvania, for Bethlehem Steel-Senior Projects.

$10,000.00 - Paul Ecke Poinsettias, Encinitas, California (given in the name of Elisabeth Ecke), for D. C. Kiplinger Chair in Floriculture.

$10,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for Advanced Design Methods Laboratory-Mechanical Engineering.

$10,000.00 - Oncology Immunology Lab, Columbus, Ohio (given in the name of John P. Minton), for Cancer Research Fund.

$9,731.25 - Mrs. Beatrice Newman, Columbus, Ohio (300 shares of Standard Shares, Inc.), for M. S. Newman Professorship of Chemistry.

$8,527.94 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

$7,910.00 - The Peat, Marwick, Mitchell Foundation, New York, New York, for Peat, Marwick, Mitchell Discretionary Fund.

$7,500.00 - Florence E. K. Hurd Fund of the Columbus Foundation, Columbus, Ohio--$3,975.00 for Professional Studio Training in the Visual Arts and $3,525.00 for Professional Training in the Visual Arts Scholarship Fund.
September 5, 1980 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)

$6,960.00 - The Procter & Gamble Co., Cincinnati, Ohio, for Procter & Gamble Fellowship Fund in Chemical Engineering.

$6,697.75 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

$6,240.51 - Citizens Loan & Building Company, Lima, Ohio, for Diabetes Research Fund.

$6,040.00 - Nationwide Insurance Co., Columbus, Ohio, for WOSU Support Fund.

$6,000.00 - Ohio Nurserymen's Assoc., Inc., Columbus, Ohio, for Ohio Florists Association Special Fund.

$6,000.00 - Mrs. Dorothy V. Steiner, Clearwater, Florida, for Loren F. Steiner Entomology Memorial Fund.

$5,275.00 - Merrill-National Laboratories, Cincinnati, Ohio, for Gastrointestinal Cancer Research Fund.

$5,000.00 - Society of American Florists, Edwardsville, Illinois, for Ohio Florists Association Special Fund.

$5,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Mechanical Engineering Coal Combustion Laboratory Fund.

$5,000.00 - McDonald's, Columbus, Ohio (given in the names of Thomas G. Fewster and Victor Lucas)-$2,500.00 for Ohio 4-H Foundation Support Fund and $2,500.00 for Ohio 4-H Foundation Fund.

$5,000.00 - Mobil Foundation, Inc., Paulsboro, New Jersey, for Mechanical Engineering Coal Combustion Laboratory Fund.

$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

$5,000.00 - Uniroyal, Inc., Naugatuck, Connecticut, for Endowed Professorship in Plant Protection.

Gift-in-Kind

$57,800.00 - Nicolet Scientific Corp., Northvale, New Jersey, equipment for Department of Mechanical Engineering.
Establishment of Named Funds

The Kathryn M. Wildermuth Memorial Scholarship Fund

The Kathryn M. Wildermuth Memorial Scholarship Fund was established September 5, 1980, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mrs. Kathryn M. Wildermuth 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 is to be used to provide one or more scholarships for undergraduate students in the upper 10 per cent of their class and who are deserving of scholarship aid; the selection of the recipient(s) to be made upon the recommendation of 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 appropriate administrative official of the University who is then directly responsible for scholarships.

The David and Phyllis Beck Scholarship Fund

The David and Phyllis Beck 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 David and Phyllis Beck, 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 income is to be used to provide undergraduate and graduate scholarships in the College of Agriculture and Home Economics, with preference given to students of the Department of Animal Science from Montgomery and Preble Counties, Ohio. Student recipients will be determined by a scholarship selection committee composed of the Dean of the College of Agriculture and Home Economics, the Department Chairman of Animal Science and the County Extension Agents of Montgomery and Preble Counties. Requisitions for scholarships are to be approved by the Dean of the College of Agriculture and 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College 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.
The Hans Willenegger Residency in Veterinary Surgery

The Hans Willenegger Residency in Veterinary Surgery was established September 5, 1980, by The Ohio State University Board of Trustees with gifts to The Ohio State University Development Fund from Western European nationals and members of the Association for Osteosynthesis (AO) International in recognition of the work and ideals of Professor Doctor Hans Willenegger.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 shall be used as a stipend to support a residency position in veterinary surgery. The stipend will be comparable with other resident stipends within the College of Veterinary Medicine. First preference must be given to veterinarians who are Western European nationals who have met all criteria for admission and immigration. The names and qualifications of candidates will be screened by a committee of AO International representatives and then presented to the College of Veterinary Medicine Graduate Resident Committee. The chairperson of this committee will forward a specific recommendation to the Dean of the College of Veterinary Medicine, who will name the recipient.

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 medical education.

The Michael Swink Memorial Scholarships in Theatre

The Michael Swink Memorial Scholarships in Theatre 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 the family and friends of Michael Swink, B.A. ’75, 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 is to be used to provide one or more scholarships for undergraduate students who have demonstrated exceptional talent and ability in theatre in the area of stage lighting, sound, and/or stage design. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of the Arts.
September 5, 1980 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 Michael Swink Memorial Scholarships in Theatre (contd)

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 theatre education.

The College of Medicine Class of 1922 Memorial Scholarship Fund

The College of Medicine Class of 1922 Memorial Scholarship Fund was established September 5, 1980, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mabel Ensworth Goudge, M.D. '22, of Wolfville, Nova Scotia.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 a scholarship for a second-year medical student with selection of the recipient to be made upon the recommendation of the University Committee on Student Financial Aid, in cooperation 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 appropriate administrative official of the University who is then directly responsible for medical scholarships.

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 founder, Walter E. 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
September 5, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Morgan Memorial Scholarship Fund (contd)

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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EMPLOYMENT OF ARCHITECT/ENGINEER

ENERGY MODIFICATIONS TO BUILDINGS-PHASE V (PROJECT "A")

Resolution No. 81-27

Synopsis: Employment of engineer to conduct study for project, Energy Modifications to Buildings-Phase V (Project "A"), is being proposed.

WHEREAS the present energy availability necessitates the continuation of the ongoing energy conservation modifications at The Ohio State University; and

WHEREAS the completed energy programs have resulted in substantial savings for The Ohio State University, and the Energy Management Committee has approved programs for modification of the existing outside air and recirculation air systems and associated controls in Founders' Hall on the Newark Campus for an annual savings of approximately $25,000 with a one year and seven month payback; modification of the existing centrifugal chiller from natural gas to electric drive at an estimated annual savings of $21,812 with a two year and four month payback in the Fawcett Center for Tomorrow; and replacement of the existing 316 ton absorption chiller with electric centrifugal chiller in the Health Sciences Library with an estimated annual savings of $25,000 with a three year and six month payback; and

WHEREAS $199,700 has been provided from Contract Repair Funds:

NOW THEREFORE

BE IT RESOLVED, That the firm of Philip E. Absi and Associates of Columbus, Ohio, be employed for engineering services, including working drawings, specifications, estimates of costs, and all necessary bidding documents and supervision of construction; and
September 5, 1980 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER (contd)

ENERGY MODIFICATIONS TO BUILDINGS–PHASE V (PROJECT “A”) (contd)

BE IT FURTHER RESOLVED, That the fee for these services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost estimated to be $199,700.

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

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LEASE - GREENTREE ENTERPRISES, INC.

Resolution No. 81-28

Synopsis: Lease of 1,600 square feet of floor space in the Ohio Union for a food service operation is being presented for approval.

WHEREAS Pizza Hut previously occupied 1,600 square feet of floor space in the Ohio Union for a food service operation; and

WHEREAS the Pizza Hut food service operation was terminated on August 10, 1980; and

WHEREAS there is currently no need for this space to be used for the academic programs of the University; and

WHEREAS Greentree Enterprises, Inc., submitted a bid to The Ohio State University Purchasing Department for a food service operation which would replace the terminated Pizza Hut food service operation offering to pay rent based on a percentage of gross sales:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to execute a lease with Greentree Enterprises, Inc., for the lease of 1,600 square feet of floor space in the Ohio Union for a lease term of September 8, 1980 to June 30, 1985, with the rent for said term being based on the following percentages of gross sales: 12 per cent, except that 13 per cent shall be paid on the sales of beer and wine; in the event gross sales exceed $250,000 in any lease year, the percentage rent would be 13 per cent and 14 per cent, respectively, on any such excess.

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

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September 5, 1980 meeting, Board of Trustees

AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS
Resolution No. 81-29

Synopsis: Amendments to University Hospitals Board Bylaws is proposed.

WHEREAS pursuant to rule 3335-103-01 of the Administrative Code, the Board of Trustees is authorized to amend the University Hospitals Board Bylaws; and

WHEREAS after a careful study of the University Hospitals Board Bylaws, as approved by the Board of Trustees on May 2, 1980, certain amendments are recommended; and

WHEREAS paragraph (B) of rule 3335-101-03, Medical Staff Organization, is amended to be consistent with rule 3335-97-03 in which the Medical Staff should recommend to the Joint Conference Committee of the Board, appointments or re-appointments of applicants to the Medical Staff; and

WHEREAS whenever the term "Hospital Clinical Service" appears in paragraph (B) of rule 3335-101-06, and in rule 3335-101-07, the terminology is amended to read "Hospital Clinical Departments" in order to make it consistent with the Medical Staff Bylaws; and

WHEREAS the composition of committees is changed from three to four members in rules 3335-97-03, 3335-97-04, and 3335-97-05:

NOW THEREFORE

BE IT RESOLVED, That the amendments as recommended by the University Hospitals Board be approved as they are printed in the accompanying pages.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

3335-97-03 Joint conference committee.

(A) Purpose. The joint conference committee shall be a forum for discussion of medical policy and practice in the university hospitals and shall advise the board concerning hospitals patient care goals, policies, standards of care, and general operating problems. All recommendations of the medical staff to the board shall first be sent to the joint conference committee for its consideration and recommendation before being acted upon by the board. The committee shall perform such other duties as shall be given it by the board and shall also have the following specific duties:

(1) Accreditation. The committee shall be responsible for advising the hospitals board on all matters relevant to maintenance of joint commission on accreditation of hospitals’ accreditation. The committee shall monitor hospitals operation to identify areas of potential non-compliance with joint commission on accreditation of hospitals’ standards and shall make recommendations to the hospitals board and to the medical staff for appropriate action.
AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

(2) Disaster planning. The committee shall be responsible for the development and maintenance of methods for the protection and care of hospitals patients and others at the time of internal and external disaster.

(3) Medical staff appointments. The committee shall make recommendations to the board on all applications for appointment or reappointment to the medical staff of the hospitals, and on all matters dealing with suspension or revocation of privileges of members of the medical staff, as may be provided under the bylaws of the medical staff.

(4) Medical staff bylaws, rules, and regulations. The committee shall recommend to the hospitals board all bylaws, rules, and regulations governing the activities of the medical staff, or amendments thereto, that it may consider necessary to assure proper patient care.

(5) Medical staff liaison. The committee shall advise the hospitals board on any communications, requests, or recommendations presented by the medical staff through its duly authorized representatives. The committee shall receive and consider all reports on the work of the medical staff organization and make such recommendations to the board as it considers to be in the best interest of the hospitals. The committee shall also receive and consider issues that may arise in the planning and operation of the hospitals that affect the relationship of the board, hospitals management, and medical staff organization.

(B) Composition. The hospitals board shall be represented on the committee by the vice chairman of the board, who shall serve as chairman of this committee, and four other members of the board appointed annually by the board chairman. Other members of the joint conference committee will be as follows: the director of university hospitals, the medical director of the hospitals, the associate administrator of nursing services, the chief of staff or person in equivalent position, and two additional members of the medical staff selected by the organized medical staff. The director of university hospitals will serve as secretary of the committee.

(C) Meetings. The joint conference committee shall meet on call by the committee chairman and shall advise the board members and medical staff of its activities.

3335-97-04 Finance committee.

(A) Purpose. The finance committee shall be responsible for advising the board on hospitals financial matters. The committee will review the annual operating budget, monthly financial reports, and any proposals for adjusting hospital charges for services before they are submitted to the board for recommendation to the university administration and the university board of trustees.

(B) Composition. The finance committee shall consist of four board members appointed annually by the chairman of the board, one of whom shall be the chairman of this
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AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for personnel services or designee; the hospitals medical director or designee; and the chief of medical staff or designee.

(C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

3335-97-05 Hospital facilities committee.

(A) Purpose. The committee shall monitor the condition of the hospitals facilities and shall have the responsibility for planning and recommending additions, alterations, repair, and maintenance.

(B) Composition. The committee shall consist of four board members, appointed annually by the chairman of the board, one of whom shall serve as chairman of the committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for business and administration or designee; and the medical director of the hospitals or designee.

(C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

3335-97-06 Special committees.

Special or ad hoc committees of the board may be established by the board.

Chapter 3335-99

RELATIONSHIPS OF HOSPITALS TO HEALTH SCIENCES, ACADEMIC, AND RESEARCH PROGRAMS

3335-99-01 Relationships of hospitals to health sciences, academic, and research programs.

The health sciences colleges of the university carry out a significant portion of their educational and research activity in university hospitals. Although the board has not been delegated specific responsibilities for academic programs, it shall lend its best efforts to assure that the programs of the health sciences colleges are effectively supported in collaboration with the hospitals patient care programs. The vice president for health sciences shall be charged with maintaining an effective liaison between the health sciences colleges and the hospitals board to assure excellence in both academic and patient care programs.
AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

Chapter 3335-101

MEDICAL STAFF

3335-101-01 General.

The hospitals board holds the medical staff organization accountable to the board for establishing and maintaining standards of medical care. The board will review and approve the medical staff bylaws before they are submitted to the Ohio state university board of trustees.

3335-101-02 Medical staff.

For purposes of Chapter 3335-101 of the Administrative Code, the words “medical staff” shall include all physicians and dentists who are authorized to attend patients in the hospital or in any other medical care activity administered by the hospitals, and may include such other professionals as the medical staff bylaws designate.

3335-101-03 Medical staff organization.

The board shall approve and authorize the organization of the medical staff to discharge those duties and responsibilities assigned to it by the board and specifically to accomplish the following purposes, among others:

(A) To monitor the quality of medical care in the hospital and make recommendations to the board to ensure that all patients--admitted to or treated at any of the facilities, departments, or services of the hospitals--receive high quality medical care.

(B) To recommend to the joint conference committee of the board the appointment or reappointment of an applicant to the medical staff of the hospitals, the clinical privileges such applicant shall enjoy in the hospitals, and appropriate action that may be necessary in connection with any member of the medical staff.

(C) To represent the medical staff of the hospitals and to provide the means whereby issues concerning the medical staff and the hospitals are discussed within the medical staff organization and among representatives of the medical staff, the hospitals board, and the hospitals administration.

(D) To establish specific rules and regulations governing actions of members of the medical staff.

3335-101-04 Medical staff bylaws.

The medical staff organization shall recommend to the board medical staff bylaws, rules, and regulations that set forth the medical staff organization and the governance process for maintaining such bylaws, rules, and regulations to accomplish the purposes set forth in rule 3335-101-03 of the Administrative Code. When such bylaws, rules, and
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AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

regulations are adopted by the board and the Ohio state university board of trustees, they shall become effective and become part of the bylaws, rules, and regulations of the hospitals. The medical staff organization shall also be responsible for reviewing these bylaws, rules, and regulations periodically and recommending appropriate revisions to the board.

3335-101-05 Appointment to the medical staff and assignment of clinical privileges.

Upon recommendation of the medical staff and in accordance with the medical staff bylaws, the board may appoint faculty members who are graduates of recognized medical and dental schools, meeting the qualifications prescribed in the medical staff bylaws, to membership on the medical staff of the hospitals and shall grant clinical privileges to such persons, subject to ratification of the Ohio state university board of trustees. Appointment to the medical staff carries with it full responsibility for the treatment of individual hospitals' patients subject to such limitations as may be imposed by the board or the bylaws, rules, and regulations of the medical staff. Appointments to the medical staff shall be for one year, renewable each year in accordance with the reappointment procedure set forth in the medical staff bylaws. Reappointments to the medical staff will be made annually by the board, and shall be for one year.

3335-101-06 Medical staff administrative committee.

(A) Purpose. The medical staff administrative committee shall establish and maintain means of accountability to the board, in accordance with the medical staff bylaws. It shall concern itself primarily with the quality of medical care within the hospitals. It shall receive and act upon all medical staff committee reports and make recommendations regarding medical staff status and privileges to the board. Other specific duties of the medical staff administrative committee are identified in the medical staff bylaws.

(B) Composition. The medical board of the medical staff shall be known as the medical staff administrative committee which shall be composed of the chief of staff, the chief of staff-elect, the chiefs of clinical departments, three at-large members elected by the medical staff, the medical director, and the director of hospitals. The medical director, who is appointed by the dean of the college of medicine and the vice president for health sciences subject to approval by the board, shall serve as chairperson of the medical staff administrative committee.

(C) Meetings. The medical staff administrative committee shall meet monthly. Minutes of the meetings shall be provided to all members of the joint conference committee, the dean of the college of medicine, the dean of the college of dentistry, and the deans of other professional colleges whose faculty have appointment on the medical and dental staffs.

3335-101-07 Hospital clinical departments.

(A) Appointment of the chief of each clinical department is subject to approval by the board on the recommendation of the dean of the applicable professional
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AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

school and the vice president for health sciences. All such appointments shall be periodically reviewed by the board. Chiefs of clinical departments vacancies may be filled on an interim basis at any time by action of the dean of the appropriate professional college, after consulting with the board. (In general, the chiefs of clinical departments will be chairmen of corresponding academic departments in the medical college.)

(B) The board may delegate, through approval of the medical staff bylaws or by appropriate board resolution, to the chiefs of the clinical departments responsibility for maintaining the quality of medical care in their services, and for recommending an applicant's appointment or reappointment to the medical staff of the hospitals and privileges for such an applicant.

(C) The dean of the college of medicine serves as the chief medical officer of the hospitals and in this capacity is accountable directly to the vice president for health sciences and to the board. In matters relating to medical care in the hospitals, members of the clinical departments of the hospitals are accountable to their clinical chiefs, who are accountable to the medical director, who is accountable to the dean of the college of medicine.

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EASEMENT - COLUMBIA GAS OF OHIO, INC.

Resolution No. 81-30

Synopsis: Easement to Columbia Gas of Ohio, Inc., is proposed.

WHEREAS the University has received a request from Columbia Gas of Ohio, Inc., for a twelve-inch gas line across State of Ohio (The Ohio State University) lands from the intersection of Case and Sawmill Roads north along the east side of Sawmill Road for a distance of approximately 3,848 feet; and

WHEREAS Columbia Gas of Ohio, Inc., ultimately plans to link this gas line with an already existing gas line located north of Interstate 270 and east of Sawmill Road; and

WHEREAS the University will be permitted to tap into the gas line if the University should need gas service in that area; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of Public Works, Department of Administrative
September 5, 1980 meeting, Board of Trustees

EASEMENT - COLUMBIA GAS OF OHIO, INC. (contd)

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

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HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM
Resolution No. 81-31

Synopsis: Extension of the coverage of the Hospitals Self-Insurance and Indemnification Fund to University Hospitals Board members is proposed.

WHEREAS the Board of Trustees on December 15, 1976, pursuant to Ohio Revised Code section 2743.02(C), authorized the creation of a funded reserve known as the Hospitals Self-Insurance and Indemnification Fund to secure projected and potential expenses, losses and liabilities; and

WHEREAS under the aforementioned self-insurance program the Board resolved to indemnify and hold harmless the members of the Board of Trustees of The Ohio State University against expense, loss or liability arising out of death or injury to any person as a result of negligence, malpractice or other action or inaction of such Trustees while acting within the scope of their duties as the governing board of The Ohio State University Hospitals; and

WHEREAS the Board of Trustees on November 30, 1979 established a University Hospitals Board to oversee patient care services in University Hospitals; and

WHEREAS the University Hospitals Board was composed of three members of the University Board of Trustees and twelve other persons from the general public appointed by the Board of Trustees in consultation with the President; and

WHEREAS on April 4, 1980 the Board of Trustees nominated and appointed twelve general public members to the University Hospitals Board, effective on May 1, 1980:

NOW THEREFORE

BE IT RESOLVED, That effective May 1, 1980, pursuant to Ohio Revised Code section 2743.02(C), the University Hospitals Self-Insurance and Indemnification Program be extended, within existing coverage limitations of the fund, to provide coverage to the twelve general public members of the University Hospitals Board; and

BE IT FURTHER RESOLVED, That within the limits of the fund, the twelve general public members of the University Hospitals Board be indemnified and held harmless against expense, loss or liability arising out of death or injury to any person as a result of negligence, malpractice or other action or inaction of such general public members while acting within the scope of their duties as members of the University Hospitals Board.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 5, 1980 meeting, Board of Trustees

ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980

Resolution No. 81-32

Synopsis: Providing for the issuance and sale of The Ohio State University General Receipts Bond Anticipation Notes, Series 1980 is recommended.

WHEREAS the Board of Trustees of The Ohio State University (the "Board"), is vested with the government of The Ohio State University (the "University" and, when the context admits, collectively with the Board called the "University") by Chapter 3335, Ohio Revised Code; and

WHEREAS the University has previously determined, and does hereby confirm, that it has been necessary to construct and equip certain vehicular parking facilities on the campus of the University, comprised of two multi-level parking structures and appurtenances known as the 9th Avenue Parking Ramp and the 11th Avenue Parking Ramp, with an aggregate capacity for the parking of approximately 1,740 motor vehicles, and that it is necessary to install smoke detector equipment in 11,113 living units of University and University Housing Commission dormitories and other University living quarters and in the common areas of 25 University and University Housing Commission dormitory buildings, such vehicular parking facilities and smoke detector equipment being herein called the "Project"; and

WHEREAS the costs of the Project constituting "costs of auxiliary facilities" as defined in Section 3345.12 (A) (8), Ohio Revised Code (the "costs of the Project") are at least $9,500,000; and

WHEREAS the University previously determined, and does hereby confirm, to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds (the "Bonds") at such time and in such principal amount as may be necessary for such purpose, pursuant to authorizing provisions of law including Sections 3345.11 and 3345.12, Ohio Revised Code; and

WHEREAS the University heretofore determined that it was necessary to issue, prior to and in anticipation of permanent financing of the costs of the Project, $9,500,000 of General Receipts Bond Anticipation Notes, Series 1979 (the "Outstanding Notes") as provided in Resolution No. 80-58 adopted by this Board on November 30, 1979, and has determined that it is necessary to issue notes as provided in this resolution to refund the Outstanding Notes; and

WHEREAS the Outstanding Notes mature December 27, 1979 subject to the right of the University to prepay and redeem the Outstanding Notes which this Board has determined to do as of October 1, 1980;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University, that:

Section 1. It is determined to be necessary to borrow, pursuant to Section 3345.11 and 3345.12, Ohio Revised Code and for the purpose of refunding the Outstanding Notes issued
ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980 (contd)

for the purpose of paying the costs of the Project, the amount of $9,500,000 and to issue General Receipts Bond Anticipation Notes, Series 1980 (the "Notes") to evidence such borrowing.

Section 2. The Notes shall be in the aggregate principal amount of $9,500,000; shall be dated as of October 1, 1980; shall bear interest from their date at a rate or rates not exceeding ten per centum (10%) per annum, to be fixed by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such interest to be payable at maturity; and shall mature April 1, 1981; shall be issued in such denominations as requested by the Original Purchaser and approved by the Fiscal Officer, provided that the denominations shall be in the minimum amount of $25,000 each and if greater in multiples of $5,000 and that the entire principal amount may be represented by a single note; shall be numbered as determined by the Fiscal Officer; shall not have coupons attached; shall be signed in their official capacities by the Chairman of the Board or the President of the University and by the Fiscal Officer, provided that one of such signatures may be a facsimile signature; and shall express upon their faces the purpose for which they are issued and that they are issued pursuant to this resolution.

Section 3. The Notes may be issued in registered form or in unregistered form as requested by the Original Purchaser, shall reflect the appropriate terms of the offer and sale thereof consistent with this resolution and with the Invitation for Proposals attached hereto, and may contain such other provisions, consistent with this resolution and with the Invitation for Proposals attached hereto, as the President of the University or the Fiscal Officer may approve.

Section 4. If the holder (in this section called the "owner") of a note issued pursuant to this resolution claims that such note has been lost, destroyed, or wrongfully taken, the Fiscal Officer is authorized to cause to be executed and delivered a new note (in this section called the "replacement note") of like date and tenor (specifying on its face, however, that it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35, Ohio Revised Code, and of this section. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Fiscal Officer and shall include evidence satisfactory to the Fiscal Officer of such loss, destruction, or wrongful taking and of his ownership. The Fiscal Officer is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 5. The principal of and interest on the Notes shall be payable at the main office of The Huntington National Bank of Columbus, Columbus, Ohio, or at such other bank designated by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such payment to be made in Federal Reserve Funds of the United States of America if the Original Purchaser shall so elect.
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ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980 (contd)

Section 6. The Notes shall be sold by the Fiscal Officer at a rate of interest not exceeding the limitation set forth in Section 2 hereof, at par and any premium, and in accordance with the provisions of the "Invitation for Proposals" attached hereto. The Fiscal Officer is hereby authorized and directed to deliver the Notes, when executed, to the Original Purchaser upon payment of the purchase price together with any accrued interest.

Section 7. As provided in this resolution, the principal of and interest on the Notes, together with the principal of and interest on any other notes that may hereafter be issued by the University on a parity therewith, shall be equally and ratably payable from, and secured by a pledge of and a lien on, the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by this Board on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. The principal of and interest on the Notes shall also be equally and ratably payable from, and secured by a pledge of and lien on, the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law to refund or retire the Notes in whole or in part. Neither the State of Ohio nor the University or its Board shall be obligated to pay the principal of or interest on the Notes from any other funds or source, and the Notes shall not be a claim upon or lien against any property of the State of Ohio, or any other property of or under the control of the University. The Notes, as to both principal and interest, are not debts or bonded indebtedness of the State of Ohio, are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.

In consideration of the loan evidenced by the Notes, the University covenants and agrees that it will do all things necessary to effect the issuance and delivery, prior to the maturity of the Notes, of bonds or notes for the refunding or retiring of the Notes, pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law, in such principal amount as may be necessary to pay the principal of or interest on the Notes, that it will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and that it shall apply the proceeds thereof to the extent necessary to make full payment of said principal of and interest on the Notes, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trust or stations within the meaning of Section 2731.01, Ohio Revised Code.

In connection with the aforesaid covenant, it is the present intention of the University that any bonds eventually issued to retire the Notes or notes issued to refund the Notes will be issued as General Receipts Bonds pursuant to the General Bond Resolution, and that such bonds shall have not to exceed 30 annual principal maturities and that the debt service thereon shall be on a substantially level debt service basis.

Section 8. The proceeds of the Notes shall be applied promptly by the Fiscal Officer to the timely payment and discharge of the like aggregate principal amount of the Outstanding
ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980 (contd)

Notes. The Fiscal Officer is hereby directed to apply to the payment of the interest due on the Outstanding Notes upon the date of their prepayment, such amounts as may be required therefor from funds of the University lawfully available therefor.

Section 9. The University hereby covenants that it will restrict the use of the proceeds of the Notes in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Notes, so that the Notes will not constitute arbitrage bonds under Section 103 (c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer, or any other officer having responsibility for issuing the Notes, is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings, setting forth the reasonable expectations of the University on the date of delivery of and payment for the notes regarding the amount and use of the proceeds of the Notes and the facts, estimates and circumstances on which they are based pursuant to said Section 103 (c) and the applicable income tax regulations thereunder.

Section 10. This Board determines to prepay the Outstanding Notes as of October 1, 1980, and the Fiscal Officer is hereby authorized and directed to take the appropriate steps and actions and to give such notices as required by Resolution 80-58 to effectuate the prepayment of the Outstanding Notes on said date.

Section 11. As used in this resolution, “Fiscal Officer” shall mean the Vice President for Business and Administration of the University, or, in his absence, the Treasurer of the University; “Original Purchaser” shall mean each financial institution or underwriter which initially purchases the Notes, as identified in the certificate of the Fiscal Officer awarding the Notes pursuant to Section 6 hereof; and references to any specified section of the Ohio Revised Code shall mean said section as it now exists and as it may from time to time be amended, supplemented or affected by later legislation, and shall include any provision enacted in substitution therefor or as a supplement thereto. Any reference in this resolution to an officer of the University or the Board shall refer to the person holding such office or, in the event of absence or vacancy in such office, then to the person performing the duties of such office.

Section 12. It is hereby found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22, Ohio Revised Code.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
INVITATION FOR PROPOSALS
$9,500,000 THE OHIO STATE UNIVERSITY
GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980

The Ohio State University (the "University"), Columbus, Ohio, contemplates the issuance of general receipts bond anticipation notes in the principal amount of $9,500,000 (the "Notes") to refund a like amount of general receipts bond anticipation notes previously issued in anticipation of the issuance of General Receipts Bonds, to pay the costs of certain University Facilities, consisting of the construction and equipping of new vehicular parking facilities and the installation of smoke detector equipment in University and University Housing Commission dormitories and other University living quarters.

Sealed proposals for the purchase of the Notes will be received by the University Treasurer at his office in 910 Lincoln Tower, the address of which is 1800 Cannon Drive, Columbus, Ohio 43210, until 12:00 o'clock, Noon, Eastern Daylight Saving Time on September 26, 1980, at which time the proposals will be opened and read publicly.

The Notes will be dated as of October 1, 1980, will mature April 1, 1981, will not be subject to prepayment nor have coupons attached and will bear interest from their date payable at maturity.

Proposals may be for all or part of the $9,500,000 principal amount of the Notes, provided that (i) each proposal for less than all of the Notes shall be in a whole multiple of $500,000 and (ii) each proposal shall be in an amount not less than $1,000,000. Each proposal shall be for the purchase of the Notes proposed to be purchased at not less than par, and shall state the principal amount proposed to be purchased and the interest rate or rates which said principal amount shall bear, but only one rate shall be specified for any given $500,000 segment of Notes proposed to be purchased. "All or none" proposals with respect to any principal amount of Notes proposed to be purchased shall not be considered. Each proposal shall be in writing, on the form provided by the University, and enclosed in a sealed envelope endorsed "Proposal for General Receipts Bond Anticipation Notes, Series 1980."

The Notes or any portion thereof will be sold to the party or parties submitting the highest proposal therefor based on the lowest interest cost to stated maturity. Each segment of the Notes for which a given party submitting a proposal specifies a separate interest rate will be considered a separate proposal and any premium specified will be allocated pro rata among all the segments proposed to be purchased, unless separate premiums are specified for each segment. The lowest interest cost for each segment will be determined by taking the aggregate amount of interest to the stated maturity at the rate specified and deducting therefrom the amount of premium applicable thereto. The Notes will then be awarded in segments commencing with the segment for which the lowest interest cost was offered and continuing with the awards in order of interest cost offered, from lowest to highest; provided, however, in the event that two or more proposals specify the same lowest interest cost and the award to such parties submitting proposals would exceed the principal amount of the Notes offered for sale, the award as to such proposals will be made pro rata.

The University reserves the right to award to any party submitting a proposal all or any part of the Notes which such party submitting a proposal offers to purchase in its proposal on
the basis of such proposal, except that partial awards shall be in the amount of at least $500,000. In the event that a pro rata award would result in a partial award of less than $500,000, the successful party submitting a proposal with respect to that segment will be determined by lot. In addition, the University reserves the right to reject any or all proposals and to re-offer the Notes (in the same or in an increased or decreased aggregate principal amount) for sale, and also reserves the right to waive any informality, irregularity or defects.

The Notes will be payable at the main office of The Huntington National Bank of Columbus, Columbus, Ohio, or at such other bank designated by the University Vice President for Business and Administration, or the University Treasurer, as the case may be, in his certificate awarding the notes as provided in Section 6 of the note resolution authorizing the Notes; will be payable in Federal Reserve funds of the United States of America if so requested by the purchaser or purchasers; and will be in such numbers and denominations (provided that the denominations shall be in the minimum amount of $25,000 each and if greater, in multiples of $5,000) as may be requested by the purchaser or purchasers and approved by the Vice President for Business and Administration of the University, or in his absence, the University Treasurer.

Principal of and interest on the Notes and such other notes that may be issued on a parity therewith, are payable from the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by the Board of Trustees of the University on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. Principal of and interest on the Notes are also payable from the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code or other authorizing provisions of law to refund or retire the Notes in whole or in part. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.

Legal matters incident to the issuance of the Notes and with regard to the tax-exempt status of the interest thereon are subject to the approving legal opinion of Squire, Sanders & Dempsey, Bond Counsel, which will be furnished without cost to the successful party or parties submitting proposals at the time the Notes are delivered. Bond Counsel has not been engaged to confirm or verify, assumes no responsibility for, and expresses and will express no opinion as to the accuracy, completeness or fairness of any statements in any reports, financial information, offering or disclosure documents or other information relating to the University or the Notes that may be prepared or made available by the University or others to the parties submitting proposals for or holders of the Notes or others.

The University will furnish without expense the Notes which will be in printed form, and the cost of printing the Notes will not be considered in determining the highest proposal. A complete transcript of proceedings will also be furnished by the University together with a certificate that to the knowledge of the signers no litigation or administrative action or proceeding is pending or threatened at the time of delivery to restrain or enjoin or seeking to restrain or enjoin the issuance and delivery of the Notes, or to contest or question the proceedings and authority under which the Notes have been authorized, issued, sold, executed or delivered or the validity of the Notes.
INVITATION FOR PROPOSALS (contd)

The Notes will be delivered for payment at a single bank or trust company within the State of Ohio, or at a single bank or trust company in the City and State of New York, without cost to the purchasers, such bank or trust company to be designated by the Vice President for Business and Administration of the University, or, in his absence, the University Treasurer. Unless other mutually satisfactory arrangements are made, each successful party submitting a proposal will be required to accept delivery of the portion of the Notes which were awarded to it at such place when so available.

Before making tender of the Notes, or any portion thereof for which award has been made, at the place of delivery, the University shall give written notice to the successful parties submitting proposals not later than the fifth business day before the proposed tender, of the fact that the Notes, transcript, no-litigation certificate and approving opinion will be available for delivery and giving the date and hour for the tender at the place of delivery; provided, however, that nothing herein contained shall prevent the making of a mutually agreeable arrangement for the delivery of the Notes either at the place fixed for delivery or elsewhere.

It is anticipated that the Notes will be available for delivery on October 1, 1980, and payment therefor, together with any accrued interest thereon if delivered after October 1, 1980, must be made in Federal Reserve funds of the United States of America. If such notice has not been given by the University or waived by the successful party submitting a proposal and the Notes, transcript, no-litigation certificate and approving legal opinion are not available for delivery to the successful party submitting a proposal at such place of delivery on or before 12:00 o'clock Noon Eastern Daylight Saving Time of the 45th calendar day after the day fixed for receipt of proposals, and the successful party submitting a proposal shall not be in default of any of its obligations, it shall thereafter, and so long as tender thereof by the University shall not yet have been made, have the right to cancel the contract of purchase by delivering to the office of the undersigned during regular business hours written notice of such cancellation.

In the event that, prior to their delivery, the interest on said Notes should, by act of Congress or otherwise, become subject to federal income taxes, or any act of Congress should provide that the interest income on said Notes shall be taxable at a future date for federal income tax purposes, whether directly or indirectly, the successful party or parties submitting proposals may refuse to accept delivery.

It is contemplated that the undersigned, acting pursuant to the authority conferred by the resolution authorizing the issuance of the Notes, will award the same promptly on the day on which bids are received.

Richard D. Jackson
Acting University Treasurer
The Ohio State University
Telephone: (614) 422-6261

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September 5, 1980 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 81-33

RESOLVED, That the report on the University’s Investment Portfolio, dated August 15, 1980, 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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REPORT TO THE BOARD OF TRUSTEES
HAROLD L. ENARSON

Looking Ahead to Autumn Quarter--A Brief Preview

Mr. Chairman and members of the Board, there is a deathly still over the campus and it will not last. In a few days the campus will be alive with students and we will be opening a new academic year. In December--all too soon--I will be presiding at the 274th commencement exercises of The Ohio State University. I thought it might be helpful, I hope it will be of some interest to this Board, if I look ahead very quickly to the Autumn Quarter and give all of you, and through you others, a brief preview of the coming year.

Enrollment - It is heartening to see that our enrollment is relatively stable. At the Columbus campus we expect about 53,000 students. The regional campuses are expected to show an increase of enrollment of possibly 5 per cent or so to about 4,000 or 4,100 and of note to some of you, the freshman class of some 7,000 or 7,100 will have more women than men for the first time since World War II. It will have about 51 per cent to 49 per cent.

Housing - Our residence halls will be full, bulging. Indeed, we are making short-term arrangements to handle a temporary overflow of some 200 or so students, and of the 1,100 or so being housed, about half of these are freshmen.

Student Financial Aid - Student financial aid is a major problem this fall in ways that I suppose are obvious but often overlooked. There is a very substantial increase in the number of students needing aid and particularly in the amount needed. The number seeking aid is up 3-1/2 - 4 per cent over last fall and the amount they seek is up sharply over last year. Actually it is 22 per cent up. You might be interested to know that the need, the actual need as defined for aid is nearly $24 million in contrast with the $19.5 million of a year ago and that, of course, reflects inflation and higher fees and unfortunately the federal support is not increasing proportionately.

Leadership - A moment ago I recommended to you the filling of a major position in the University. I think it is important that you in overall understand where we are. Of the ten vice presidents all are now filled; of the seventeen deans all but Dentistry is filled and the search is underway for that person. Of the 117 departmental chairpersons there is one vacancy and four acting and of the 3,211 faculty, which excludes lecturers and teaching assistants, we will have 208 new this fall. I
Looking Ahead to Autumn Quarter--A Brief Preview (contd)

don't have firm, comparable data on this but it is my sure conviction that that is probably the lowest level of new hires for a long time. There is an extremely high degree of stability in the labor force of American higher education now. The reason is painfully obvious to those who are in the business.

Academic Programs and Support - With respect to academic programs and support, there are some new degree programs, notably the Doctor of Pharmacy and the Bachelor of Science in Aviation. These have been approved at all the University levels. We have done the impossible; we have actually consolidated some departments—the Departments of Biochemistry and Physiological Chemistry were consolidated. We have—thanks to Dr. Kuhn in the first instance and now Dr. Reynolds—a program review underway in 23 different areas, and seven of these reviews are to be completed this year. We are, as we reported this morning, in the midst of some major budget reallocations. We do move and have moved significant funds from areas of declining enrollment to areas of expanding enrollment such as engineering and administrative sciences. We have made a substantial investment in teaching and research equipment including $7 million in one-time funds last year.

Libraries - I think it is important to note that in our libraries, we now have well over 3.5 million books, up 95,000 over past autumn. We have allocated last year $400,000 in supplemental funds for acquisitions. I have to say in the same breath that the demand for increases in library resources continue to outstrip anything that we could possibly finance.

Health Sciences - In the health sciences, as I noted earlier, we have made key appointments in this past year, including the Director of Nursing, and as of today the Director of Hospitals. Despite very keen competition for nurses here in the community, our nursing staff is up from 415 to 520. University Hospitals now, as of today, has a formal medical staff organization and the medical faculty in the hospitals has elected a chief of medical staff.

Good news is never news, but it is noteworthy—at least to this Board—that the Practice Plan enters its second year and that through the diligent efforts of all concerned we have had a very smooth first year, and I find it particularly gratifying that there has been no need to use formal dispute procedures to resolve any of our problems. Both in Dentistry and Medicine we are now in transition from 3- to 4-year programs and it's heartening to know that we have some hard dollar support from the General Assembly. As I told you so many times, the federal capitation support for the health area is drying up very fast and I think to our great credit as an institution we have moved substantial sums of money from other parts of the enterprise to make up for these losses in the health sciences. I am not sure that's as well understood and appreciated in the health areas as it might be.
Looking Ahead to Autumn Quarter--A Brief Preview (contd)

International Programs - With respect to international programs, we have the office now of the Midwest University Consortium for International Activities and we have recently established a new Center for International Studies, and I think we have a first-rate person to head that up.

Support Services - Something called-the dullest possible bureaucratese support services yet utterly important--we established last year the Environmental Health and Safety Office. I think it is fair to say that we haven’t done enough over the years in this domain and it is fair to say that it will be difficult ever to do all that we perhaps should do or that people expect us to because the problems are so large and they are changing so rapidly, but we are making a major thrust and we now have a professional and clerical staff of 12 to monitor a whole range of potential hazards and to assure the safety of students and staff.

We have also strengthened our program for physically impaired, not because of pressures we have had from anybody at any time, but because it has been the right thing to do. We have put increased dollars into that program--we have a new Director hired who will be here soon, we have expended money to improve building access, we have added to our transportation services and we have eased access to the recreation programs.

Athletics - In athletics, I won’t touch on all the things that are covered everyday in the sports page because you know that. But what you don’t know and should know is that we continue to make improvements in our women’s programs. Our grants-in-aid were virtually zero when I came here eight years ago and the past four years we have moved the number of grants-in-aid for women from 62 to 92. We are not unaware of some of the problems of sister institutions around the nation including some of our Pac 10 colleagues on the West Coast. We are taking every precaution we can imagine. The academic advising of student athletes, we realize, is very sensitive and very important as is our monitoring of their eligibility, and we are strengthening the ties between the academic counseling of student athletes and the Office of Academic Affairs.

Traffic and Parking - There are really only several things of deep and profound interest to faculty, staff, and students--sex and parking--and I don’t have anything to say about the former, but with respect to parking, we had hoped to have a new street widening done by the first of the new year but it will be a little late. We are widening West Woodruff Avenue near High Street which I think will clearly improve the flow of traffic from campus. We have resurfaced and restriped the parking areas. We are making better use, incidentally, of our space by remarking some parking spaces to fit small cars. As a result, we have gained an additional 205 cars. We have also frustrated the President enormously because he can no longer find a place to park his car--which is not a small car--it is an old, tired car, but it’s not a small car.
September 5, 1980 meeting, Board of Trustees

REPORT TO THE BOARD OF TRUSTEES
HAROLD L. ENARSON (contd)

Facilities Improvements

Now, with your forebearance, I would like to go to one other item and this item is of such importance in terms of the future of this University that I have chosen to spell out my comments, and I realize you can read faster than--let your eye flow down the page faster than I can read, but I think it is important that I try to underscore some points with respect to facilities, and the points I make are in essence points that have been made before to you, but that doesn't delude from their fundamental validity.

First, every project in our current capital improvements program enhances the quality of the University's service in one way or another. Some projects are not glamorous. But all are essential.

Second, almost none of these projects is related to enrollment. Rather, they are directly linked to our efforts to provide better services in health and other areas. Or they are required because we must renovate or replace old buildings.

Third, it is absolutely essential that funds be provided to keep up with the ongoing maintenance requirements of a physical plant of about 440 buildings that have a replacement value of approximately $1 billion.

Finally--the most telling point in these figures--is the fact that all funds for construction and improvement of facilities at Ohio State will soon be gone.

The capital improvements bill has been stalemated in the General Assembly since last spring. We intend, however, to continue to press for passage of some kind of capital improvements measure. The magnitude of that bill, of course, must finally be determined by the political process.

Yet--and I want to underscore this point publicly once again--the capital projects proposed by this University nearly two years ago are still badly needed.

I recall that eight years ago, when I came here, the University's highest capital priority was replacement of the old Sawtooth section of McPherson Laboratory. It continues to be our top priority. It is a sad commentary that students who must use this laboratory probably had much better facilities in their high schools.

As every homeowner knows, it is the height of folly to neglect faulty plumbing or a leaking roof. A university is no different, except that when the damage comes it will be much more expensive to repair. The economy of delay is a false economy.

We should be spending $10-$12 million annually on utilities improvements and renovation alone, to say nothing of new facilities that may be needed in the years ahead. Yet the following figures are painfully clear. The count-down has begun. And this University has about two years before it runs out of capital improvements funds completely.
September 5, 1980 meeting, Board of Trustees

REPORT TO THE BOARD OF TRUSTEES
HAROLD L. ENARSON (contd)

Facilities Improvements (contd)

THE YEAR PAST: 1979-80

A. Projects Completed

<table>
<thead>
<tr>
<th>Project</th>
<th>Cost</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th Avenue Parking Ramp</td>
<td>$4.50M</td>
<td>January, 1980</td>
</tr>
<tr>
<td>Energy Control Center</td>
<td>0.55M</td>
<td>September, 1979</td>
</tr>
<tr>
<td>Starling-Loving Improvements (Optometry)</td>
<td>0.16M</td>
<td>September, 1979</td>
</tr>
<tr>
<td>University Hospitals Kitchen</td>
<td>0.775M</td>
<td>December, 1979</td>
</tr>
<tr>
<td>Classroom Improvements</td>
<td>0.30M</td>
<td>April, 1980</td>
</tr>
<tr>
<td>Sisson Hall Improvements</td>
<td>0.29M</td>
<td>May, 1980</td>
</tr>
<tr>
<td>Parking Lot Repairs</td>
<td>0.50M</td>
<td>September, 1979</td>
</tr>
<tr>
<td>Utility Line Improvements</td>
<td>0.88M</td>
<td>Various Times</td>
</tr>
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</table>

B. Projects Continued

<table>
<thead>
<tr>
<th>Project</th>
<th>Cost</th>
<th>Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agronomy Building</td>
<td>$13.60M</td>
<td>(Started 6/79)</td>
</tr>
<tr>
<td>Cancer Center Laboratory</td>
<td>2.70M</td>
<td>(Started 3/79)</td>
</tr>
<tr>
<td>Rhodes Hall</td>
<td>42.30M</td>
<td>(Started 7/75)</td>
</tr>
<tr>
<td>Energy Conservation</td>
<td>1.07M</td>
<td>(Started 3/79)</td>
</tr>
</tbody>
</table>

C. Projects Started

<table>
<thead>
<tr>
<th>Project</th>
<th>Cost</th>
<th>Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Hospitals Remodeling</td>
<td>$13.00M</td>
<td>February, 1980</td>
</tr>
<tr>
<td>Oral Surgery Remodeling (Dentistry)</td>
<td>0.20M</td>
<td>November, 1979</td>
</tr>
<tr>
<td>Dormitory Smoke Detectors</td>
<td>3.00M</td>
<td>July, 1979</td>
</tr>
<tr>
<td>Northwood School Barrier Removal</td>
<td>0.24M</td>
<td>November, 1979</td>
</tr>
<tr>
<td>Orton Hall Renovation</td>
<td>1.24M</td>
<td>October, 1979</td>
</tr>
<tr>
<td>St. John Arena Women's Locker Room</td>
<td>0.27M</td>
<td>May, 1980</td>
</tr>
<tr>
<td>Don Scott Field Improvements</td>
<td>0.74M</td>
<td>September, 1979</td>
</tr>
<tr>
<td>VA Clinic</td>
<td>3.50M</td>
<td>July, 1979</td>
</tr>
</tbody>
</table>

THE YEAR AHEAD: 1980-81

A. Projects To Be Completed

<table>
<thead>
<tr>
<th>Project</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancer Center Laboratory</td>
<td>$2.70M</td>
</tr>
<tr>
<td>Rhodes Hall</td>
<td>42.30M</td>
</tr>
<tr>
<td>Oral Surgery Remodeling</td>
<td>0.20M</td>
</tr>
<tr>
<td>Energy Conservation</td>
<td>1.07M</td>
</tr>
<tr>
<td>Dormitory Smoke Detectors</td>
<td>3.00M</td>
</tr>
<tr>
<td>Northwood School Barrier Removal</td>
<td>0.24M</td>
</tr>
<tr>
<td>Orton Hall Renovation</td>
<td>1.24M</td>
</tr>
<tr>
<td>St. John Arena Women's Locker Room</td>
<td>0.27M</td>
</tr>
<tr>
<td>Don Scott Field Improvements</td>
<td>0.74M</td>
</tr>
<tr>
<td>Woodruff-College Traffic Improvements</td>
<td>0.04M</td>
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<tr>
<td>Parking Lot Repairs</td>
<td>0.25M</td>
</tr>
<tr>
<td>Biological Sciences Energy Improvements</td>
<td>0.38M</td>
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<tr>
<td>North Dormitory HVAC Retrofit</td>
<td>0.36M</td>
</tr>
<tr>
<td>Other Utility &amp; Renovation</td>
<td>0.28M</td>
</tr>
</tbody>
</table>
Facilities Improvements (contd)

THE YEAR AHEAD: 1980-81 (contd)

B. Projects To Be Continued
   Agronomy Building $13.60M
   University Hospitals Remodeling 13.00M

C. Projects To Be Started
   Recreation Fields Lighting and Improvements $ 0.32M
   Chemical Warehouse 0.67M
   Additional Barrier Removal 0.20M

THE NEXT BIENNIAL: 1981-83

A. Projects To Be Completed
   Agronomy Building $13.60M
   University Hospitals Remodeling 13.00M
   Recreation Fields Lighting and Improvements 0.32M
   Chemical Warehouse 0.67M

B. Projects To Be Continued
   None funded by capital appropriations.

C. Projects To Be Started
   None funded by capital appropriations unless Capital Improvements Legislation, currently in Conference Committee, is passed.

Thereupon the Board adjourned to meet Friday, October 3, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
The Board of Trustees met at its regular monthly meeting on Friday, October 3, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
October 3, 1980 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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 personnel-related issues.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

CHANGE "THE WARNER M. AND LORA KAYS POMERENE PROFESSORSHIP IN MEDICINE" TO "THE WARNER M. AND LORA KAYS POMERENE CHAIR IN MEDICINE"

Resolution No. 81-34


WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs," which was subsequently modified March 3, 1972, and renamed "Endowed Chairs," and was modified further on May 5, 1978; and

WHEREAS the Board of Trustees on January 9, 1976 approved the establishment of an "Endowed Professorship" to be known as "The Warner M. and Lora Kays Pomerene Professorship in Medicine"; and

WHEREAS through an additional bequest to The Ohio State University Development Fund from Warner M. Pomerene (B.A. '15, LLB. '17) and Mrs. Lora Kays Pomerene (B.S. '16), of Coshocton, Ohio, it is desired to change the "Endowed Professorship" to an "Endowed Chair" to be known as "The Warner M. and Lora Kays Pomerene Chair in Medicine"; and

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

WHEREAS the annual income is to be used to provide salary and program support for the work of a distinguished teacher, researcher and physician who is specializing in the field of primary care with appointment to the Pomerene Chair to be recommended by the Dean of the College of Medicine and approved by the Vice President for Health Sciences and the Board of Trustees; and

WHEREAS 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 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 primary care medical education:
October 3, 1980 meeting, Board of Trustees

CHANGE "THE WARNER M. AND LORA KAYS POMERENE PROFESSORSHIP IN MEDICINE" TO "THE WARNER M. AND LORA KAYS POMERENE CHAIR IN MEDICINE" (contd)

NOW THEREFORE

BE IT RESOLVED, That "The Warner M. and Lora Kays Pomerene Professorship in Medicine" be changed to "The Warner M. and Lora Kays Pomerene Chair in Medicine."

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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PERSONNEL ACTIONS

Resolution No. 81-35

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, 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 5, 1980 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

Appointments

Name: MANUEL TZAGOURNIS
Title: Acting Dean
College: Medicine
Effective: Immediately
Salary: $52,200.00 (12-month)
Present Positions: Associate Dean, College of Medicine, and Professor, Department of Medicine

Name: MARLENE LONGENECKER
Title: Director, Center for Women’s Studies, and Associate Professor, Department of English
Effective: October 1, 1980
Salary: $27,000.00 (9-month)
Present Position: Associate Professor, Department of English

Name: WARREN J. KING
Title: Director
Office: Physically Impaired
Effective: November 1, 1980
Salary: $22,800.00 (12-month)
Present Position: Service Coordinator, Rehabilitation Service, Southwest State University, Marshall, Minnesota
October 3, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: JOAN E. GRITZMACHER
Title: Professor and Acting Chairman
Department: Home Economics Education
Effective: October 1, 1980
Salary: $31,320.00 (12-month)
Present Position: Professor, Department of Home Economics Education, The Ohio State University

Leaves of Absence Without Salary

WILLIAM E. HALL, Professor, School of Journalism, effective October 1, 1980 through June 30, 1981, to serve as visiting professor at the University of Hawaii.

MCHENRY R. BOATWRIGHT, Associate Professor, School of Music, effective October 1, 1980 through December 31, 1980, to participate in preparation, presentation, and concert touring in memory of Duke Ellington.

ADRIENNE W. HOARD, Assistant Professor, Departments of Art and Black Studies, effective October 1, 1980 through June 30, 1981, to accept a Fulbright-Hays Grant in Korea.

NADINE R. BROOKS, Instructor, Department of Communication, effective October 1, 1980 through December 31, 1980, for personal reasons.

Emeritus Titles

JACK J. EGGSPUEHLER, Department of Aviation, with the title Professor Emeritus, effective May 1, 1980.

LEROY E. JOHNSON, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective October 1, 1980.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-36

Synopsis: The report on contracts, grants, and gifts and the summary for August are presented for Board acceptance.
October 3, 1980 meeting, Board of Trustees

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

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

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of August 1980, be approved.

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

SUMMARY FOR AUGUST 1980

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Business and Administration</td>
<td>1</td>
<td>$153,850.00</td>
</tr>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>95</td>
<td>5,441,358.00</td>
</tr>
<tr>
<td>Engineering Experiment Station</td>
<td>59</td>
<td>344,315.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$5,939,523.00</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td>3,384</td>
<td>$1,330,741.37</td>
</tr>
</tbody>
</table>

Establishment of Named Funds

The T. Kline Hamilton Award
(Department of Human Nutrition and Food Management) $20,000.00

The Loren F. Steiner Entomology Memorial Fund
(Department of Entomology) $8,830.00
Establishment of Named Funds

The Richard B. Reese Memorial Scholarship Fund
(Accounting majors participating in intercollegiate athletics) $ 5,000.00

Report from Presidents Club

Members to date 4,412
1980: year to date 1,026
New members - August 1980 9

New Presidents Club Members - August 1980

Willis F. Abbott Robert C. Paxton II
Larry L. Cole Elizabeth M. Randall
Michael J. Gorman Herbert Solomon
Lee A. Hebert George E. Weasel III
Patricia L. Marie

Presidents Club Member Disenrolled - August 1980

Timothy L. Hooper
October 3, 1980 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contract/Grant

$153,850.00 - State of Ohio, Department of Education, Columbus, Ohio, Adult Basic Education Staff Development, Academic Faculty of Vocational-Technical Education, August 1, 1980 through July 31, 1981.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$737,981.00 - Department of Health and Human Services, Public Health Service, Maternal and Child Health, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1980 through 30 June 1981. (Project 761169 - Continuation)

$494,045.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt and J. S. King), 1 September 1980 through 31 August 1981. (Project 763358 - Continuation)

$295,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant Programs, Rockville, Maryland, The Ohio Sea Grant Program, 1980-1981, College of Biological Sciences, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1980 through 31 August 1981. (Project 762364 - Continuation)

$218,791.00 - Department of Energy, Argonne, Illinois, Electrical Transport and Optical Properties of Random Small Particle Composites, Department of Physics (D. B. Tanner and J. C. Garland), 1 July 1980 through 30 June 1982. (Project 761098 - Continuation)

$185,537.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media With Effusion, Department of Otolaryngology (D. J. Lim), 1 September 1980 through 31 August 1981. (Project 760043 - Continuation)


$124,924.00 - Department of Education, Bureau for Education of the Handicapped, Washington, D. C., Demonstration of Transitional Services for Severely and Profoundly Retarded School Age Children Across a Variety of Ecological Settings, Nisonger Center for Mental Retardation (V. Cotter), 1 September 1980 through 31 August 1981. (Project 761390 - Continuation)
October 3, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$112,478.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Organelle Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1980 through 31 July 1981. (Project 760122 - Continuation)

$109,977.00 - 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), 1 August 1980 through 31 July 1981. (Project 760039 - Continuation)

$75,962.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Interdisciplinary Research Project on Sliding Wear, Department of Metallurgical Engineering (D. A. Rigney), 1 September 1980 through 31 August 1981. (Project 762339 - Continuation)

$74,619.00 - Environmental Protection Agency, Cincinnati, Ohio, Improved Assumptions About Liquid Flow Through Wastes, Department of Civil Engineering (C. A. Moore), 1 October 1980 through 27 March 1981. (Project 762234 - Continuation)

$73,804.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pain Mechanisms After Spinal Cord Lesions, Department of Anatomy (J. C. Bresnahan), 1 September 1980 through 31 August 1981. (Project 761283 - Continuation)

$72,039.00 - Department of the Air Force, Air Force Office of Scientific Research, Holling Air Force Base, D. C., Electrocatalysis of Oxygen Using Water Soluble Metal Porphyrins and Chemically Modified Porphyrin Electrodes, Department of Chemistry (T. Kuwana), 1 October 1980 through 30 September 1981. (Project 761254 - Continuation)

$69,932.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Work Behavior of Retirement Age Males, Department of Economics (D. O. Parsons), 1 September 1980 through 31 August 1981. (Project 761913 - Continuation)

October 3, 1980 meeting, Board of Trustees

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

Federal Research Contracts/Grants (contd)

$65,000.00 - Department of the Navy, Naval Training Equipment Center, Orlando, Florida, Computer Animation of a Realistic Terrain Model, Department of Art Education (C. H. Csuri), 15 September 1980 through 15 October 1981. (Project 761954 - Continuation)

$63,000.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1980 through 31 July 1981. (Project 761152 - Continuation)

$60,729.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, C-Reactive Protein Regulation of Tumor Immunity, Department of Microbiology (R. F. Mortensen), 1 August 1980 through 31 March 1981. (Project 762354 - New)

$55,039.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Surface Differentiation of Developing Hemic Cells, Department of Anatomy (C. A. Ackerman), 1 September 1980 through 31 August 1981. (Project 761280 - Continuation)

$53,954.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Automated Blast Hole Logging and Design, Engineering Experiment Station, Water Resources Center (C. J. Konya), 1 October 1980 through 30 September 1981. (Project 762365 - Continuation)


$52,395.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Chromatin in Spermatogenesis and Fertilization, Department of Veterinary Pathobiology (K. Marushige), 1 September 1980 through 31 August 1981. (Project 761910 - Continuation)

$50,507.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Characterization of Ohio Limestones to Determine Potential Use in Control of Coal Emissions, Engineering Experiment Station, Water Resources Center (C. J. Konya), 30 September 1980 through 29 September 1981. (Project 762366 - Continuation)
Federal Research Contracts/Grants (contd)


$48,211.00 - National Science Foundation, Washington, D. C., A Multistage Molecular Model for Neoplastic Transformation in Rats, Department of Microbiology (P. C. Kimball), 1 September 1980 through 31 August 1981. (Project 761782 - Continuation)

$45,372.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Biotransformation of Cannabinoids by Microorganisms, College of Pharmacy (L. W. Robertson), 1 August 1980 through 31 July 1981. (Project 760386 - Continuation)

$44,114.00 - National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Alpha:Adrenergic and Dopaminergic Stereochanical Studies, College of Pharmacy (D. D. Miller), 1 September 1980 through 31 August 1981. (Project 761349 - Continuation)

$44,000.00 - National Science Foundation, Washington, D. C., Modelling, Control, and Simulation of Human Locomotion, Department of Electrical Engineering (H. Hemami), 1 July 1980 through 30 June 1981. (Project 761570 - Continuation)

$41,237.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Clinical Implications of Vergence-Anomaly, College of Optometry (R. Jones), 1 August 1980 through 31 July 1981. (Project 761249 - Continuation)

$40,000.00 - National Science Foundation, Washington, D. C., Characterization of Tegumentary Membrane-Bound Enzymes of Gastrointestinal Parasites, Department of Zoology (P. W. Pappas), 1 November 1980 through 31 October 1981. (Project 762358 - New)
October 3, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$38,857.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Isolation and Genetic Analysis of Sporulation Genes, Department of Microbiology (D. H. Dean), 1 August 1980 through 31 July 1981. (Project 761218 - Continuation)

$36,003.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion: Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1980 through 31 August 1981. (Project 761373 - Continuation)

$34,567.00 - National Science Foundation, Washington, D. C., Cenozoic Biostratigraphy of Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb), 15 July 1980 through 31 July 1981. (Project 762326 - New)

$33,500.00 - National Science Foundation, Washington, D. C., Investigation of Oxygen and Alkali Diffusion in Feldspar, Department of Geology and Mineralogy (K. A. Foland), 1 August 1980 through 31 July 1981. (Project 762357 - New)

$33,297.00 - National Science Foundation, Washington, D. C., Collaborative Research on a Monographic Study of the Genus Coreopsis (Compositae), Department of Botany (D. J. Crawford), 15 August 1980 through 31 August 1981. (Project 762328 - Continuation)

$33,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 20 August 1980 through 17 September 1980. (Project 762359 - New)

$30,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, EO Device Signature Reduction, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon and R. Nordstrom), 1 August 1980 through 30 September 1980. (Project 762341 - New)
October 3, 1980 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 - National Endowment for the Arts, Washington, D. C., The Plow and the River: Documentation of America in Cinema, Department of Photography and Cinema (R. Wagner), 1 July 1980 through 30 June 1981. (Project 762269 - New)

$27,507.00 - National Science Foundation, Washington, D. C., A Study of the Use of Time-Series Designs for Assessing the Development of Science Concepts in Adolescents, Academic Faculty of Science and Mathematics Education (V. J. Mayer), 1 September 1980 through 31 August 1981. (Project 762375 - New)

$25,691.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Properties of Skeletal Muscle in Alloxan Diabetes, Department of Physiology (J. A. Grossie), 1 September 1980 through 31 August 1981. (Project 761345 - Continuation)

$25,001.00 - National Science Foundation, Washington, D. C., Test of Conflicting Hypotheses on the Cenozoic Glaciation of the Transantarctic Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 August 1980 through 31 July 1981. (Project 762369 - New)

$25,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Analysis Service, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 July 1980 through 30 June 1981. (Project 760454 - Continuation)

$25,000.00 - National Science Foundation, Washington, D. C., Late Cretaceous and Early Tertiary Biogeography of the Southern Circum-Pacific, Institute of Polar Studies (D. H. Elliot and W. J. Zinsmeister), 1 August 1980 through 31 July 1981. (Project 762348 - Continuation)

$24,762.00 - National Science Foundation, Washington, D. C., Engineering Specialized Research Equipment: Data Acquisition System for Geotechnical Experiments Utilizing a Shake Table, Department of Civil Engineering (W. E. Wolfe), 1 August 1980 through 31 July 1981. (Project 762327 - New)

$22,000.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. Walter, R. Marhefka, and R. C. Rudduck), 1 August 1980 through 30 September 1980. (Project 761784 - Continuation)
October 3, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$18,585.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Purchase of NMR Spectrometer for Core User Group, Department of Chemistry (D. Horton, P. Frey, and L. Berliner), 1 September 1980 through 31 August 1981. (Project 761911 - Continuation)

$18,500.00 - National Science Foundation, Washington, D. C., An Analysis of Microstructure and Toughness of Ceramics, Department of Metallurgical Engineering (R. G. Hoagland), 1 August 1980 through 31 December 1980. (Project 762334 - New)


$13,281.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Intrarenal Pressure and Renal Function, Department of Medicine (L. A. Hebert), 1 July 1980 through 31 March 1981. (Project 761786 - Continuation)

$10,908.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler, J. A. Grassie, and J. A. Rall), 1 September 1980 through 31 August 1981. (Project 760924 - Continuation)


$10,356.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, T-matrix Formulation to Study the Frequency Dependent Properties of Absorbing Materials, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 August 1980 through 30 April 1981. (Project 762329 - New)

$10,000.00 - Department of the Army, Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Soil Investigations Along Haul Road and at Prudhoe Bay, Alaska, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 July 1980 through 31 January 1981. (Project 762345 - New)
October 3, 1980 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 Science Foundation, Washington, D. C., Acute Effects of Inhalation of Volcano Dust in the Canine Model, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 August 1980 through 31 July 1981. (Project 762372 - New)

$3,789.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Anthropology, Department of Anthropology (F. E. Poirier and W. A. Lawrence), 1 September 1980 through 31 December 1982. (Project 762336 - New)

$1,775.00 - Department of the Army, Corps of Engineers, Buffalo District, Buffalo, New York, A Shoreline Inventory of the Lake Erie Shoreline and Selected Reaches of Navigable Rivers in the State of Ohio, Department of Civil Engineering (K. Bedford) and College of Biological Sciences, Center for Lake Erie Area Research (C. Herdendorf), 1 September 1980 through 1 December 1980. (Project 761113 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $4,263,436.00

State of Ohio Research Contracts/Grants

$65,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Ohio Education Deans' Task Force Project, Academic Faculty of Exceptional Children (T. Stephens), 1 June 1980 through 31 May 1981. (Project 762261 - New)

$39,409.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Rural Crime Prevention Center, Department of Agricultural Economics and Rural Sociology (G. H. Phillips), 1 August 1980 through 31 July 1981. (Project 762351 - Continuation)

$34,289.00 - Ohio Youth Commission, Columbus, Ohio, Ohio Youth Commission Visual Response System Project, Academic Faculty of Exceptional Children (W. L. Heward), 1 July 1980 through 30 June 1981. (Project 762349 - Continuation)

$24,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Coordinate Career Education Materials Development Activities, Academic Faculty of Special Services (J. J. Quaranta), 1 June 1980 through 30 September 1980. (Project 762337 - New)

$17,300.00 - State of Ohio, Department of Education, Columbus, Ohio, Heads of Teacher Education Program, Academic Faculty of Exceptional Children (T. M. Stephens), 1 June 1980 through 31 May 1981. (Project 762343 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

$10,000.00 - Ohio Arts Council, Columbus, Ohio, Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1980 through 30 June 1980. (Project 762311 - New)

$9,694.00 - Ohio Board of Regents, Columbus, Ohio, A Multi-Disciplinary Approach to Podiatric Curricular Development Related to Aspects of Aging, College of Medicine - Administration and Department of Pathology (L. Liss), 1 July 1980 through 30 June 1982. (Project 762333 - New)

$9,694.00 - Ohio Board of Regents, Columbus, Ohio, Interdisciplinary Aspects of Geriatric Oral Health Care, College of Medicine - Administration and Department of Pathology (L. Liss), 1 July 1980 through 30 June 1982. (Project 762331 - New)

$9,646.00 - Ohio Board of Regents, Columbus, Ohio, Developmental Determination of Mechanisms for Longevity Assurance, Department of Radiology (R. Stephens) and Department of Zoology (W. Myser), 1 July 1980 through 30 June 1982. (Project 762332 - New)

$1,134.00 - State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, Developing Guidelines for Multifactored Team Evaluations, Academic Faculty of Exceptional Children (M. L. Kabler), 1 June 1980 through 30 September 1980. (Project 762208 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 220,166.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$251,983.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry - Administration (W. A. Zacherl), 1 July 1980 through 30 June 1981. (Project 762065 - Continuation)

$97,218.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Administration (C. W. Conroy), 1 July 1980 through 30 June 1981. (Project 760029 - Continuation)

October 3, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$66,932.00 - Associated Builders and Contractors, Inc., Washington, D. C., Associated Builders and Contractors Instructional Materials Development Project, Academic Faculty of Industrial Technology (D. G. Lux), 1 September 1980 through 31 August 1981. (Project 761847 - Continuation)


$61,475.00 - Cuyahoga Community College, Cleveland, Ohio, and Cleveland Public Schools, Cleveland, Ohio, A Study to Improve the Articulation of Adult/Occupational/Vocational Education Between the Cleveland Public Schools and Cuyahoga Community College, National Center for Research in Vocational Education (R. E. Taylor), 18 August 1980 through 10 April 1981. (Project 762322 - New)

$52,414.00 - University of Wisconsin - Milwaukee, Milwaukee, Wisconsin, Distributed Data Base Design, Academic Faculty of Accounting (P. De), 1 August 1980 through 1 December 1981. (Project 762374 - New)


$30,000.00 - Petroleum Research Fund, American Chemical Society, Washington, D. C., Coherent Motions in Turbulent Shear Flows: Significance for Mass Transfer and Drag Reduction, Department of Chemical Engineering (R. S. Brodkey), 1 September 1980 through 31 August 1982. (Project 762355 - New)

$23,430.00 - American Heart Association, Inc., Dallas, Texas, Biochemical and Structural Analysis of Cardiac Z-Line, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1980 through 30 June 1981. (Project 762325 - New)

$15,659.00 - Morris Animal Foundation, Englewood, Colorado, Cardiac Arrhythmias Associated With Gastric Dilatation-Volvulus in the Dogs: Etiology, Significance, and Therapy, Department of Veterinary Clinical Sciences (J. D. Bonagura), 1 August 1980 through 1 August 1981. (Project 762362 - New)
$13,004.00 - San Diego State University Foundation, San Diego, California, Research on Dynamics of Tundra Ecosystems and Their Potential Response to Energy Resource Development, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 May 1980 through 30 April 1981. (Project 762338 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Mitral Valve Prolarge Arrhythmias: Effects of Exercise, Department of Medicine (S. F. Schaal and L. Alexander) and School of Health, Physical Education and Recreation (E. Fox), 1 July 1980 through 30 June 1981. (Project 762335 - New)

$11,421.00 - The Columbus Foundation, Columbus, Ohio, Alfred L. Willson Conference on Problem Prevention in Early Youth, Academic Faculty of Educational Administration (L. Cunningham), 1 August 1980 through 31 July 1981. (Project 762371 - New)

$10,000.00 - Board of Education of the City of New York, Brooklyn, New York, Development of the Program, "Changing Roles of Men and Women," National Center for Research in Vocational Education (R. E. Taylor), 1 April 1980 through 31 October 1980. (Project 762353 - New)

$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), 1 August 1980 through 1 August 1981. (Project 762323 - New)

$9,680.00 - Morris Animal Foundation, Englewood, Colorado, Culture and Characterization of Bone Marrow Cells from Normal Cats and Cats With Aplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 August 1980 through 1 August 1981. (Project 761825 - Continuation)

$8,100.00 - Ohio Wesleyan University, Delaware, Ohio, Assistance With Administration, Counseling, Programming and Training Services, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 7 August 1980 through 6 June 1981. (Project 762344 - New)

$5,000.00 - WBNS-TV, Inc., Columbus, Ohio, Pilot Research Computer-Generated Animation, Department of Art Education (C. A. Csuri), 8 August 1980 through 1 September 1980. (Project 762356 - New)

$3,931.00 - University of Wyoming, Laramie, Wyoming, A Diagenetic Model for the Monterey Formation, Pismo Syncline, California, Department of Geology and Mineralogy (K. O. Stanley), 1 July 1980 through 30 September 1980. (Project 762376 - New)
October 3, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,620.00</td>
<td>University of Cincinnati, College of Medicine, Cincinnati, Ohio, Planning, Development and Operation of an Area Health Education Center Program (AHEC), College of Medicine - Administration (M. Tzagournis and G. L. Trzebiatowski), 25 July 1980 through 29 September 1980. (Project 761923 - Continuation)</td>
</tr>
<tr>
<td>$1,000.00</td>
<td>North Dakota State School of Science, Wahpeton, North Dakota, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)</td>
</tr>
<tr>
<td>$600.00</td>
<td>Pfizer Pharmaceuticals, Pfizer, Inc., New York, New York, MinizideR in the Treatment of Essential Hypertension, Department of Medicine (M. Tzagournis and T. G. Skillman), 1 September 1980 through 31 August 1981. (Project 761933 - Continuation)</td>
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<td>$600.00</td>
<td>Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1980 through 31 December 1980. (Project 760643 - Continuation)</td>
</tr>
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</table>

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 957,756.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

<table>
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<tr>
<th>Amount</th>
<th>Description</th>
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<tr>
<td>$50,694.00</td>
<td>State of Ohio, Department of Transportation, Columbus, Ohio, Guidelines for Left-Turn Treatments at Fully-Actuated Signal Controlled Intersections, Department of Civil Engineering, Transplex, August 1, 1980 through February 1, 1982. (EES 611/529091)</td>
</tr>
</tbody>
</table>
October 3, 1980 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development

$90,000.00 - $30,000.00 from each: Caterpillar Tractor Company, Peoria, Illinois; The Bishopric Products Company, Cincinnati, Ohio; and BATX Gard, Incorporated, Chicago, Illinois, The Center for Welding Research, Department of Welding Engineering, July 1, 1980 through June 30, 1981. (EES 610/529090)

$62,295.00 - The Ohio State University Office of Physical Facilities, Columbus, Ohio, Study of Energy Conservation for University Buildings, Department of Mechanical Engineering, July 1, 1980 through June 30, 1981. (EES 468/529008, Extension 9)

$14,104.00 - TAPCO International, Houston, Texas, Weldability of Special Steels by Submerged Arc Welding, Department of Welding Engineering, July 22, 1980 through July 21, 1981. (EES 612/529612)

$12,000.00 - AISI, Washington, D. C., Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1980 through April 30, 1981. (EES 309/529001, Extension 14)

$115,222.00 - various industries sponsoring for 54 development projects under the direction of 10 engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $293,621.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$40,000.00 - Kaiser Aluminum and Chemical Corporation, Newark, Ohio--$36,000.00 for Kaiser Aluminum Scholarship Program and $4,000.00 for Affirmative Action Program in Engineering Fund.

$36,763.00 - Burroughs Wellcome Co., Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

$30,559.81 - Estate of Kimberly Lynn Garland, Zanesville, Ohio, for Presidents Club Special Fund.

$16,433.00 - Pfizer, Inc., Groton, Connecticut--$11,433.00 for Clinical Pharmacology Fund and $5,000.00 for Infectious Disease Research Fund.

$12,510.00 - Brubaker/Brandt, Inc., Columbus, Ohio, for Department of Architecture Fund.
October 3, 1980 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)

$12,000.00 - Anderson Clayton Foods, Richardson, Texas, for The Anderson Clayton Graduate Fund for Casein Research.

$10,422.28 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$10,000.00 - The Worthington Steel Company, Worthington, Ohio, for Department of Athletics Discretionary Fund.

$8,405.00 - J. Richard Emens, Columbus, Ohio—$4,373.13 (part of 500 shares Wendy's International stock) (given in the names of J. Richard Emens and Mary Francis Emens) for Student Athlete Grant-in-Aid Fund; $1,674.69 (part of 500 shares Wendy's International stock) (given in the name of Mary Francis Emens) for Dean's Education and Research Fund in Veterinary Medicine; $1,674.68 (part of 500 shares Wendy's International stock) for Enrichment Campaign; $341.25 (part of 500 shares Wendy's International stock) for College of Law Advancement Fund; $170.63 (part of 500 shares Wendy's International stock) for College of Administrative Science Fund; and $170.62 (part of 500 shares Wendy's International stock) for Friends of the Libraries.

$8,000.00 - The Upjohn Company, Kalamazoo, Michigan, for Antibiotic Research Rotary.

$7,650.00 - Phi Beta Psi Sorority, Cerritos, California, for Cancer Research Fund.

$7,016.89 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$7,000.00 - Kibble Foundation, Gahanna, Ohio, for The Kibble Foundation Scholarship Fund.

$6,688.00 - Dade Diagnostics, Inc., Aguada, Puerto Rico, for Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

$6,600.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$6,000.00 - AccuRay Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$6,000.00 - Anonymous Donor, for Humanities Support Fund.

$6,000.00 - Kubota Ltd., Japan, for Kubota Ltd. Research Fund.
October 3, 1980 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)


$5,500.00 - The Procter & Gamble Company, Cincinnati, Ohio, for Procter and Gamble Company Fellowship in Chemistry.

$5,000.00 - Mrs. Elizabeth Randall, Knoxville, Tennessee, for William J. McCaughey Fellowship in Mineralogy Fund.

$5,000.00 - O. M. Scott and Sons Company, Marysville, Ohio, for 4-H Camp Clifton Improvement Fund.

$5,000.00 - Trust Under the Will of Marjorie Sells Carter, Stamford, Connecticut, for Arthur H. Carter Scholarship Fund.

Gifts-in-Kind

$180,000.00 - Tem-Cole, Inc., McClure, Ohio (given in the name of Larry L. Cole), Tissue Culture Laboratory.

$21,808.00 - The Hobart Corporation, Troy, Ohio, kitchen equipment.

$7,300.00 - Technicare Corporation, Cleveland, Ohio, 800 digital tape drive.

$6,957.00 - Allis-Chalmers Implement Division, LaPorte, Indiana, Allis-Chalmers Planter.

Establishment of Named Funds

The T. Kline Hamilton Award

The T. Kline Hamilton Award was established October 3, 1980, by the Board of Trustees of The Ohio State University with a gift from the Columbus Division - Dairy and Nutrition Council (formerly Columbus Milk Council).

All gifts are to be invested in the University’s Permanent Endowment Fund, 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 will be used to support graduate research related to the nutritional aspects of dairy products in the Department of Human Nutrition and Food Management. The award will be made by the director of the School of Home Economics based on the recommendations of The T. Kline Hamilton Award 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 purpose whatsoever as determined by the Board of Trustees, with the preference being given to the appropriate administrative official of the University who is then directly responsible for the School of Home Economics.
October 3, 1980 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 Loren F. Steiner Entomology Memorial Fund

The Loren F. Steiner Entomology Memorial Fund was established October 3, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family, friends and associates of Loren F. Steiner, B.S. Agr. '26, M.S. '27, and Honorary Doctor of Science Degree 1967.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 students or fellowships to the graduate students who have demonstrated academic ability, need for financial assistance, and an interest in economic entomology. The selection of the recipient is to be made upon the recommendation of the Chairman, Department of Entomology, in cooperation with the Dean of the College of Biological Sciences.

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 entomology education.

The Richard B. Reese Memorial Scholarship Fund

The Richard B. Reese Memorial Scholarship Fund was established October 3, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ellen M. and Alexander M. Nick to honor the memory of their friend, Richard Baker Reese, B.S. '45, of Richwood, 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 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 who are majoring in accounting and have demonstrated a need for financial assistance. Preference is to be given to students participating in the intercollegiate athletic program. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee in cooperation with the Dean of the College of Administrative Science.

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 accounting education.

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October 3, 1980 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER

HEALTH SCIENCES CENTER - ROAD CONSTRUCTION (Preliminary Study)

Resolution No. 81-37

Synopsis: Employment of engineer to conduct a study for the project, Health Sciences Center - Road Construction (Preliminary Study), is being proposed.

WHEREAS the Health Sciences Center component of the Comprehensive Master Plan recommends that the principal entrance to the Health Sciences Center be developed from the west in order to relate access for the Center to the regional freeway system to reduce traffic congestion and also recommends several revisions to the interior traffic pattern of the Health Sciences Center in order to reduce congestion, simplify traffic flow, discourage short-cut traffic, increase pedestrian area and establish the principal circulation loop and other desired traffic patterns; and

WHEREAS it is proposed that a preliminary study be completed to contain various alternates in graphic form indicating the most effective solution and efficient cost estimate to accomplish this road construction:

NOW THEREFORE

BE IT RESOLVED, That the firm of Eriksson Engineering, Ltd., of Columbus, Ohio, be employed to do this preliminary study and provide a report containing a plan for the most cost-effective construction plan and cost estimate to accomplish this improved access to the Health Sciences Center; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total cost estimate for this preliminary engineering study to be $55,900.

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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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 81-38

Synopsis: Contracts have been awarded for the projects enumerated 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 Administration 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 3, 1980 meeting, Board of Trustees

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

VETERINARY HOSPITAL, RENOVATION OF
WASTE MATERIAL HANDLING SYSTEM

Description: Remodel and modify waste material handling in the veterinary hospital facility. These improvements will reduce maintenance costs, improve occupant environment and safety.

General Contract

Date Received: July 30, 1980
No. of Bids: 6
Low Bid: $ 45,000.00* **
High Bid: $ 81,800.00
Estimate of Cost: $ 29,900.00
Awarded to: RossLin Construction Co., Columbus, Ohio

Equipment Contract

Date Received: July 30, 1980
No. of Bids: 4
Low Bid: $ 7,077.20
High Bid: $ 15,523.00** ***
Estimate of Cost: $ 12,200.00
Awarded to: Union Landmark, Inc., Marysville, Ohio

*The General Contract is recommended for award to the second lowest bidder. The day following the bid opening, the low bidder inquired if a decision had been made on awarding the project since he had left out the pre-cast work from his bid and could not accept a contract. He was advised that total bids exceeded the budget and could not be awarded without additional funds. It is the opinion that it would be in the best interest of The Ohio State University to award the General Contract to the second lowest bidder.

**General and Equipment bids were in excess of the filed estimate of cost. However, the total price of all contracts is within 10 per cent of the total estimate of cost, and the contract, therefore, is being recommended for award as provided by section 153.12 of the Ohio Revised Code.

***The Equipment Contract is recommended for award to the highest bidder. The bids submitted by the other bidders were rejected for failure of the contractors to submit a Bond in compliance with section 153.08 of the Ohio Revised Code.
October 3, 1980 meeting, Board of Trustees

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

VETERINARY HOSPITAL, RENOVATION OF
WASTE MATERIAL HANDLING SYSTEM (contd)

Plumbing Contract

Date Received: July 30, 1980
No. of Bids: 2
Low Bid: $ 62,900.00****
High Bid: $ 64,500.00****
Estimate of Cost: $ 70,732.00****
Awarded to: Farber Corporation, Columbus, Ohio

Electrical Contract

Date Received: July 30, 1980
No. of Bids: 5
Low Bid: $ 17,300.00
High Bid: $ 29,843.00
Estimate of Cost: $ 24,500.00
Awarded to: Demos Electric Company, Columbus, Ohio

Total All Contracts: $140,723.00

Total Contingency Allowance: $ 11,267.86 which is 8 per cent of construction contracts

Total Project Cost: $169,003.00

Funding: Budget Account 882902

****Recommended alternates reflected in these figures.

HEALTH SCIENCES LIBRARY, ROOF REPAIRS

Description: Install new roof due to deterioration and add insulation required to meet energy conservation measures.
October 3, 1980 meeting, Board of Trustees

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

HEALTH SCIENCES LIBRARY, ROOF REPAIRS (contd)

General Contract

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<th>Date Received:</th>
<th>August 27, 1980</th>
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<tr>
<td>No. of Bids:</td>
<td>4</td>
</tr>
<tr>
<td>Low Bid:</td>
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<td>Estimate of Cost:</td>
<td>$ 67,000.00</td>
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<td>Awarded to:</td>
<td>Bright, Inc., Columbus, Ohio</td>
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<tr>
<td>Total Contract:</td>
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<td>Total Contingency Allowance:</td>
<td>$ 4,572.80 which is 7.3 per cent of construction costs</td>
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<td>Total Project Cost:</td>
<td>$ 69,000.00</td>
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<td>Funding:</td>
<td>Budget Account 210134 (Contract Repair)</td>
</tr>
</tbody>
</table>

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 reported.

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

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COMMENTS ON JESSE OWENS MEMORIAL PLAZA

President Enarson’s Statement:

Mr. Chairman and Members of the Board, I now come to what clearly is the highlight of this meeting, and I trust is one of the highlight occasions any time in the history of this Board. It's a big weekend for all of us, and we have planned, to the best of our ability, to have a quality ceremony tomorrow at the game. We are pleased to have Mrs. Owens and her family with us and to have many of you with us for an event this evening, including the Governor. As all of us are aware, this is the Jesse Owens weekend, and I would like to take a moment to describe our plans as we move closer to paying tribute to one of the truly great athletes of any era.
President Enarson's Statement: (contd)

I think it's fair to say that Jesse Owens was an unusual person in many ways. His unique athletic abilities as a track and field star brought great recognition to this University and to the United States, but I think the important point is that his athletic accomplishments were not an end but rather a beginning—they provided the momentum—because he provided a sense of concern for people, and together it was a combination that was to carry him far beyond the athletic realm into the broader area of humanitarian service. Now it was for this service as well as his athletic achievements that Ohio State conferred upon him the honorary doctoral degree in 1972.

You will recall that in April, upon my recommendation, this Board approved naming the track in Ohio Stadium and the three University recreation centers in honor of Jesse Owens. At half-time at tomorrow's football game, we will dedicate these facilities to him. As I noted a moment ago, Mrs. Owens and the three Owens daughters and their families will be with us tomorrow, and they will be guests of honor tonight. They will be our honored guests at a pre-game luncheon, and they will join me on the field at half-time to take part in a very brief ceremony of dedication. That ceremony will be part of a spectacular band show that will be devoted entirely to Jesse Owens' life and accomplishments, and I really hope that ABC-TV will pick up the show for its audience because it will be something special. In addition, we have prepared a commemorative football program which features a cover portrait of Owens drawn by another famous OSU alumnus, Milt Caniff, and a special section will be devoted to pictures and material about Jesse Owens' life.

Obviously, this University is very proud of Jesse Owens and his accomplishments. He is held in great affection by this University and by people around the world, and we want our students and the thousands of visitors who will come here each year to know what he did and what he stood for, and that's why we're holding these ceremonies tomorrow. As each of you are aware, we have been at work now for some months developing a proposal for the Board's consideration for a Jesse Owens Plaza, and I would like now, if I may, Mr. Chairman and Members of the Board, to turn to Dr. Vandament to review this with you.

Dr. Vandament's Statement:

Thank you very much. A great many people have worked hard to develop the concept of the piazza, and I might add that it has been truly a labor of love. I would like to recognize, particularly, Mr. Roger Beal from the Office of Business and Administration and also Dr. Griffith from the Office of Campus Planning and Jean Hansford from Campus Planning for their work and development.

As you see, what we are proposing is a piazza that will extend from Stadium Drive southward to the north end of the stadium into the rotunda, ending in that rotunda area. You may recall that the stadium presently on the north side has an embankment that extends down about 150 to 200 feet, I believe, from the
October 3, 1980 meeting, Board of Trustees

COMMENTS ON JESSE OWENS MEMORIAL PLAZA (contd)

Dr. Vandament’s Statement: (contd)

The proposed plaza will run approximately 450 feet or so up to the rotunda which will serve, then, as the backdrop for the plaza. The plaza itself, then, will be about 150 feet wide with a walkway area of approximately 45 to 50 feet. It will be necessary, therefore, to do grading and to level out the area from Stadium Drive into the rotunda and then to landscape the sides with the intent of keeping the plantings on either side of the walkway in human scale. We have in developing the plaza had consultations with representatives of the Owens family to discuss the matter of the theme and the scale of the plaza, and it has been their wish to keep things in human perspective so that it will be inviting for people to spend some time in contemplation. The rotunda itself, of course, will also need renovation and part of the project that we are proposing will consist of the cleaning and color restoration in the rotunda.

After the plaza itself is completed, there will be commemorative works of art in the plaza itself. At this point, we cannot state specifically the form or shape of those works of art, but we have again discussed themes with the family and have been seeking consultation from people in the arts and in design to come up with the most appropriate works. The plaza itself would be designed by our own architect’s office and would be finished, we hope, by the autumn of next year if we move ahead now.

The commemorative works of art would be funded, hopefully, by a joint fund-raising effort on the part of the Jesse Owens Foundation and the University Development Fund, and we have had preliminary discussions with representatives of the Owens Foundation to establish plans for that activity. The works of art, therefore, would be added at some later date. I’ll add now that we have both this artist’s rendering of the plaza and we have also a three-dimensional model of the plaza which will be on display in the University in the coming months. Thank you.

President Enarson:

We do have a recommendation in your books. It is under the tab, Reports. I think I might read it since it is very brief:

JESSE OWENS MEMORIAL PLAZA

Resolution No. 81-39

Synopsis: Acceptance of the Administration’s proposal for Jesse Owens Memorial Plaza.

WHEREAS the Board of Trustees on April 4, 1980, adopted a resolution recommending that certain facilities be named in memory of Jesse Owens; and

WHEREAS the University wishes further to perpetuate the ideals and accomplishments of Jesse Owens:
October 3, 1980 meeting, Board of Trustees

JESSE OWENS MEMORIAL PLAZA (contd)

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees endorses the preparation of plans for the construction of a memorial plaza to honor the achievements of Jesse Owens, an alumnus of The Ohio State University as presented by the President and his staff; and

BE IT FURTHER RESOLVED, That the architectural mock-up be accepted as presented and further actions relating to the design and construction of this memorial plaza be reported at future meetings.

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

PLANS FOR JESSE OWENS MEMORIAL RECOGNITION

At the April meeting, the Board of Trustees approved President Enarson’s recommendations that a track in Ohio Stadium and the three University Recreation Centers be named in honor of the late Jesse Owens.

Mr. Owens’ achievements as an Ohio State and Olympic track and field star and his humanitarian services and work with youth brought him world recognition. In 1972, Ohio State conferred upon him the honorary Doctor of Athletic Arts degree. He was one of this University’s most illustrious sons.

To honor the Owens family and to dedicate those facilities named for Jesse Owens, the following activities have been planned for October 3 and 4:

On Friday, October 3, Mrs. Jesse Owens, the Owens’ three daughters and their families will be guests of honor at a dinner in the Fawcett Center. This private occasion—a kind of “family reunion” for the Ohio State and Owens families—will pay tribute to Jesse Owens and his family.

Saturday morning, October 4, a painting of Jesse Owens will be presented to the University by the Miller Brewing Company. President Enarson will receive the painting, with Mrs. Owens attending the presentation.

The Owens family will attend the pre-game luncheon. On display will be an exhibit of photographs of Jesse Owens. The family will be guests of President and Mrs. Enarson for the OSU-UCLA football game.

A special commemorative football program has been prepared, with a cover portrait of Jesse Owens by Milton Caniff. The entire halftime show by the Marching Band will pay tribute to Jesse Owens.

During brief ceremonies at halftime, President Enarson, with the participation of Mrs. Owens and the family, will dedicate formally the Jesse Owens Track and the Jesse Owens Recreation Centers. Appropriate commemorative plaques and signs have been prepared.
October 3, 1980 meeting, Board of Trustees

PLANS FOR JESSE OWENS MEMORIAL RECOGNITION (contd)

Ongoing Activities

Plans have been prepared for the development of a proposed Jesse Owens Plaza at the north end of the Stadium. The Plaza would extend from the rotunda of the Stadium to Stadium Drive. Its development would involve landscaping and some re-working of the area. A model and an architect's rendering have been prepared to help visualize the project.

The focal point of the Plaza would be a statue or other work of art that would commemorate Jesse Owens and his achievements as an athlete and humanitarian. It is expected that it may be necessary to seek private funds for the statue or work of art.

Interestingly, the original design of Ohio Stadium calls for a Plaza in the area now proposed. Such a Plaza, in honor of Jesse Owens, will enhance the beauty of the area. It will become a focal point of interest for the hundreds of thousands of persons who visit that part of the campus each year for commencements, athletics, and other events. Most significantly, it will serve as a source of inspiration for future generations of students.

The University has also expressed its interest to the Owens family in serving as the repository for Jesse Owens' papers and his athletic and other memorabilia. Such materials could form the core of a "Jesse Owens Collection" that would be a valuable resource to students and scholars and for display purposes.

Finally, representatives of the Owens family have had preliminary conversations with University officials about possible future projects in which the University might participate, some of which might involve fund-raising.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 81-40

RESOLVED, That the report on the University's Investment Portfolio, dated September 19, 1980, 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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The meeting recessed into Executive Session for the purpose of considering legal issues.

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The Board reconvened in regular session and thereupon adjourned to meet Friday, November 7, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
The Board of Trustees met at its regular monthly meeting on Friday, November 7, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
November 7, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 81-41

Synopsis: Resolutions honoring the service of three of this 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. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

George A. Davis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 29, 1980, of George A. Davis, Associate Professor in the Department of Black Studies.

Professor Davis was born in Gadsden, Alabama, on August 30, 1933. He began his professional career at Kentucky State University where he earned the B.A. degree in 1957. He earned M.A. and Ph.D. degrees at The Ohio State University in 1964 and 1972 respectively. From 1960-1967 Dr. Davis served as a social studies teacher in the Columbus Public Schools. In 1967 he accepted an appointment as a visiting lecturer and special projects coordinator at the University of Colorado. He joined the staff of Ball State University in 1968 as assistant professor of geography and director of special programs in the office of student affairs. From 1969-1970 Dr. Davis served as associate director of the Commission on Geography and the Afro-American at the University of Michigan. Dr. Davis joined the staff of the Black Studies Department in 1971 as an administrative associate. In 1972 he was promoted to the rank of assistant professor and appointed to the position of executive assistant for departmental affairs. He achieved the rank of associate professor in 1974.

Specializing in the area of urban geography, Dr. Davis was the author of a number of scholarly works in his field, including Blacks in the United States: A Geographic Perspective; and "Geography, Social Action and the Black Community," published in 1972 in the volume, Teaching About the City. As executive assistant in the Black Studies Department, Dr. Davis was instrumental in the writing of numerous successful proposals to outside funding agencies. He was also one of the chief architects of the department's undergraduate and graduate major programs.

Dr. Davis was a member of Association of American Geographers, Association of Social and Behavioral Scientists, Association for the Study of Afro-American Life and History, National Council for Geographic Education, Kentucky State University Alumni Association, and Omega Psi Phi Fraternity.

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.
November 7, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John A. Miller

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 11, 1980, of Dr. John A. Miller, Professor Emeritus in the Department of Zoology, College of Biological Sciences.

Dr. Miller was born in 1905, and upon the completion of his undergraduate degree at Ashland College in 1926, he obtained his first appointment as a Graduate Assistant at The Ohio State University in October, 1926. He completed his advanced degree work at The Ohio State University, receiving the M.S. degree in 1927 and Ph.D. degree in 1932. He was appointed as Instructor in 1929, Assistant Professor in 1933, Associate Professor in 1942 and Professor in 1946.

Dr. Miller's title might have changed, but he never ceased being a very dedicated and enthusiastic instructor to increasing numbers of students in introductory zoology for nearly 12 years. He responded to these teaching assignments in introductory zoology and behavior in a very cooperative, dependable and enthusiastic manner. Dr. Miller devoted considerable effort to the preparation of study guides and laboratory manuals in order that students could improve their understanding of the underlying principles of zoology.

Research was an integral part of his academic efforts, and he published papers related to neuro-muscular mechanisms in behavior, new methods in neurological microtechniques and contributed papers on the systematics, physiology and behavior of leeches.

Following his retirement from The Ohio State University in 1963, he served in an administrative capacity at several other institutions, most recently as Dean of Academic Affairs at his alma mater, Ashland College.

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 have sustained.

Francis P. Weisenburger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 23, 1980, of Francis P. Weisenburger, Professor Emeritus in the Department of History.

Francis Phelps Weisenburger was born in Defiance, Ohio, on October 31, 1900. After graduating from Defiance High School in 1918, he attended the University of Michigan where he received a B.A. degree in 1922, M.A. degree in 1923, and Ph.D. degree in 1929. He joined the faculty of Ohio State University in 1924 as an instructor and advanced through the ranks of assistant professor, associate professor, to professor of history in 1946. During forty-seven years of service at Ohio State University he taught Ohio history; history of the United States, 1865-1900; and immigrant groups in America and directed numerous doctoral dissertations and masters' theses in American history. After retiring from the classroom in 1971, he was appointed University historian and prepared a history of the University during the presidency of Novice Fawcett.
November 7, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Francis P. Weisenburger (contd)

Dr. Weisenburger wrote seven books, many scholarly articles, and contributed to the *Dictionary of American Biography*, *Dictionary of American History*, and *Atlas of American History*. His best-known works were *The History of Ohio* which he wrote in collaboration with Eugene H. Roseboom, *The Passing of the Frontier*, and *Ordeal of Faith*. He was president of the Ohio Academy of History and a member of the editorial board and executive committee of the Mississippi Valley Historical Association, an honorary life member of the Ohio Historical Society, and recipient of the Distinguished Service Award of the Ohio Academy of History, and the Ohioana Citation of the Martha Kinney Cooper Ohioana Library. The Department of History recognized his geniality and hospitality by naming the faculty lounge in Dulles Hall in his honor. In August 1980 The Ohio State University presented him with a Distinguished Service Award to commemorate more than half a century of dedicated teaching and research at this institution.

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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BUDGET SUMMARY (FOURTH QUARTER, 1979-80)
Resolution No. 81-42

Synopsis: The fourth quarter summary report of the current funds budget is presented for review.

WHEREAS the fourth quarter report of the current funds budget for fiscal year ending June 30, 1980 is presented for review; and

WHEREAS it is noted that the actual budget/expenditures and income do not represent significant changes from those presented for the third quarter; i.e. the income varies from the third quarter estimates by 0.8 per cent and the budget expenditure figures by 0.4 per cent from the third quarter budget due primarily to changes in activity of earnings and sponsored programs; and

WHEREAS for the Columbus campus the variations were also less than one per cent for both income and budgeted expenditures; and

WHEREAS the differences between budget/expenditures and income totals, due primarily to planned restoration of balances, and capital expenditure replacements were less than 0.8 per cent:
November 7, 1980 meeting, Board of Trustees

BUDGET SUMMARY (FOURTH QUARTER, 1979-80) (contd)

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter, including transfers to plant funds and to endowment principal processed for the fiscal year ending June 30, 1980, be accepted.

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

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
ACTUAL EXPENDITURES FOR 1979-80
(IN THOUSANDS)

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<th>Revised Budget</th>
<th>Actual Expenditures/Commitments</th>
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<td>June 12, 1980</td>
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<td>Columbus Campus</td>
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<td><strong>Total Public Service</strong></td>
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<td>$133,898</td>
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November 7, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
ACTUAL EXPENDITURES FOR 1979-80
(IN THOUSANDS) (contd)

<table>
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<th></th>
<th>Revised Budget June 12, 1980</th>
<th>Actual Expenditures/Commitments</th>
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<td>Other</td>
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<td><strong>TOTAL COLUMBUS CAMPUS</strong></td>
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</table>

| Regional Campuses |                             |                                 |
| Administration    | $ 196                       | $ 160                           |
| Lima Campus       | 2,480                       | 2,417                           |
| Mansfield Campus  | 2,458                       | 2,537                           |
| Marion Campus     | 1,473                       | 1,463                           |
| Newark Campus     | 2,013                       | 2,124                           |
| Agricultural Technical Institute | 2,735              | 2,766                           |
| Wright-Patterson Graduate Center | 85                  | 95                              |
| **TOTAL REGIONAL CAMPUSES** | $ 11,420                     | $ 11,562                        |
| **TOTAL ALL CAMPUSES** | $482,000                     | $483,655                        |
| Construction and Renovation Projects | $ 2,607                   | $ 3,003                         |
| Endowment Income to Principal | -0-                        | $ 832                           |
| **GRAND TOTAL**    | $484,607                     | $487,490                        |
November 7, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1979-80 COMMITMENTS
(IN THOUSANDS)

<table>
<thead>
<tr>
<th>Sources of Income to Support 1979-80 Commitments</th>
<th>Estimated Income</th>
<th>Actual Income</th>
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<tr>
<td></td>
<td>June 12, 1980</td>
<td>1979-80</td>
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<tr>
<td></td>
<td>$229,638</td>
<td>$230,616</td>
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<tr>
<td>Columbus Campus</td>
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<tr>
<td>Government Appropriations</td>
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<tr>
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<td>$162,858</td>
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<tr>
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<td>60,912</td>
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<tr>
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<td>6,846</td>
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<td>Subtotal</td>
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<td>$230,616</td>
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November 7, 1980 meeting, Board of Trustees

**TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1979-80**

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<tr>
<td>and Renovation</td>
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| 214 |
### TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1979-80 (contd)

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<tr>
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<th>Account Number</th>
<th>Transferred from Account Number</th>
<th>Amount</th>
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<td>McPherson Chemical Lab</td>
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### Reserves - Repairs and Replacements

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November 7, 1980 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1979-80 (contd)

<table>
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<th>Account Description</th>
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<th>Transferred from Account Number</th>
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<td>086995</td>
<td>019000</td>
<td>2,469,000.00</td>
</tr>
<tr>
<td>Resident and Dining Halls</td>
<td>086997</td>
<td>017200</td>
<td>230,100.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>017300</td>
<td>69,900.00</td>
</tr>
<tr>
<td>Equipment Reserve - Matching</td>
<td>086999</td>
<td>010000</td>
<td>1,500,000.00</td>
</tr>
<tr>
<td><strong>Total Reserves - Repairs and Replacements</strong></td>
<td></td>
<td></td>
<td>$5,427,194.06</td>
</tr>
<tr>
<td><strong>Total Transfers to Plant Funds</strong></td>
<td></td>
<td></td>
<td>$9,934,262.04</td>
</tr>
</tbody>
</table>
November 7, 1980 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1979-80 (contd)

RECAP

<table>
<thead>
<tr>
<th>Account</th>
<th>Range</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current General</td>
<td>010000</td>
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<tr>
<td>Current General - Regional Campuses</td>
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<td>30,981.55</td>
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<td>Current General - Department Earnings</td>
<td>011xxx</td>
<td>48,881.17</td>
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<tr>
<td>Current General - Service Accounts</td>
<td>014xxx</td>
<td>448,721.52</td>
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<tr>
<td>Auxiliary Enterprises</td>
<td>016xxx</td>
<td>982,483.18</td>
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<tr>
<td>Residence and Dining Halls</td>
<td>017xxx</td>
<td>1,118,354.00</td>
</tr>
<tr>
<td>Hospital</td>
<td>019000</td>
<td>2,544,000.00</td>
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<tr>
<td>Current Restricted - Endowment</td>
<td>02xxxx</td>
<td>165,850.00</td>
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<tr>
<td>Current Restricted - Development Fund</td>
<td>03xxxx</td>
<td>(7,368.73)</td>
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<tr>
<td>Current Restricted - Other</td>
<td>05xxxx</td>
<td>124,765.00</td>
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<tr>
<td>Total</td>
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<tr>
<td>Current Unrestricted - E &amp; G</td>
<td></td>
<td>$5,006,178.59</td>
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<tr>
<td>Current Unrestricted - Auxiliaries</td>
<td></td>
<td>2,100,837.18</td>
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<tr>
<td>Current Unrestricted - Hospital</td>
<td></td>
<td>2,544,000.00</td>
</tr>
<tr>
<td>Current Restricted Funds</td>
<td></td>
<td>283,246.27</td>
</tr>
<tr>
<td>Total Transfers to Plant Funds</td>
<td></td>
<td>$9,934,262.04</td>
</tr>
</tbody>
</table>

--o--

BUDGET SUMMARY (FIRST QUARTER, 1980-81)

Resolution No. 81-43

Synopsis: The first quarter budget summary, 1980-81, is presented for review and acceptance.

This budget summary for the first quarter 1980-81 contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Changes to the July, 1980 budget have been made to the unrestricted fund estimates of Columbus Campus income representing revised projections of indirect overhead income and a slight increase in Summer Quarter student fee income. Revisions to restricted funds net to a $600,000 increase represent redistributions and reclassifications of grant and contract activity. Revisions to earnings operations income and expense reflect a new food service activity for Student Housing, changes in activity levels at the University Airport, and Property Management. Unrestricted commitments are not planned to increase at this time.

WHEREAS the first quarter report of the 1980-81 current funds budget covering the period July through September 1980 is presented for review by the Board of Trustees and its income expense estimates deviate by less than one-half of 1 percent from the 1980-81 budget approved by the Board in July, 1980; and
November 7, 1980 meeting, Board of Trustees

BUDGET SUMMARY (FIRST QUARTER, 1980-81) (contd)

WHEREAS the projected expenditures and commitments of the first quarter report for 1980-81 are supported by adequate income:

NOW THEREFORE

BE IT RESOLVED, That the accompanying first quarter budget report be accepted.

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

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1980-81
(IN THOUSANDS)

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget</th>
<th>Proposed Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>July 11, 1980</td>
<td></td>
</tr>
</tbody>
</table>

Columbus Campus

Instruction and General

<table>
<thead>
<tr>
<th>Division</th>
<th>Revised Budget</th>
<th>Proposed Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Departmental Instruction and Research</td>
<td>$174,967</td>
<td>$174,267</td>
</tr>
<tr>
<td>Libraries</td>
<td>10,984</td>
<td>10,984</td>
</tr>
<tr>
<td>Other Academic Support</td>
<td>3,743</td>
<td>3,849</td>
</tr>
<tr>
<td>Sponsored Programs Administration</td>
<td>6,307</td>
<td>6,307</td>
</tr>
<tr>
<td>Student Services</td>
<td>9,888</td>
<td>9,877</td>
</tr>
<tr>
<td>Plant Operation</td>
<td>28,660</td>
<td>28,360</td>
</tr>
<tr>
<td>Institutional Support</td>
<td>19,575</td>
<td>19,780</td>
</tr>
<tr>
<td><strong>Total Instruction and General</strong></td>
<td><strong>$254,124</strong></td>
<td><strong>$253,424</strong></td>
</tr>
</tbody>
</table>

Sponsored Research

<table>
<thead>
<tr>
<th>Division</th>
<th>Revised Budget</th>
<th>Proposed Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federally Sponsored Programs</td>
<td>$35,980</td>
<td>$36,730</td>
</tr>
<tr>
<td>Other Externally Sponsored Programs</td>
<td>10,431</td>
<td>10,481</td>
</tr>
<tr>
<td>Internally Sponsored Programs</td>
<td>511</td>
<td>511</td>
</tr>
<tr>
<td><strong>Total Sponsored Research</strong></td>
<td><strong>$46,922</strong></td>
<td><strong>$47,722</strong></td>
</tr>
</tbody>
</table>

Public Service

<table>
<thead>
<tr>
<th>Division</th>
<th>Revised Budget</th>
<th>Proposed Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Hospitals</td>
<td>$100,182</td>
<td>$100,182</td>
</tr>
<tr>
<td>Cooperative Extension Service</td>
<td>22,044</td>
<td>22,144</td>
</tr>
<tr>
<td>Externally Sponsored Programs</td>
<td>16,062</td>
<td>16,162</td>
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<tr>
<td>Internally Sponsored Programs</td>
<td>5,572</td>
<td>5,572</td>
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<tr>
<td><strong>Total Public Service</strong></td>
<td><strong>$143,860</strong></td>
<td><strong>$144,060</strong></td>
</tr>
</tbody>
</table>
November 7, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1980-81
(IN THOUSANDS) (contd)

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget</th>
<th>Proposed Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbus Campus (contd)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Aid</td>
<td>$7,019</td>
<td>$7,019</td>
</tr>
<tr>
<td>Auxiliaries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Housing</td>
<td>$24,502</td>
<td>$24,761</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>10,326</td>
<td>10,326</td>
</tr>
<tr>
<td>University Bookstores</td>
<td>6,119</td>
<td>6,119</td>
</tr>
<tr>
<td>Student Health Service</td>
<td>2,925</td>
<td>2,925</td>
</tr>
<tr>
<td>Student Unions</td>
<td>2,886</td>
<td>2,886</td>
</tr>
<tr>
<td>Parking Facilities</td>
<td>3,247</td>
<td>3,247</td>
</tr>
<tr>
<td>University Airport</td>
<td>2,567</td>
<td>2,917</td>
</tr>
<tr>
<td>Fawcett Center for Tomorrow</td>
<td>1,767</td>
<td>1,767</td>
</tr>
<tr>
<td>Other</td>
<td>886</td>
<td>751</td>
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<tr>
<td>Total Auxiliaries</td>
<td>$55,224</td>
<td>$55,698</td>
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<tr>
<td>TOTAL COLUMBUS CAMPUS</td>
<td>$507,149</td>
<td>$507,923</td>
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Regional Campuses

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget</th>
<th>Proposed Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$197</td>
<td>$197</td>
</tr>
<tr>
<td>Lima Campus</td>
<td>2,700</td>
<td>2,710</td>
</tr>
<tr>
<td>Mansfield Campus</td>
<td>2,700</td>
<td>2,730</td>
</tr>
<tr>
<td>Marion Campus</td>
<td>1,554</td>
<td>1,564</td>
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<tr>
<td>Newark Campus</td>
<td>2,222</td>
<td>2,252</td>
</tr>
<tr>
<td>Agricultural Technical Institute</td>
<td>2,910</td>
<td>2,950</td>
</tr>
<tr>
<td>Wright-Patterson Graduate Center</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>TOTAL REGIONAL CAMPUS</td>
<td>$12,383</td>
<td>$12,503</td>
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<tr>
<td>GRAND TOTAL</td>
<td>$519,532</td>
<td>$520,426</td>
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</table>
November 7, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET
(IN THOUSANDS)

<table>
<thead>
<tr>
<th>Sources of Income</th>
<th>Columbus Campus</th>
<th>Revised July 11, 1980 Estimate</th>
<th>Proposed Revised Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Government Appropriations</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State of Ohio</td>
<td>$168,789</td>
<td></td>
<td>$169,489</td>
</tr>
<tr>
<td>Federal</td>
<td>67,671</td>
<td></td>
<td>68,386</td>
</tr>
<tr>
<td>Other</td>
<td>8,312</td>
<td></td>
<td>8,362</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>$244,772</td>
<td></td>
<td>$246,237</td>
</tr>
<tr>
<td><strong>Student Fees</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Instruction and General</td>
<td>$68,590</td>
<td></td>
<td>$68,760</td>
</tr>
<tr>
<td>Room and Board</td>
<td>19,900</td>
<td></td>
<td>20,050</td>
</tr>
<tr>
<td>Other</td>
<td>3,997</td>
<td></td>
<td>3,997</td>
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<tr>
<td><strong>Subtotal</strong></td>
<td>$92,487</td>
<td></td>
<td>$92,807</td>
</tr>
<tr>
<td><strong>Other Income</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auxiliary Sales and Charges</td>
<td>$121,751</td>
<td></td>
<td>$122,119</td>
</tr>
<tr>
<td>Department and University Services</td>
<td>15,374</td>
<td></td>
<td>15,074</td>
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<tr>
<td>Endowment Income</td>
<td>4,782</td>
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<td>4,782</td>
</tr>
<tr>
<td>Gifts and Grants</td>
<td>20,553</td>
<td></td>
<td>20,153</td>
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<tr>
<td>Temporary Investments</td>
<td>7,500</td>
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<td>7,500</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>$169,960</td>
<td></td>
<td>$169,628</td>
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<tr>
<td><strong>TOTAL COLUMBUS CAMPUS</strong></td>
<td>$507,219</td>
<td></td>
<td>$508,672</td>
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**Regional Campuses**

<table>
<thead>
<tr>
<th>Insource</th>
<th>Revised Estimate</th>
<th>Proposed Revised Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lima Campus</td>
<td>$3,028</td>
<td>$3,038</td>
</tr>
<tr>
<td>Mansfield Campus</td>
<td>3,104</td>
<td>3,134</td>
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<tr>
<td>Marion Campus</td>
<td>1,819</td>
<td>1,829</td>
</tr>
<tr>
<td>Newark Campus</td>
<td>2,636</td>
<td>2,666</td>
</tr>
<tr>
<td>Agricultural Technical Institute</td>
<td>3,194</td>
<td>3,234</td>
</tr>
<tr>
<td>Wright-Patterson Graduate Center</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td><strong>TOTAL REGIONAL CAMPUSES</strong></td>
<td>$13,881</td>
<td>$14,001</td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td>$521,100</td>
<td>$522,673</td>
</tr>
</tbody>
</table>
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 the honorary degree as listed below:

J. W. Peltason  
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 Mrs. James, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--o--

AMENDMENT TO UNIVERSITY HOSPITALS BOARD BYLAWS
Resolution No. 81-45

Synopsis: Amendment to University Hospitals Board Bylaws is proposed.

WHEREAS pursuant to rule 3335-103-01 of the Administrative Code, the Board of Trustees is authorized to amend the University Hospitals Board Bylaws; and

WHEREAS an amendment to paragraph (B) of rule 3335-97-05 of the Administrative Code was approved unanimously at the University Hospitals Board meeting on September 25, 1980 for submission to the Board of Trustees; and

WHEREAS the composition of the hospital facilities committee will add the chief of medical staff or designee to the committee:

NOW THEREFORE

BE IT RESOLVED, That rule 3335-97-05 as recommended by the University Hospitals Board be approved as it is printed below with the chief of medical staff being added to the committee.

3335-97-05 Hospital facilities committee.

(A) Purpose. The committee shall monitor the condition of the hospitals facilities and shall have the responsibility for planning and recommending additions, alterations, repair, and maintenance.
November 7, 1980 meeting, Board of Trustees

AMENDMENT TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

(B) Composition. The committee shall consist of four board members, appointed annually by the chairman of the board, one of whom shall serve as chairman of the committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for business and administration or designee; the medical director of the hospitals or designee; and the chief of medical staff or designee.

(C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT
Resolution No. 81-46

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 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 December 12, 1980, 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. James, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENT TO RULE 3335-3-12 VICE PRESIDENT FOR HEALTH SCIENCES
Resolution No. 81-47

Synopsis: Amendment to rule 3335-3-12 is being proposed.
November 7, 1980 meeting, Board of Trustees

AMENDMENT TO RULE 3335-3-12 VICE PRESIDENT FOR HEALTH SCIENCES (contd)

WHEREAS the Board of Trustees pursuant to rule 3335-15-03 is authorized to amend the Rules of the University Faculty; and

WHEREAS it is proposed that rule 3335-3-12 (Vice President for Health Sciences) be amended to add additional principal administrative officials in the Office of Health Sciences:

NOW THEREFORE

BE IT RESOLVED, That paragraph (C) of rule 3335-3-12 be amended to add additional principal administrative officials to those presently enumerated in that rule.

3335-3-12 Vice president for health sciences.

(C) The principal administrative officials in the office of health sciences shall be the deans of dentistry, medicine, optometry, pharmacy, and veterinary medicine; the chief administrators of university hospitals and the veterinary hospital; associate vice president and/or assistant vice presidents; and such other associates as may be authorized from time to time. (B/T 7/12/74, B/T 4/6/79, B/T 11/7/80)

Mr. Havens:

Does this have anything to do with our hospitals board—do they have anything to say about this or be advised of it, or it’s got nothing to do with that?

President Enarson:

Two points, Mr. Havens. One, as I recall, this matter of the internal organization was touched on lightly by Vice President Cramblett at the meeting of the hospitals board. They were not asked, as I understand, to react to it. And the second point would be that the internal configuration, including staffing, salaries, etc., is the exclusive concern of this Board.

Mr. Havens: O.K., thank you.

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

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DISTINGUISHED SERVICE AWARDS Resolution No. 81-48

Synopsis: Recommendation for four individuals to receive Distinguished Service Awards is proposed.
DISTINGUISHED SERVICE AWARDS (contd)

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended four individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipient:

Camille Joseph DeLor
John D. Dranko
Richard P. Goldthwait
T. Scott Sutton

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 Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 81-49

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Reappointment of Principal Administrative Official, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Title are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 3, 1980 meeting of the Board, including the following Reappointment of Principal Administrative Official, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Title as detailed in the University Budget for 1980-81, be approved.

Reappointment of Principal Administrative Official

Donald D. Glower, Dean of the College of Engineering, effective November 5, 1980, pursuant to rule 3335-3-17 of the Administrative Code.
November 7, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Appointments

Effective August 13, 1980

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donald W. Knox, M.D.</td>
<td>Transfer from Limited to Courtesy Staff in Dermatology</td>
<td>Medicine</td>
</tr>
<tr>
<td>James M. Parker, M.D.</td>
<td>Transfer from Limited to Courtesy Staff in Neurology</td>
<td>Medicine</td>
</tr>
<tr>
<td>Don L. Bremer, M.D.</td>
<td>Attending Staff</td>
<td>Ophthalmology</td>
</tr>
<tr>
<td>Patricia R. Forman, M.D.</td>
<td>Limited Staff in General Psychiatry</td>
<td>Psychiatry</td>
</tr>
<tr>
<td>Allen F. Browne, M.D.</td>
<td>Limited Staff in Pediatric Surgery</td>
<td>Surgery</td>
</tr>
<tr>
<td>M. Terry McEnany, M.D.</td>
<td>Attending Staff (Chief of Thoracic Surgery Department)</td>
<td>Surgery</td>
</tr>
</tbody>
</table>

Effective September 10, 1980

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donald Woodard, M.D.</td>
<td>Limited Staff</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>Kevin C. Strait, M.D.</td>
<td>Limited Staff</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>Mao-Hsiung Chen, M.D.</td>
<td>Courtesy Staff in Cardiology</td>
<td>Medicine</td>
</tr>
<tr>
<td>Terrance A. Castor, M.D.</td>
<td>Courtesy Staff in Endocrinology and Metabolism</td>
<td>Medicine</td>
</tr>
<tr>
<td>James E. Hart, M.D.</td>
<td>Courtesy Staff</td>
<td>Pathology</td>
</tr>
<tr>
<td>Patricia E. Wongsam-</td>
<td>Attending Staff</td>
<td>Physical Medicine</td>
</tr>
<tr>
<td>Hussein, M.D.</td>
<td></td>
<td>Preventive Medicine</td>
</tr>
<tr>
<td>Susan Lee Hubbell, M.D.</td>
<td>Attending Staff</td>
<td>(Emergency Medicine)</td>
</tr>
<tr>
<td>William David Leak, M.D.</td>
<td>Courtesy Staff</td>
<td></td>
</tr>
</tbody>
</table>

Effective October 8, 1980

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
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</thead>
<tbody>
<tr>
<td>Julia D. Weinerman, M.D.</td>
<td>Attending Staff</td>
<td>Physical Medicine and Rehabilitation Medicine and Radiology</td>
</tr>
<tr>
<td>Jean Francois Spiro, M.D.</td>
<td>Limited Staff in Diagnostic Radiology</td>
<td>Radiology</td>
</tr>
<tr>
<td>Abner Bagenstose, M.D.</td>
<td>Courtesy Staff (Transfer from General Medicine to Allergy)</td>
<td>Medicine</td>
</tr>
<tr>
<td>Herbert Bronstein, M.D.</td>
<td>Courtesy Staff (Transfer from General Medicine to Allergy)</td>
<td>Medicine</td>
</tr>
<tr>
<td>Charles Cunningham, M.D.</td>
<td>Courtesy Staff (Transfer from General Medicine to Allergy)</td>
<td>Medicine</td>
</tr>
<tr>
<td>Germaine Rupp, M.D.</td>
<td>Courtesy Staff (Transfer from General Medicine to Allergy)</td>
<td>Medicine</td>
</tr>
<tr>
<td>Damon Wetternauer, M.D.</td>
<td>Courtesy Staff (Transfer from General Medicine to Allergy)</td>
<td>Medicine</td>
</tr>
<tr>
<td>Clifford W. Lynd, Jr., M.D.</td>
<td>Limited Staff in General Surgery</td>
<td>Surgery</td>
</tr>
<tr>
<td>Marc H. Glickman, M.D.</td>
<td>Limited Staff in General Surgery</td>
<td>Surgery</td>
</tr>
</tbody>
</table>
Leaves of Absence Without Salary

JACQUELINE D. SISSON, Professor, University Libraries, effective October 14, 1980 through June 30, 1981, for personal reasons.

WILLIAM W. WAYSON, Professor, Academic Faculty of Educational Foundations and Research, effective October 1, 1980 through September 30, 1981, to work with Cleveland Public Schools.

LINDA GORDON HOWARD, Associate Professor, College of Law, effective October 1, 1980 through December 31, 1980, to continue to serve on President Carter's staff.

JAMES THOM ANDERSEN, Assistant Professor, Department of Photography and Cinema, effective October 1, 1980 through December 31, 1980, to pursue research under a Guggenheim Fellowship.

F. GREGORY ASHBY, Assistant Professor, Department of Psychology, effective October 1, 1981 through June 30, 1982, to accept a National Science Foundation postdoctoral fellowship at Harvard University.

FRANK E. BINDER, Instructor, College of Dentistry - Oral Diagnosis and Medicine, effective October 1, 1980 through September 30, 1981, for personal reasons.

Professional Improvement Leaves

RAYMOND W. LANG, Professor, Department of Medical Microbiology and Immunology, effective Spring Quarter 1981, Summer Quarter 1981, Autumn Quarter 1981, and Winter Quarter 1982.


J. DENNIS NOLAN, Professor, Department of Psychology, effective Spring Quarter 1981 and Summer Quarter 1981.

Emeritus Title

KATHERINE G. HOCH, Department of English, with the title Assistant Professor Emeritus, effective January 1, 1981.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
November 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-50

Synopsis: The report on contracts, grants, and gifts and the summary for September 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of September 1980, be approved.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
November 7, 1980 meeting, Board of Trustees

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

SUMMARY FOR SEPTEMBER 1980

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
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<tr>
<td>Office of Business and Administration</td>
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<td>The Ohio State University Research Foundation</td>
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<td>Engineering Experiment Station</td>
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<td>The Ohio State University Development Fund</td>
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Establishment of Named Funds

- The Maurice W. & H. Ethel Neidigh Scholarships in Veterinary Medicine
  (College of Veterinary Medicine) $19,021.35
- The George D. Brush Scholarship in Ceramic Engineering
  (Department of Ceramic Engineering) $5,000.00
- Cynthia Cook Dissertation Scholarship in Early and Middle Childhood Education
  (Doctoral students - Early and Middle Childhood Education) $4,540.00

Report from Presidents Club

- Members to date 4,412
- 1980: year to date 1,026
- New members - September 1980 3

New Presidents Club Members - September 1980

- David J. Caccavello
- Robert L. Chiles
- James D. Casto, II
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY
July 1, 1980 through September 30, 1980

OFFICE OF BUSINESS AND ADMINISTRATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
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<td>GRAND TOTAL</td>
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</table>
November 7, 1980 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY
July 1, 1980 through September 30, 1980

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
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<td>FEDERAL</td>
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<td>INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS</td>
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<td><strong>GRAND TOTAL</strong></td>
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<td><strong>$17,779,417.01</strong></td>
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November 7, 1980 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY
July 1, 1980 through September 30, 1980

ENGINEERING EXPERIMENT STATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
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<tr>
<td>INDUSTRIAL AND OTHER</td>
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<td>GRAND TOTAL</td>
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<td>$1,136,451.00</td>
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</table>
November 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

$240,608.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, October 1, 1980 through September 30, 1981. (Grant No. 5E03MB15704-11)

$102,902.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Nursing Capitation Grant Program, School of Nursing, July 1, 1980 through June 30, 1981. (Grant No. 5E04NU01080-09)

$102,606.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, October 1, 1980 through September 30, 1981. (Grant No. 5E03MB15608-11)

$55,304.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Optometry, October 1, 1980 through September 30, 1981. (Grant No. 5E03MB15402-15)

TOTAL - FEDERAL CONTRACTS/GRANTS $501,420.00

State of Ohio Contract/Grant

$48,000.00 - State of Ohio, Department of Education, Division of Elementary and Secondary Education, Columbus, Ohio, to improve and expand nutrition education in the schools, this proposal will establish a Nutrition Education Curriculum Center to serve the needs of school systems in thirteen counties in Central Ohio, Nutrition Education and Training Center (Academic Faculty of Educational Administration, Department of Human Nutrition and Food Management, School of Allied Medical Professions, and School of Health, Physical Education and Recreation), October 1, 1980 through September 30, 1981.

Industrial, Private, and Other Non-Federal Contract/Grant

$10,000.00 - Central Ohio Special Education Regional Resource Center, Columbus, Ohio, to teach five in-service courses during 1980-1981, Academic Faculty of Exceptional Children, October 6, 1980 through June 15, 1981.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants


$264,582.00 - National Science Foundation, Washington, D. C., Establishment of a Center for Welding Research, Department of Welding Engineering (R. B. McCauley), 1 August 1980 through 31 July 1981. (Project 762389 - New)

$186,082.00 - Department of Education, Grant and Procurement Management Division, Rehabilitation Services Administration, Washington, D. C., Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. W. Johnson), 1 July 1980 through 30 June 1981. (Project 760750 - Continuation)


$173,237.00 - Environmental Protection Agency, Washington, D. C., Fate of Environmentally Induced DNA Damage in Human Fetal Tissues, Departments of Radiology and Pharmacology (S. M. D'Ambrosio) and Department of Veterinary Pathobiology (M. Chang), 1 October 1980 through 30 September 1982. (Project 762405 - New)

$168,736.00 - National Endowment for the Humanities, Washington, D. C., Institute on Individualized Instruction in Foreign Languages, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 September 1980 through 31 August 1981. (Project 762403 - New)
November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$160,660.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Interdisciplinary Health Care for the Aged, Department of Pathology (L. Liss) and College of Medicine - Administration (C. L. Turner), 1 October 1980 through 30 September 1981. (Project 761918 - Continuation)

$150,280.00 - Department of Education, Office of International Education, Washington, D. C., Language and Area Center for Slavic and East European Studies; Foreign Language Area Studies Fellowships, Department of Slavic and East European Languages and Literatures (L. Twarog) and Graduate School - Administration (J. B. LaPidis), 15 August 1980 through 14 August 1981. (Project 761827 - Continuation)

$129,130.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (D. C. Broski), 1 October 1980 through 30 September 1981. (Project 761329 - Continuation)

$126,468.00 - Department of Education, Division of Program Development Dissemination and Desegregation Affairs, Washington, D. C., Teacher Training Project Leading to a B.S. and M.A. Degree in Elementary Education With Specialty in Bilingual Education, Academic Faculty of Early and Middle Childhood Education - Marion Campus (V. G. Allen), 1 September 1980 through 31 August 1981. (Project 762401 - New)

$109,357.00 - Department of Education, Bureau of Education for the Handicapped, Washington, D. C., A Model Program for School-Aged, Mildly Handicapped Children and Their Parents - Second Year, Academic Faculty of Exceptional Children (T. E. Heron and W. L. Heward), 1 September 1980 through 31 August 1981. (Project 761808 - Continuation)


$98,425.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Design of Dual Bond Antennas, Department of Electrical Engineering, ElectroScience Laboratory (B. Munk), 30 September 1980 through 30 June 1981. (Project 762413 - New)

$97,798.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 15 September 1980 through 14 September 1981. (Project 760226 - Continuation)
November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$90,000.00 - Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 1 September 1980 through 31 August 1981. (Project 761863 - Continuation)

$83,897.00 - Department of Health and Human Service, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1980 through 31 August 1981. (Project 760026 - Continuation)

$82,500.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute - Annual Allotment, College of Engineering - Administration (C. J. Konya), 1 October 1980 through 30 June 1981. (Project 762416 - Continuation)

$76,676.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Field Testing and Evaluation of the Advanced Terminal System, College of Medicine - Administration (J. L. Burson and R. C. Comer), 29 September 1980 through 28 March 1982. (Project 762398 - New)

$75,146.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D. T. Witiak and D. R. Feller) and Department of Pathology (H. A. I. Newman), 1 September 1980 through 31 August 1981. (Project 762769 - Continuation)

$74,999.00 - Department of Energy, Albuquerque, New Mexico, Salt-Gradient Solar Pond Development, Department of Physics (C. E. Neilsen), 1 September 1980 through 31 January 1981. (Project 760904 - Continuation)

$70,707.00 - Department of Health and Human Services, Social Security Administration, Gwynn Oak Branch, Baltimore, Maryland, Limitation in Function and Disability, Mershon Center for Education in National Security (S. Z. Nagi), 1 October 1980 through 30 September 1981. (Project 761717 - Continuation)

November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$62,922.00 - Department of Health and Human Services, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Development and Validation of an Interdisciplinary Screening Tool, Nisonger Center for Mental Retardation (W. E. Leadman and F. A. Benson), 1 October 1980 through 30 September 1981. (Project 762390 - New)


$60,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1980 through 30 September 1981. (Project 760081 - Continuation)

$58,331.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen-Induced Changes in tRNA Metabolism in Human Cells, Department of Physiological Chemistry (R. W. Trewyn), 30 September 1980 through 30 September 1981. (Project 762404 - New)

$57,164.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 1 September 1980 through 31 August 1981. (Project 761909 - Continuation)

$54,000.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Comprehensive Humanistic Health Care, College of Medicine - Administration (C. McPherson-Turner and L. A. Sachs), 1 October 1980 through 30 September 1981. (Project 762409 - New)
November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$52,820.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Model for Medical Treatments Evaluation, Department of Statistics (E. J. Dudewicz and J. Hsu), 1 September 1980 through 31 August 1981. (Project 761814 - Continuation)

$50,000.00 - Department of Energy, Argonne, Illinois, Farm Ethanol Production Demonstration, Agricultural Technical Institute - Wooster Campus, (W. Longbrake), 1 September 1980 through 31 August 1982. (Project 762415 - New)

$46,319.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry (T. Kuwana), 1 September 1980 through 31 August 1981. (Project 763359 - Continuation)


$42,653.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1980 through 31 August 1981. (Project 762386 - Continuation)

$42,600.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, In Vitro Immunoglobulin Production in Hepatitis, Department of Medicine (R. L. Whisler), 1 September 1980 through 31 August 1981. (Project 761266 - Continuation)

$40,099.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller/Rotor Icing Study, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 6 October 1980 through 5 October 1981. (Project 762399 - New)

$40,000.00 - Environmental Protection Agency, Cincinnati, Ohio, Improved Assumptions About Liquid Flow Through Wastes, Department of Civil Engineering (C. A. Moore), 2 September 1980 through 27 May 1981. (Project 762234 - Continuation)
November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$33,784.00 - Small Business Administration, Washington, D. C., An Economic Analysis of Refiner-Marketer Relations in the Retail Gasoline Market, Department of Economics (H. P. Marvel), 1 September 1980 through 31 August 1981. (Project 762407 - New)

$33,000.00 - Department of Agriculture, Office of International Cooperation and Development, Washington, D. C., Cooperative Research Linkage for The Ohio State University, Ohio Agricultural Research and Development Center and the University of Sao Paulo, Brazil, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 24 September 1980 through 31 August 1981. (Project 762420 - New)

$27,073.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Hormonal and Dietary Control of ATP Citrate Lyase, Department of Food Science and Nutrition (K. L. Roehrig), 19 September 1980 through 31 August 1981. (Project 762408 - New)

$24,200.00 - Department of the Army, Natick Research and Development Laboratories, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. Rubin), 23 September 1980 through 25 October 1980. (Project 760946 - Continuation)

$19,995.00 - National Science Foundation, Washington, D. C., Interdisciplinary Cell Culture Facility, Department of Microbiology (B. S. Zwilling), 15 October 1980 through 30 September 1983. (Project 762395 - New)

$19,741.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/ Education and Related Assistance Capabilities, College of Administrative Science - Continuing Education (C. J. Sianicka and R. M. Montgomery), 12 April 1980 through 30 September 1980. (Project 761381 - Continuation)

$15,000.00 - Department of Energy, Argonne, Illinois, University Reactor Sharing Program, Engineering Experiment Station, Water Resources Center (D. W. Miller, R. D. Myser, and B. K. Hajek), 1 September 1980 through 31 August 1981. (Project 762411 - New)
November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$14,090.00 - Department of Energy, Oak Ridge, Tennessee, The Pre-Freshman and Cooperative Education for Minorities in Engineering (PREFACE - Program at The Ohio State University), College of Engineering - Administration (M. M. McGee), 15 March 1980 through 30 June 1981. (Project 762385 - Continuation)

$12,362.00 - Office of Education, Office of Higher and Continuing Education, Washington, D. C., Foreign Language and Area Studies Fellowships - East Asian, Graduate School - Administration (J. B. LaPidus), Office of Academic Affairs, Center for International Studies (J. S. Adams), and Department of Anthropology (C. M. Chen), 15 August 1980 through 14 August 1981. (Project 761749 - Continuation)

$10,002.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Test Data Processing and Analyses Related to the SR10 System, Department of Electrical Engineering (H. Hemami), 1 July 1980 through 30 December 1980. (Project 762063 - Continuation)

$10,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Advanced RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 25 August 1980 through 24 August 1981. (Project 762363 - New)

$10,000.00 - Department of Energy, Argonne National Laboratory, Argonne, Illinois, Development of Computer Simulations for Landfill Methane Recovery, Department of Civil Engineering (C. A. Moore), 1 September 1980 through 30 September 1980. (Project 761802 - Continuation)

$10,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, T-Matrix Formulation to Study the Frequency Dependent Properties of Absorbing Materials, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 August 1980 through 30 April 1981. (Project 762329 - Continuation)

$10,000.00 - Department of Agriculture, Science and Education Administration, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology (W. Rothenbuhler), 1 July 1980 through 15 May 1981. (Project 760706 - Continuation)

$9,994.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Xenon Probe Laser for Atmospheric Studies, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon and R. Nordstrom), 1 August 1980 through 30 November 1980. (Project 762346 - New)
November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$8,494.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Analysis of Crash survivability Levels, Department of Mechanical Engineering (D. A. Guenther), 1 October 1980 through 30 March 1981. (Project 762428 - New)

$8,400.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., Graduate and Professional Opportunities Program Fellowships, Graduate School - Administration (A. S. Pruitt), 1 September 1980 through 31 August 1981. (Project 762138 - Continuation)

$6,328.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, An Introductory Study of the H-Force Rotor, Department of Mechanical Engineering (H. R. Velkoff), 1 October 1980 through 31 January 1981. (Project 760964 - Continuation)

$5,365.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., Foreign Language and Area Studies Fellowships - Near and Middle East, Graduate School - Administration (J. B. LaPijus), Office of Academic Affairs, Center for International Studies (J. S. Adams), and Department of History (M. Waldman), 15 August 1980 through 14 August 1981. (Project 761759 - Continuation)

$5,280.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Computer Modeling and Vehicle Collision Data Analysis, Department of Mechanical Engineering (D. A. Guenther), 15 September 1980 through 31 December 1980. (Project 762054 - Continuation)

$5,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scattering of Waves by Viscoelastic Composites and the Characterization of Their Dynamic Properties, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 22 August 1980 through 31 March 1981. (Project 762104 - Continuation)

$5,000.00 - National Endowment for the Arts, Washington, D. C., Master Class in Choral Conducting, School of Music (M. Casey), 1 October 1980 through 30 September 1981. (Project 762400 - New)

November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$3,447.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, A New Method for Analysis of Coronary Artery Behavior, Department of Surgery (T. E. Williams and J. F. Cornhill), 1 July 1980 through 30 June 1981. (Project 761222 - Continuation)

$3,163.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Side Impact Padding Integration Study, Department of Mechanical Engineering (D. A. Guenther), 15 September 1980 through 14 November 1980. (Project 762410 - New)

$3,142.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Pedestrian Laboratory and Field Data Analysis, Department of Mechanical Engineering (D. A. Guenther), 1 July 1980 through 15 November 1980. (Project 762052 - Continuation)

$2,463.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Frequency Response of a Head Form Impacter, Department of Mechanical Engineering (R. Singh), 8 September 1980 through 31 October 1980. (Project 762421 - New)

$1,500.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Population Density and Habitat Selection by Breeding Yellow Rails at Seney National Wildlife Refuge, Michigan, Department of Zoology (T. A. Bookhout), 15 September 1980 through 30 June 1981. (Project 761561 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $5,133,456.84

State of Ohio Research Contracts/Grants

$48,200.00 - Ohio Board of Regents, Columbus, Ohio, CETA-Higher Education Linkage Program: Coordination and Research, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 September 1980 through 30 June 1981. (Project 762379 - New)

$23,000.00 - Ohio Historical Society, Columbus, Ohio, Ohio Regional Archaeological Preservation Office 6A, Department of Anthropology (D. Hughes and W. Dancey), 1 October 1980 through 30 September 1981. (Project 762424 - Continuation)
November 7, 1980 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)

$12,223.00 - State of Ohio, Department of Highway Safety, Columbus, Ohio, Driver Training for the Handicapped Institute, Office of Academic Affairs, Continuing Education - Non-Credit Programs (P. O. White and J. R. Herold), 11 September 1980 through 31 October 1980. (Project 762388 - Continuation)

$9,850.00 - State of Ohio, Department of Health, Columbus, Ohio, Comparing Regulatory Decisions Under the 1122 and the CON Project Review Procedures, School of Allied Medical Professions (P. C. Nutt), 1 October 1980 through 30 September 1981. (Project 762392 - Continuation)

$4,824.00 - State of Ohio, Department of Economic and Community Development, Office of Criminal Justice Service, Columbus, Ohio, A Conference Entitled, "Youth Service Planning and Coordination: A Blueprint for Action in Ohio," Office of Academic Affairs, Continuing Education - Non-Credit Programs (J. R. Herold and P. O. White), 19 September 1980 through 30 September 1980. (Project 762402 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 98,097.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$187,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 20 August 1980 through 31 December 1980. (Project 760982 - Continuation)

$50,000.00 - City of Columbus, Department of Community Services for the Columbus-Franklin County Consortium, Columbus, Ohio, Offender Activities Grant, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 April 1981. (Project 762350 - New)

$36,039.00 - Kendall Demonstration Elementary School, Gallaudet College, Washington, D.C., Continuation of the Kendall Demonstration Elementary School Career Education Project, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1980 through 30 September 1981. (Project 762419 - Continuation)

November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$25,798.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Relation Between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 15 August 1980 through 14 August 1981. (Project 761376 - Continuation)


$25,240.50 - Adria Laboratories, Columbus, Ohio, The Effect of "Myoflex" on the Relief of Exercise-Induced Muscle Soreness, Department of Physical Medicine (D. O. Wiechers), 1 July 1980 through 30 June 1981. (Project 762417 - New)

$20,000.00 - St. Clair County Community College, Port Huron, Michigan; State Fair Community College, Sedalia, Missouri; Washington State Community College, District 17, Spokane, Washington; North Central Technical College, Mansfield, Ohio; Cuyahoga Community College, Cleveland, Ohio; Trident Technical College, Charleston, South Carolina; City College of Chicago, Chicago, Illinois; Walla Walla Community College, Walla Walla, Washington; Kalamazoo Valley Community College, Kalamazoo, Michigan; Eastern Iowa Community College, Davenport, Iowa; Hocking Technical College, Nelsonville, Ohio; Mississippi Gulf Coast Junior College, Perkinston, Mississippi; Williamsport Area Community College, Williamsport, Pennsylvania; Orangeburg Calhoun Technical College, Orangeburg, South Carolina; Brevard Community College, Cocoa, Florida; Northern Essex Community College, Haverhill, Massachusetts; Maricopa County Community College District, Phoenix, Arizona; Oakton Community College, Morton Grove, Illinois and Bergen Community College, Paramus, New Jersey, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)
November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$15,120.00 - National Foundation - March of Dimes, White Plains, New York, Regulation of Dihydrofolate Reductase Gene Expression in Resting and Growing Fibroblasts, Department of Biochemistry (L. F. Johnson), 1 September 1980 through 30 June 1981. (Project 761289 - Continuation)


$11,533.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Alumina Tooth Implantation in Human Subjects, College of Dentistry - Crown and Bridge (R. H. Downes), 1 April 1980 through 31 August 1980. (Project 762315 - Continuation)

$5,000.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, The Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 1 September 1980 through 31 August 1981. (Project 762422 - New)

$3,415.00 - The Van Leer Jerusalem Foundation, Jerusalem, Israel, Study of Non-Affiliated Jewish Professors, Department of Sociology (H. Himmelfarb), Department of Psychology (G. Winer), and Department of History (M. Raphael), 1 July 1980 through 31 October 1980. (Project 762352 - New)

$3,000.00 - San Joaquin Delta College, Stockton, California; Guilford Technical Institute, Jamestown, North Carolina and Triton College, River Grove, Illinois, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

$1,634.00 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1980 through 31 October 1980. (Project 761912 - Continuation)


TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 503,790.82
November 7, 1980 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$300.00 - Transportation Research Center of Ohio, East Liberty, Ohio, use of OSU/IRCC services in fiscal year 1980-81. (D-6846/312193)

Industrial and Other Sponsored Research and Development


$34,707.00 - various sponsors for 11 D-projects under the direction of five engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $93,364.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$399,133.79 - Estate of Lora Kays and Warner M. Pomerene, Coshocton, Ohio, for The Warner M. and Lora Kays Pomerene Chair in Medicine.

$88,128.00 - Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for Glenna R. Joyce Scholarship Fund.

$62,100.00 - Ohio Lions Eye Research Foundation, Jackson, Ohio--$22,000.00 for Ohio Lions Club Blindness Research Fund; $15,000.00 for Institute for Research in Vision; $4,850.00 for Lions; $4,000.00 for Lions Research; $4,000.00 for Lions 1977; $4,000.00 for Pupil Fund; $3,700.00 for Ohio Lions; $2,200.00 for Electroencephalogram Fund; $1,250.00 for Visual Function Fund; and $1,000.00 for Ohio Lions Research Fund.

$28,467.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

$26,673.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Trust in Scholarship Fund.

$25,000.00 - Norden Laboratories, Lincoln, Nebraska, for Veterinary Pathobiology Graduate Training Fund.

$21,500.00 - Gannett Newspaper Foundation, Rochester, New York, for Journalism Director’s Special Fund.
November 7, 1980 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)

$12,824.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

$12,604.31 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

$12,000.00 - Biomedics, Inc., Chicago, Illinois, for Extracorporeal Carbamylation for Treatment of Sickle Cell Disease.

$9,678.39 - Estate Under the Will of James W. Strong, Lima, Ohio, for Hope Strong Journalism Fund.

$7,381.02 - Ohio Farmers Insurance Co., Westfield Center, Ohio (given in the name of Arthur C. Dannecker, Jr.), for Ohio 4-H Foundation Support Fund.

$7,247.51 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$6,400.00 - The Lubrizol Foundation, Cleveland, Ohio—$2,400.00 for Lubrizol Foundation Scholarship Fund; $2,000.00 for Lubrizol Foundation Scholarship Fund for Chemical Engineering; and $2,000.00 for Lubrizol Foundation Fellowship Fund for Chemistry.

$6,001.19 - Arthur R. Magnuson, Columbus, Ohio (given in the name of Dan Magnuson), for Student Athlete Grant-in-Aid Endowment Fund.

$6,000.00 - Carrier Corporation, Syracuse, New York, for Carrier Fund.

$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

$6,000.00 - Glass Packaging Institute, Washington, D. C., for Engineering Mechanics Chairman's Discretionary Fund.

$6,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for Physiological Chemistry Research.

$6,000.00 - Specialty Food Products, Woodbridge, New Jersey, for Food Ingredient Technology Corporation Graduate Research Fund.

$5,800.00 - Texas Marketing Area, Order No. 1126, Dallas, Texas, for Ohio Agricultural Business Fund.

$5,520.00 - Dade Diagnostics, Inc., Aguada, Puerto Rico, for Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

$5,100.00 - American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation for Pharmaceutical Education Fellowship Fund.
November 7, 1980 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 - Robert L. Chiles, Newark, Ohio, for Student Athlete Grant-in-Aid Endowment Fund.

$5,000.00 - General Electric Foundation, Stamford, Connecticut, for Affirmative Action Program in Engineering Fund.

Gift-in-Kind

$6,225.00 - Frederick G. Ruffner, Detroit, Michigan.

Establishment of Named Funds

The Maurice W. & H. Ethel Neidigh Scholarships in Veterinary Medicine

The Maurice W. & H. Ethel Neidigh Scholarships in Veterinary Medicine was established November 7, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Maurice W. and Ethel Neidigh, formerly of Centre County, 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 or reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students studying veterinary medicine at the University. The selection of the recipient(s) is to be made upon the recommendation of a scholarship committee in consultation with the Dean of the College of Veterinary Medicine in cooperation with the Office 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 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 medicine scholarships.

The George D. Brush Scholarship in Ceramic Engineering

The George D. Brush Scholarship in Ceramic Engineering was established November 7, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Scioto Savings Association in memory of George D. Brush, B.S.C.E. ’21, late 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.
November 7, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The George D. Brush Scholarship in Ceramic Engineering (contd)

The annual income is to be used to provide scholarship assistance to undergraduate students enrolled in the Department of Ceramic Engineering. The selection of the recipient is to be made on the basis of financial need, as determined by standard university procedures. However, the selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Ceramic Engineering.

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 official of the University who is then directly responsible for ceramic engineering education.

Cynthia Cook Dissertation Scholarship in Early and Middle Childhood Education

The Cynthia Cook Dissertation Scholarship in Early and Middle Childhood Education was established November 7, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of Cynthia Cook.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 is to be used to provide scholarships for one or more doctoral students for their dissertation costs in Early and Middle Childhood Education or the general area of reading. Students must submit a letter of interest and four copies of their research proposal and research costs to the Cindie Cook Scholarship Committee. The selection of the recipient shall be made by the Cindie Cook 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 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 early and middle childhood education.

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PLANS AND SPECIFICATIONS

Resolution No. 81-51

Synopsis: Approval of plans and specifications is being proposed for the following project.
PLANS AND SPECIFICATIONS (contd)

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

NOVICE G. FAWCETT CENTER FOR TOMORROW, AUXILIARY FOOD FACILITY

Project: Provide an evening food service for patrons of the Novice G. Fawcett Center for Tomorrow during hours when the dining room is closed. This facility will provide hotel guests with convenient, light food and assorted beverages within the building. A portion of the present dining room will be partitioned to provide space for this facility.

Funding: Budget Account 885124

Estimated Project Cost: $100,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration 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 award the necessary contracts; and

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

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

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PLANS AND SPECIFICATIONS Resolution No. 81-52

Synopsis: Plans and specifications are being proposed for the following project.

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following project:
November 7, 1980 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

MATHEMATICS BUILDING, EXTERIOR MASONRY REPAIRS

Project: Emergency repairs to the south face of the building. The brick bond in this area has failed, requiring removal of a portion of the brick and complete restoration.

Funding: Budget Account 885143

Estimated Project Cost: $30,000.00

NOW THEREFORE

BE IT RESOLVED, That the Purchasing Department of the University be authorized to proceed with the solicitation of bids for the above project in accordance with normal procedures established for receipt of bids.

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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REPORT OF AWARD OF CONTRACT
Resolution No. 81-53

Synopsis: Awarding of contract for French Field House, Renovation of Running Track is recommended.

WHEREAS The Ohio State University Purchasing Department solicited bids for the following project which were received and opened on August 11, 1980.

FRENCH FIELD HOUSE, RENOVATION OF RUNNING TRACK

Description: Renovation of 200 meter track surface by placing new material over present surface and painting new track lines and required metric markings.

This work has been partially funded by receipt of a gift from James D. Casto designated as the French Field House Track Fund. The receipt of the gift was reported to the Board of Trustees at the meeting held September 5, 1980.
November 7, 1980 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACT (contd)

FRENCH FIELD HOUSE, RENOVATION OF RUNNING TRACK (contd)

General Contract

Date Received: August 11, 1980
No. of Bids: 3
Low Bid: $82,500.50*
High Bid: $92,090.00
Estimate of Cost: $88,000.00
Awarded to: Clinton Asphalt Company, Wilmington, Ohio

Total Contract: $82,500.50
Funding: Donation ($50,000) and remaining funds from Athletic Revenues

*The General Contract is recommended for award to the second lowest bidder. The bid submitted by the low bidder was rejected for failure to offer proper warranty as required by specifications.

NOW THEREFORE

BE IT RESOLVED, That the report of award of contract for the French Field House, Renovation of Running Track, be approved.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, 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. 81-54

Synopsis: Contracts have been awarded for the projects enumerated 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 Administration 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 7, 1980 meeting, Board of Trustees

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

UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS, PHASE II

Description: Continuation of the rehabilitation of apron areas, provide site preparation, replace beacon light and improve access to taxiways.

General Contract

Date Received: September 30, 1980
No. of Bids: 6
Low Bid: $229,980.84*
High Bid: $277,575.87*
Estimate of Cost: $271,072.00*
Awarded to: Central Ohio Asphalt Paving, Inc., Hilliard, Ohio
Total Contract: $229,980.84
Total Contingency Allowance: $19,534.66 which is 8 per cent of construction contracts
Total Project Cost: $293,955.00
Funding: Federal Aviation Administration Grant

*Recommended alternates reflected in these figures.

ROBINSON LABORATORY, REPLACE HVAC UNIT

Description: Replace second floor HVAC unit. The existing unit is over twenty years old and is a high maintenance cost item.

Heating, Ventilating and Air Conditioning Contract

Date Received: October 16, 1980
No. of Bids: 5
Low Bid: $118,700.00
High Bid: $126,950.00
Estimate of Cost: $127,200.00
Awarded to: Julian Speer Company, Columbus, Ohio
Total Contract: $118,700.00
Total Contingency Allowance: $6,809.75 which is 6 per cent of construction contract
Total Project Cost: $132,200.00
Funding: Budget Account 210134 (Contract Repair 1980-81)
November 7, 1980 meeting, Board of Trustees

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

LARKINS HALL, EXTERIOR MASONRY REPAIRS

Description: Cut out and repair existing deteriorated masonry on the old part of the Peppe Aquatic Center of Larkins Hall.

General Contract

Date Received: September 26, 1980
No. of Bids: 1
Low Bid: $55,189.00* **
Estimate of Cost: $63,927.00*
Awarded to: Raymond E. Kelley, Inc., Bowmansville, New York

Total Contract: $55,189.00
Total Contingency Allowance: $2,273.26 which is 4 per cent of construction contract
Total Project Cost: $58,927.00
Funding: Budget Account 210134 (Contract Repair 1980-81)

*Recommended alternate reflected in these figures.

**Only one bid received on this project.

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 reported.

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

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SALE OF PROPERTY - 380 KING AVENUE

Resolution No. 81-55

Synopsis: Sale of property, 380 King Avenue, is proposed.

WHEREAS Maude Morrill Haskett by will devised to the University property located at 380 King Avenue at the termination of the life estate of Helen G. Morrill; and

WHEREAS the University purchased the remaining life estate of Helen G. Morrill on June 1, 1976; and
SALE OF PROPERTY - 380 KING AVENUE (contd)

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; and

WHEREAS a firm offer to purchase said property for $8,100 has been received from Robert E. Owens; and

WHEREAS the appropriate University departments and Robert E. Owens are in mutual agreement as to the selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell said property in the name of the Board of Trustees of The Ohio State University, on behalf of the Development Fund, the proceeds from such sale to be channeled through the Development Fund.

Mr. Redman: All I’d like to ask is what you can buy for $8,100.

Mr. Havens: 380 King Avenue.

President Enarson: The house has been demolished.

Mr. Redman: Is this unimproved real estate?

Mr. Jackson:

Yes, it’s unimproved real estate and the purchaser has agreed to build a facility which is compatible with local architecture, so we’re pleased with that.

Mr. Redman: How big a lot is it?

President Enarson: What is meant by compatible local architecture, I’d rather you’d not ask.

Mr. Redman: I’m not going to ask that--

Dr. Jacob: It’s got an MAI appraisal of $6,000 on it, but it’s a year old.

Mr. Havens: There’s a lot description back there, but it doesn’t show the size.

Dr. Vandament: It’s a standard city lot there.

Mr. Redman: I was born and raised in that square.

Mr. Jackson: It’s a corner lot; it’s a rather deep lot; it’s not very wide.

Mr. Redman: Thank you.

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

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Synopsis: Renewals of two easements to Columbia Gas of Ohio, Inc., are proposed.

WHEREAS Columbia Gas of Ohio, Inc., has requested renewal of a 15-year easement for a 4-inch gas line and regulating station from a location on Kenny Road near Ackerman Road to the University Service Center located at 2578 Kenny Road; and

WHEREAS Columbia Gas of Ohio, Inc., has requested renewal of a 15-year easement for a 12-inch gas line and regulating station from a location on Ackerman Road, west of Olentangy River Road to a meter location on Olentangy River Road south of Lane Avenue, then east and south to the University's Power Plant located at 2003 Millikin Road; and

WHEREAS said easements were initially granted on October 21, 1965; and

WHEREAS said easements will expire on October 20, 1980; and

WHEREAS said easements are essential to the continued operation of the University; and

WHEREAS said easements will be granted for $1 each, as the installation and renewal thereof facilitate only The Ohio State University; and

WHEREAS the appropriate University agencies have recommended that said easements be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of the Department of Administrative Services, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the two 15-year easements hereinbefore described.

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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LETTER OF INTENT--RADIATION THERAPY SERVICES
Resolution No. 81-57

Synopsis: Letter of Intent to the Director of the Ohio Department of Health for Radiation Therapy Services is requested to be approved.

WHEREAS pursuant to rule 3335-93-02 of the Administrative Code, the University Hospitals Board has recommended the approval of the intent of the Hospitals to submit a Certificate of Need for the expansion of the Radiation Therapy Services:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the University Hospitals Board the Letter of Intent for Radiation Therapy Services be approved.

Upon motion of Mrs. James, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
November 3, 1980

John H. Ackerman, M.D., M.P.H.
Director
Ohio Department of Health
P. O. Box 118
Columbus, Ohio 43216

Attention: Certificate of Need

Dear Dr. Ackerman:

This is a Letter of Intent submitted in accordance with the Ohio Administrative Code, Chapter 3701-8. The sponsor is The Ohio State University Hospitals, 410 West Tenth Avenue, Columbus, Ohio 43210. The Hospitals is a department of The Ohio State University, an agency of the State of Ohio.

The purpose of this letter is to inform you of the intent of the Hospitals to submit a Certificate of Need for the expansion and upgrading, including the purchase of equipment, of the Hospitals' existing on-site Radiation Oncology (radiation therapy) service. It is expected that the project will result in the net increase of one megavoltage radiation therapy unit. The new construction is projected to add approximately 16,000 square feet to the Radiation Oncology service.

The total project cost is estimated at not more than $9,000,000 of which an estimated $400,000 will be for predevelopment expenditures. The earliest anticipated date of submission of the application is January, 1981.

The Radiation Oncology service at the Hospitals was established in 1961. The present facilities are now outdated and inadequate for the volume and scope of services provided. Accordingly, we have been planning for an expansion and upgrading of this area since 1974. As you know, the pending Capital Appropriations Bill contains an item which, when the Bill is passed, will provide funding for this project.

Sincerely,

Henry G. Cramblett, M.D.
Vice President

cc: Gordon M. Labuhn, Mid-Ohio Health Planning Federation

HGC:jcs
November 7, 1980 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 81-58

RESOLVED, That the report on the University's Investment Portfolio, dated October 17, 1980, 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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COMMENTS BY PRESIDENT HAROLD L. ENARSON

Mr. Chairman and Members of the Board, for the benefit of those Board members who were not here this morning, we did hear a report from Dr. Vandament with respect to the physical master plan. It was a report which tried to portray, perhaps in oversimplified fashion, the growing need for additional dollars for utilities and renovation and for our work on an aging physical campus. I thought it was a very illuminating overall perspective.

We also had a report from Dr. Vandament and Dr. Loucks, the assistant director of registration services, on the first quarter enrollment breakdown by types and categories, and we also had a report on OSU student characteristics. We'll see that each of you get copies of both of these handouts in the event that you do not have it. I am tempted to say also that with respect to OSU student characteristics, as far as I can tell, they seem generally happy. It's hard to believe that we are already almost half through the first quarter. I think things are going, on the whole, rather well. As you know, we live under enrollment ceilings imposed by the General Assembly. We do not quarrel with those ceilings; we feel honor-bound by law and in good conscience to abide by those ceilings. We work extremely hard at the process, and when we go over with respect to enrollment, it's not by design, it's because nobody can prophesy precisely how many students of those applying will actually attend, and certainly we can't predict how many of those now enrolled or enrolled last year will return. It's a measure of the size and impact of this University that the growth in any one year such as this may be in excess of the size of the typical liberal arts college. It's all a bit awesome. I have nothing else to report; I would simply hope that all of you will be in the homecoming parade tonight and will help celebrate very quietly the victory over Michigan.

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Thereupon the Board adjourned to meet Thursday, December 11, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 12, 1980
Recipients of Honors

Mary Rosamond Haas
Internationally recognized linguistics scholar, Mary Rosamond Haas is acknowledged as the leading senior figure in the study of native American languages. Her work and that of her students comprise the largest and most significant body of research on American Indian languages in the last 40 years. Her meticulous studies of the Thai and American Indian languages and cultures stand as scholarly landmarks. She has opened the way to new understandings of language and culture throughout the world. The Ohio State University is privileged to honor Mary Rosamond Haas for her long and illustrious career as research scholar, teacher, and author, and for her many contributions to knowledge.

Frederick G. Kilgour
Widely recognized innovator in the field of library science, Frederick G. Kilgour has won international acclaim for his leadership in applying computer technology to libraries. He is the principal architect of OCLC, Incorporated, a computer-based network that had its beginnings at this University. Today OCLC links more than 2,000 libraries in the United States and Canada. Soon the network will include major libraries in Europe. As a direct result of his unique contributions to information management, libraries now enjoy significant new economies and services. In testimony to the scholarly commitment that has marked his distinguished career, information is being placed at the service of people in new and imaginative ways.

J. W. Peltason
First as teacher and scholar in political science, then as academic administrator in major universities, and now as president of the American Council on Education, J. W. Peltason has served higher education with unique dedication and distinction. As chancellor of the University of Illinois during a decade of unrest and change, he demonstrated the sensitivity and strength that mark the gifted leader. Now, as the leading spokesman for higher education in Washington, he represents the academy with energy, wisdom, and, above all, with great vision. The Ohio State University is privileged to honor J. W. Peltason for his many contributions as an academic statesman of the highest order.

Howard Rosen
Almost single-handedly, Howard Rosen has advanced the frontier of human resource research. During the past 15 years, he has opened the way for American universities to study the development and utilization of human resources. He has nurtured a scholarly community to conduct such research and has used its findings to shape national policy. During his long and distinguished career with the Department of Labor, he has exemplified the highest traditions of public service. Under his creative leadership, government and the academy have worked in partnership and have forged a new understanding of the American labor force as a unique resource essential to the national well-being.
Distinguished Service Award

C. Joseph DeLor

Distinguished medical educator, physicians' physician, C. Joseph DeLor served this University for more than 40 years with singular dedication and devotion. His concern for the care of the whole person and his ability to impart this concern to his students reflect his unique gifts as physician and teacher. An outstanding citizen of this academic community, he repeatedly undertook major teaching and administrative assignments for the advancement of medical education and patient care. Through the thousands of practicing physicians who were his students and through his many contributions to this University, the life and good work of C. Joseph De Lor continue as a vital force in education and the healing arts.

T. Scott Sutton

Outstanding scientist, respected teacher, dedicated administrator, T. Scott Sutton served this University for 38 years—as faculty member, department chairman, associate dean of the College of Agriculture and Home Economics, and as assistant director of the Ohio Agricultural Research and Development Center. He is recognized nationally for his early work on vitamin A and his research in animal nutrition. With great distinction, he served in Ohio State's program overseas and laid the groundwork for the development of three agricultural universities in India. His commitment to scholarship and service exemplifies the land-grant ideal in its highest form. His long and distinguished career remains an enduring example to all who follow academic pursuits.
The Graduate School

Dean: Jules B. LaFidus

Doctor of Musical Arts

John Wesley Golightly, Orangevalle, Calif.; B.S., M.S. (Hardin-Simmons University); M.Mf. (Texas Christian University); Music; Dr. Sylvia A. Zaremba

Trencilla Marie Sabatino, Windgap, Pa.; B.B.A. (Pennsylvania State University); Music; Dr. Mario R. Ateh

Doctor of Philosophy

Dulce Maria de Acosta, Valencia, Venezuela; B.B.A. (University of Caracas); M.A., Ph.D. (University of Pittsburgh); M.Ed. (University of Missouri); M.A.; Educational Psychology; Dr. Roy A. Larmee

Ronald Harrison Dougherty, Columbus; B.A.; (Bowling Green State University); M.A.; Political Science; Dr. John Cepmiln

Susan Weber Dygert, Worthington; B.A. (Miami University); B.S. (University College at Oswego); Education; Dr. Willis E. Ray

Barry Alan Eisenberg, San Luis Obispo, Calif.; B.S. (California Polytechnic State University); M.S.; Horticulture; Dr. George L. Steby

Richard Allen Ellis, New Philadelphia; B.S., M.S.; Education; Dr. Robert Howe

Myrna Lois Friedlander, Albany, N.Y.; B.A. (Case Western Reserve University); M.A.; (Brown University); Education; Dr. Joseph A. Quinlan, Jr.

Barbara Jane Banks, Miami, Fla.; B.A. (University of Southern Florida); Communication; Dr. William R. Brown

Cecilia Rose Barron, Columbus; B.S.N. (Georgetown University); M.Ed. (Columbia University); Psychology; Dr. Henry R. Angelino

Susan Gordon Blough, Columbus; B.S. (University of Wisconsin); M.A. (Case Western Reserve); Education; Dr. Anthony C. Riccio

Robin Sue Bohme, Rose Bay, Australia; Diploma in Music Educ. (Alexander Mackie College); M.A.; Music; Dr. Jerry Louder

Rosemary Bolig, Columbus; B.S. (Pennsylvania State University); M.Ed.; Education; Dr. Charles Wolfgang

Harold Kent Brown, Ft. Lauderdale, Fla.; B.S.E.F. (Florida Institute of Technology); M.S.; Electrical Engineering; Dr. Martin O. Thurston

Alexander Andrew Carey, Falls Church, Va.; B.S. (University of Notre Dame); M.S.; Chemistry; Dr. Eugene P. Schein

James Roland Carter, West Hemstead, N.Y.; B.S.; Philosophy; Dr. Virgil G. Howes, Jr.

Ralph Gordon Charles Carter, III, Wichita Falls, Tex.; B.A. (Midwestern University); M.A.; Political Science; Dr. Charles F. Hermann

Yueting Chou, Taipei, Taiwan, R.O.C.; B.S. (National Cheng Kung University); Chemistry; Dr. Jack Hwee

Samuel Greg Covault, Worthington; B.S. (Miami University); M.A.; Physical Education; Dr. Donald K. Matthews

Kathleen Susan Cox, San Bruno, Calif.; B.A., M.A. (University of California); Education; Dr. Gilbert A. Arrias

Steven Ray Cox, Raytown, Mo.; B.S. (University of Missouri); M.S.; Pharmacy; Dr. Alfred E. Sttauus

Donald Richard Darrow, Cedar Falls, Ia.; B.A. (Iowa State Teachers College); M.A.Ed. (State College of Iowa); Education; Dr. Willis E. Ray

Carlos Humberto Del Campo, Valdivia, Chile; Medicio Veterinario (Universidad de Chile); Veterinary Anatomy; Dr. Bettina G. Anderson

Ronald Teason Donoghue, Columbus; B.S.; (Bowling Green State University); M.A.; Political Science; Dr. John Cepmiln

Allen Joseph Dybas, Liverpool, N.Y.; B.S. (State University College at Oswego); Education; Dr. Willis E. Ray

Donald D. Dyck, Columbus; A.B., M.A.T. (Indiana University); Education; Dr. Donald P. Sanders

Catherine Weber Dygert, Worthington; B.A. (Michigan State University); M.A.; Education; Dr. Joseph A. Quinlan, Jr.

Charles Marx Edsdelg, Providence, R.I.; B.A.; M.A.T. (Brown University); Education; Dr. Donald R. Baten

Myrna Lois Friedlander, Albany, N.Y.; B.A. (Case Western Reserve University); M.A.; (Brown University); Education; Dr. Joseph A. Quinlan, Jr.

Richard Allen Ellis, New Philadelphia; B.S., M.S.; Education; Dr. Robert Howe

Myrna Lois Friedlander, Albany, N.Y.; B.A. (Case Western Reserve University); M.A.; (Brown University); Education; Dr. Joseph A. Quinlan, Jr.

Kenneth Harding Funk, II, Mansfield; B.A. (Taylor University); M.S.; Industrial and Systems Engineering; Dr. Richard A. Miller

Vicki Ann Funk, Owensboro, Ky.; B.S., M.A. (Murray State University); Botany; Dr. Ted F. Staneys

Gonzalo Garcia, Jr., San Antonio, Tex.; B.A. (University of Texas); M.A.; Education; Dr. Aaron J. Miller

Patricia Irene Gilbert, Fairborn; B.A. (Miami University); M.Ed. (Wright State University); Education; Dr. Victor M. Rentel

Alfred Joseph Girodri, Jr., Harrisbush, Pa.; B.S., M.Ed. (Shippensburg State College); Education; Dr. Charles Galloway

Philip William Glapso, Loudonville; B.S. (Ohio University); M.A.; Business Administration; Dr. David W. Cole

Kent Russell Glaus, Mogadore; B.S. (Kent State University); M.S.; Genetics; Dr. Philip S. Perelman

M. Ellen Huffman Goldsberry, Athens; B.S. (Wayne State University); M.S. (Ohio University); Home Economics; Dr. Lois E. Dickey

Judith Ann Golcer, Sault Ste. Marie, Ontario, Canada; B.A., M.A. (University of Western Ontario); Sociology; Dr. Enrico L. Quarantelli

Marilyn L. Grady, Columbus; B.A. (Saint Mary's College); M.S. (Eastern Illinois University); Education; Dr. Virgil E. Blanke

Patricia Ann Greiner, Mount Jay, Pa.; B.A. (University of Delaware); M.A.; English; Dr. Mark S. Awbourn

June Irene Hahn, Plain City; B.S. (University of Missouri); M.A.; Psychology; Dr. Marc J. Jones

Muhammad Abdul Hannan, Dacca, Bangladesh; M.S. (University of Notre Dame); M.Sc. (University of Dacca); Agronomy; Dr. Trevor G. Arscott

Mark D. Harbaugh, Rice Landing, Pa.; B.S. (California State College-Pasadena); M.Ed. (North Carolina State University); Comprehensive Vocational Education; Dr. Dewey A. Adam

Seryl Jeanne Hays, Prairie Village, Kana.; B.A. (University of Kansas); M.S.; Physics; Dr. James C. Garland

Robert James Higgins, Auburn, Ala.; B.S. (University of Queensland); Veterinary Pathology; Dr. Adalbert Koestner

David John Hildreth, Delhi, N. Y.; B.S. (Ohio University); Education; Dr. Alan R. Osborn

Alexander Hinko, Scranton, Pa.; B.S. (Pennsylvania State University); M.S.; Environmental Biology; Dr. Sheldon Lustick

Robert Lee Houston, Heath; B.S. (Purdue University); M.S.; Mechanical Engineering; Dr. Deppa A. Korpela

William Frederick Hoyt, Columbus; B.A., M.C.P.; Geography; Dr. Lawrence A. Brown

Jim Egbe Igbinedion, Benin City, Nigeria; B.Sc. (University of Ifada); Animal Science; Dr. Yern B. Cahill

Joyce Karen Illfelder, Dumont, N.J.; A.B. (Cornell University); M.A.; Psychology; Dr. Samuel H. Onipow

Ibrahim Ahmed Ismail, Camden, Wis.; B.A. (University of Notre Dame); M.S.; Electrical Engineering; Dr. Miles R. Chedoke

Thomas Wesley Johnson, Fairborn; B.S.Elec.Eng., B.S.Mec.Eng., M.S.Elec.Eng. (Massachusetts Institute of Technology); Electrical Engineering; Dr. David L. Moffatt

Margot Kaelbing, Federal Republic of Germany; B.S., M.S.; Genetics;
Jeffrey Joseph Karrenbauer, Canton; B.S.A. (University of Notre Dame); M.A.; Business Administration; Dr. Bernard J. LaLonde

Tae Jung Kim, Yonkers, N. Y.; B.S.; M.S. (Seoul National University); Education; Dr. Gary A. Thiele

Duane M. Kirking, Lodie, Wis.; B.S. (University of Wisconsin); M.A.; Pharmacy; Dr. T. Donn, D'Archer

Sarah Aplin Bowland Koscis, Columbus; B.A. (Ohio Wesleyan University); M.A.; Psychology; Dr. Philip M. Clark

Maureen Therese Krause, Chicago, Ill.; B.A. (Northwestern University); M.A.; Germer; Dr. Gisela M. Tak Wai Leung, Hong Kong; B.A. (Northwestern University); M.A.; Chemistry; Dr. Andrew Woicicki

Paul E. Kreier, Riverside, Calif.; B.S. (University of California); Chemistry; Dr. William E. Ray

Dah-Yang Kwan, Kowloon, Hong Kong; B.S. (National Central University); M.A.; Mathematics; Dr. Charles A. Elmer

James Edward LaPorte, The Dalles, Ore.; B.S., M.Ed. (Montana State College); Education; Dr. Willis E. Aplin

Bon Soon Lee, Seoul, Korea; B.S. (Seoul National University); M.S.; Metallurgical Engineering; Dr. Robert A. Rapp

Tak Wai Leung, Hong Kong; B.S. (University of Texas, Arlington); B.S.; Chemical Engineering; Dr. Andrew Woicicki

Fei-Kee Lin, Taipei, Taiwan; B.S. (Tsing Hua University); M.S.; Mathematics; Dr. William J. Davis

Nigel Stuart Leckey, Toronto, Ontario, Canada; B.S. (York University); M.S.; Physics; Dr. Thomas A. Romanowski

Jane Ramsey Logan, Richmond, Va.; B.S. (Indiana University of Pennsylvania); M.S. (Ohio University); Home Economics; Dr. Robert M. Hubbard

Christopher Dunbar Lorish, Columbus; B.A. (Ohio Wesleyan University); M.A.; Education; Dr. John Hough

Mary McDonald Makay, Columbus; B.A. (Western Michigan College); M.S. (Purdue University); Education; Dr. Joseph J. Savarino, Jr.

Vera Maletić, Columbus; Diploma, Certificate (University of Zagreb); Interdisciplinary: Physical Education, Dance, Art Education, Psychology, Communication; Dr. Seymour Kleinman

Jonpaul Rogers Martin, Levittsburg; B.A., M.A.; Psychology; Dr. Neil F. Johnson

Jane Mayo-Chamberlain, Columbus; A.B. (Mount Holyoke College); M.A.; Education; Dr. Robert R. Bargar

Michael Jay Meldrum, Pocatello, Idaho; B.A. (Weber State College); M.S. (Idaho State University); Pharmacy; Dr. Michael C. Gerald

Christine Marie Mitchell, Cleveland Heights; B.A. (University of Dayton); M.S. (John Carroll University); Industrial and Systems Engineering; Dr. Richard A. Miller

Soheyol Moayed-Armini, Tehran, Iran; Licent (National University of Iran); Sociology; Dr. Alfred C. Clarke

Paul Edwin Moffitt; B.S., B.S.; Animal Sciences; Dr. George R. Wilson

Atef Bassili Mousa, Cairo, Egypt; B.Civ.Eng. (Cairo University); B.Sc. (Ain Shams University); Civil Engineering; Dr. Alfred G. Bishara

Mostafa Kamel Hussein Nourie, Rio de Janeiro, Brazil; B.S. (Alexandria University); M.S. (Institute of Space Research); Agronomy; Dr. George F. Hall

Timothy Lee Ngyere, Parnam; B.A.; Geography; Dr. Harold J. Moorelling

Nicholas John O'Donnell, Buffalo, N. Y.; B.S. (State University of New York at Buffalo); Pathology; Dr. John A. Tomasi

Janice Owens-Lane, Philadelphia, Pa.; B.A. (Wellesley College); M.S.W. (University of Pittsburgh); Psychology; Dr. Andrew L. Schuebel

Kees Yang Park, Pusan, Korea; B.E. (Hanyang University); Chemical Engineering; Dr. Robert S. Brody

Michael Paschalidis, Agios Anargyroi, Athens, Greece; Psychion (National University of Athens); Laureus in Letters (University of Bologna); Classez; Dr. Mark P. O. Morford

Marianne Leeon Pattan, Salem; B.A. (College of Saint Mary of the Springs); M.A.; Psychology; Dr. Samuel I. Osipow

Donald Burrell Paul, Dayton; B.S. (Michigan State University); M.S. (University of Southern California); Mechanical Engineering; Dr. Lila S. Hora

Patricia Likert Pohman, Columbus; A.B. (University of Michigan); M.A.; Psychology; Dr. Bruce Walsh

William James Polinski, Lakewood; B.S., M.S. (Ohio University); Physiology; Dr. Jack A. Rull

Jackie Lee Pritchard, Kastlake; B.A. (University of Oregon); M.A.; Anthropology; Dr. Frank E. Poirier

Richard Theodore Prausnak, Wyckoff, N.J.; B.S. (Iowa State University); M.S.; Chemistry; Dr. Richard L. McCreery

Carol Anne Rutlidge-Quinter, Columbus; B.S., M.S.; Medical Microbiology; Dr. Robert L. Perkins

Marilyn Davis Reed, Columbus; B.F.A., M.A.; Education; Dr. Charlotte S. Hues

Mary Ann Ruffing, Norwalk; A.B. (Mary Mount College); M.A. (Western Reserve University); M.S.N.; (Catholic University of America); Sociology; Dr. Wen Lam Li

Gloria Ann Regalbuto Ruth, Euclid; A.B., M.A. (Ohio University); Communication; Dr. Victor D. Wall

Rickie Sanders, College Park, Ga.; B.S. (Southern University); M.S. (Tulane University); Geography; Dr. Long Ave. A. Brown

Paul Schlachter, Montgomery, W. Va.; B.A. (Long Island University); M.Ed. (Boston University); Education; Dr. Arthur G. Ballance

Thomas Arthur Schnitkns, Lorain; B.S. (Calvin College); M.S.; Chemistry; Dr. Sheldon G. Shore

Marlene Schrage Shaw, Akron; B.A. (University of Wisconsin); M.A. (University of Akron); Economics; Dr. William R. Oakland

Keith Alan Shubert, Columbus; B.S., M.S.; Electrical Engineering; Dr. Benedikt A. Munk

Ivan Sergio Freire de Sousa, Brasilia, Brazil; B.S. (Pontificia Universidade Catolica de Sao Paulo); M.A. (University of Sao Paulo); Agricultural Economics and Rural Sociology; Dr. William L. Fink

Ute Shepherd St. Clair, Ontoena, N.Y.; B.A., M.A.; Philosophy; Dr. George S. Pappas

Carolyn McGrevey Stephenson, Hamilton, N. Y.; A.B. (Mount Holyoke College); M.A.; Political Science; Dr. Chadwick F. Alger

Emmanouel Mous Stephenson, Mountclair, N.J.; A.B. (Florida Agricultural and Mechanical University); M.A. (Jersey City State College); Education; Dr. W. Frederick Staub

Luan Wagner Stewart, Columbus; M.S.; Home Economics; Dr. Allen Hock

Robert Peter Stone, Columbus; B.S. (Purdue University); M.S.; M.S.; Agricultural Economics and Rural Sociology; Dr. Donald W. Laren

James D. Studer, Delaware; B.S. (Delance College); M.A. (Bowling Green State University); Education; Dr. Ray A. Larson

Andrew Charles Taggart, Victoria, Australia; H.D.T.S. (State College of Victoria); B.Ed. (University of West Australia); M.A. (Physical Education); Dr. Daryl L. Siedentopf

Tatshesia Tamaki, Jabcetibasi, Sao Paulo, Brazil; Agronomist, M.S. (Universidad de Sao Paulo); Agricultural Economics and Rural Sociology; Dr. Donald W. Laren

Chantvoori Thatchitavras, Bangkok, Thailand; B.Eng. (Chulalongkorn University); M.S.; Metallurgical Engineering; Dr. R. A. Rapp

John Andrew Tarney, Jr., Middletown, N. J.; B.A. (College of the Holy Cross); M.A. (Montclair State College); Education; Dr. Joseph J. Quaranta, Jr.
Ramam Chittkara Tejwani, New Delhi, India; B.S. (New Delhi University); M.S. (All India Institute of Medical Sciences); 
Physiological Chemistry; Dr. George E. Millo

Arlene Thompson, Pittsburgh, Pa.; B.S., M.S. (University of Pittsburgh); Education; Dr. Joseph J. Quarranta, Jr.

Cbi-Sing Daniel Tse, Hong Kong, R.O.C.; B.S. (Cheng Kung University); Certificate (Kelvin Grove College); M.A.; Art Education; Dr. Kenneth A. Marantaz

Dr. M. Eugene Gilliom

Nahil William Odosen, Crossriver, Nigeria; B.A. (Ahmedu Bello University); Diploma (University of Leeds); M.A.; Art Education; Dr. Kenneth A. Marantaz

Don Eugene Unger, Fort Collins, Colo.; B.Ed. (Nebraska State Teachers College); M.A.T. (Colorado State University); Education; Dr. Roy A. Larmee

Sylvia Phillips Vance, Westerville, B.A. (Otterbein College); M.A.; Romance Languages and Literature; Dr. Charles G. S. Williams

Susanne Vaughan, Albuquerque, N.M.; B.A. (Roanoke College); Sociology; Dr. Kent P. Schwartz

Alice Wolscle Weekley, Dayton, B.F.A. (Ohio University); M.Ed. (Wright State University); Education; Dr. John O. Cooper

Peter Stephens Wilson, Brisbane, Queensland, R.A., B.Ed., M.A. (University of Queensland); Certificate (Kelvin Grove College of Teacher Education); Education; Dr. M. Eugene Gilliom

Barbara Hamman Wing, Durham, N.H.; A.B., M.A. (Middlebury College); M.A.T. (Randolf College); Education; Dr. Gilbert A. Jarvis

Jerry Jay Wright, Richmond, Ind.; B.A. (Saginaw Valley College); M.Ed. (Bowling Green State University); Physical Education; Dr. Bruce L. Bennett

Shyu-Bin Wu, Taipei, Taiwan, R.O.C.; B.S. (Cheng Kung University); M.S.; Computer and Information Science; Dr. Ming Tsan Liu

B. Gallagher, Wheatley Heights, N.Y.; B.A. (State University of New York at Stony Brook); Linguistics

Juergen Gauss, Pforzheim, West Germany; Abitur (Fritz-Erler Wirtschafts Gymnasium); English

Master of Accounting

Kuoang-Ping Chen, Taipei, R.O.C.; B.A. (National Taiwan University); Accounting

Daniel Ray Kiser, Columbus; B.S.Bus.Adm.; Accounting

David Victor Whitacre, Beverly, B.A. (Wittenburg University); Accounting

Master of Architecture

Robert Emmett Fitzgerald, Derby, Conn.; B.S. (Central Connecticut State College); Architecture

Akila Subramaniam, Madras, India; B.Arch.; Architecture

Mark Alan Vasko, Ashville; B.S.Arch., M.C.R.P.; Architecture

Master of Arts

Maria de los Angeles Agrelo, Columbus; B.S.Ed.; Education

Alice Maureen Amorese, Columbus; B.S. (Ohio Dominican College); Education

Jean Piercy Anderson, Columbus Junction, Ia.; B.A. (Iowa Wesleyan College); Education

Josephine Ammar Angelo, Columbus; B.S.Ed.; Education

Rasa Marija Ardys, Fairview, Pa.; B.S. (Indiana University); M.S. (University of Maryland); Physical Education; Dr. Mand Zwierlein

Pamela Danielle Brehm, Kettering; B.A. (Alma College); M.A.; Anthropology

Paul C. Gallagher, Wheatley Heights, N.Y.; B.A. (State University of New York at Stony Brook); Philosophy

Jennifer Ellen Burkhart, Woodfield; B.A.; Psychology

Penelope Sue Campbell, Columbus; B.S.Ed. (University of Arkansas); Accounting

Vivien O. Canora, Coba City, Philippines; B.A., M.A. (University of San Carlos); Journalism

Susan L. Celestino, Adrian, Mich.; B.A. (New Mexico State University); English

Dean Owen Chambers, Atwood, Ill.; B.S. (Southern Illinois University); Journalism

Limita Chan, Dominican Republic; B.S.Ed.; Romance Languages and Literatures

Rachel W. Christie, Mendiville, Pa.; B.A. (Allegheny College); Psychology

Mary Kaye Cochran, Westerville; B.S.Ed. (Bowling Green State University); Education

Denise Deborah Diedrich, Columbus; B.S.Ed.; Physical Education (Health Education)

Dorothy Ellen Driskell, Worthington; B.S. (Bob Jones University); Physical Education (Health Education)

Frank Louis Dias, Cleveland; B.A. (Ohio University); Anthropology

Mary S. Fais, Columbus; B.S.; Education

Russell A. Falliner, Willooughby; B.A. (Hiram College); Psychology

Joanne H. Federerspiel, Newark; B.A. (Winthrop College); Education

Jeanette Lynn Ferkel, Clyde; B.S. (Bob Jones University); Music

Elaine Marie Flinn, Cincinnati; B.S.; Physical Education

Ann Forer Fish, Columbus; B.S.Ed.; Education

Pamela Jo Fisher, Greenville; B.S.Ed.; Education

Lois Kern Forsythe, Coshocton; B.S; (Muskingum College); Education

Richard Arlin Forsythe, Coshocton; B.S. (Muskingum College); B.S.Ed.; Education

Jean Ann Fox, Columbus; B.A. (Alma College); Psychology

Martin C. L. Frank, Fairborn; B.A.; Physical Education

Adrienne Marie Freeman, Columbus; B.S.; Education

Daiwo Fu, Taipei, Taiwan, R.O.C.; B.Sc. (Ching-Hua University); Philosophy

Paul B. Gallagher, Wheatley Heights, N.Y.; B.A. (State University of New York at Stony Brook); Linguistics

Samuel R. Gau, Qingdao, People's Republic of China; B.A. (Shanghai Normal University); Psychology
John David Given, Columbus; B.S.; Education

William Aloysius Glavin, Jr., Arlington, Va.; B.A. (Georgetown University); Physical Education

Koichi Goshima, Nagoya, Japan; B.A. (Nanzan University); Communication

Patricia B. Graves, Amanda; B.S. (Western Michigan University); Education

Lewis H. Gray, McConnellsville; B.S.Ed. (Otterbein College); Education

Laura Beth Greenfield, Seafield, N. Y.; B.A. (State University College at Fredonia); Interdisciplinary: Communication, Photography and Cinema and Theatrical

Linda Lee Gregg, Mansfield; B.S. (Miami University); Education

Owen Joseph Hagovery, Columbus; B.A.; Anthropology

Sandra Kay Haines, Marysville, B.S. (Bowling Green State University); M.S.; Physical Education

Clarice J. Harding, Mansfield; B.A. (Michigan State University); Education

Richard Allen Hartkainen, Erie, Pa.; B.A. (Taylor University); Physical Education

Jeffrey D. Helm, Columbus; B.S. (Bowling Green State University); M.Div. (Grace Theological Seminary); Economics

Molly Jane Holycross, Columbus; B.S.Ed.; Education

Deborah B. Houser, Columbus; B.S.Ed.; Education

Babette C. A. Hunter, Delaware; B.S. (Central State University); Education

Thomas Harold Huss, Toledo; B.S.Ed.; Education

Linda Kaye Hussey, Baltimore, Md.; B.A. (University of Maryland); Anthropology

Kirk Carlton Hynd, Huntington Beach, Calif.; A.B. (University of California at Los Angeles); Linguistics

Francis A. Iannacino, Columbus; B.A. (Capital University); Education

Minabere Ibelema, Bonny, Rivers, Nigeria; B.A. (Wilberforce University); Communication

Doris J. James, Beatrice, Ala.; B.A. (Talladega College); M.C.R.P.; Public Administration

Sherri Robin Janousky, Dux Hills, N. Y.; B.S. (Brookport State College); Physical Education

Elizabeth Chung-Mei Jen, Taipei, Taiwan, R.O.C.; B.A.; Education

Maria de los Angeles Jiménez, San Jose, Costa Rica; Licenciada en Educación (Universidad de Costa Rica); Education

Julia Gamble Kahl, Columbus, B.A. (Radcliffe College); Photography and Cinema

Jane Marie Kelley, Dayton; B.S.Ed.; Education

Renée M. Koenen, Worthington; B.S. (University of Cincinnati); Education

John Peter Kilcher, Columbus; B.S. (Southern Illinois University); Economics

Barbara Darragh Knox, Worthington; B.A.; Communication

Tae Soon Kwak, Koryung, Kyungbok, Korea; Bachelor of Commerce (National University); Economics

Robert Larrman, Columbus; B.S.Ed.; Education

Joel Richard Laser, Akron; B.A.; Physical Education

Charles Murray Little, Columbus; B.A.; English

Thama June Logan, Evanston, Ill.; B.A. (Shaw University); Black Studies

Melvin Charles Long, Massillon; B.A.; Education

Daryl Jean Maser, Donora, Pa.; B.A. (Morehead State University); M.A.; Music

Eileen Lewis McCartney, Youngstown; B.A., M.S. (Youngstown State University); Education

Sanne McClung, Marion; B.A.; Journalism

Kenton Ray McCollum, Columbus; B.A. (Scarritt College); Education

Joy Ellen McGaw, Alexandria; B.A.; Communication

Nancy Ellen Spitzer McKay, Marysville; B.A.; Education

Mary Lou Hammond McKern, Columbus; B.S.Ed. (Otterbein College); Education

William Ian McKenzie, Windsor, Ontario, Canada; B.S.; Physical Education

David Merves, Lorain; B.A.; Journalism

Maureen Tewey Middaugh, Ithaca, N. Y.; B.A.; Education

Elmer Miller, Columbus; B.S.; Education

Joseph Walter Missbach, Oyster Bay, N. Y.; B.A. (University of Notre Dame); Psychology

Mark Franklin Morsa, Columbus; B.A. (Pepperdine University); Economics

Dan Alan Moser, Saugerties, N. Y.; B.A. (Union College); Journalism

Mary Louise Mowrey, Granville; B.F.A. (Ohio Wesleyan University); Education

Jean Sherman Muste, Columbus; A.B. (Connecticut College); Physical Education

Albert R. Neff, Columbus; B.S.; Education

Jane Rakay Nelson, Columbus; B.S.Ed.; Education

Elizabeth Ellen New, Arlington, Va.; B.M. (Miami University); Music

Kevin Bruce Olson, Ashland; B.S.; Physical Education

Ida Addolorata Patecas, Columbus; B.S.; Education

Alexander Paul, Abbeville, S. C.; B.A. (South Carolina State College); History

Randall W. Pfeiffer, Columbus; B.A. (Capital University); Education

Deborah Christine Bowman Powell, Miami, Fla.; B.A. (Clark College); Psychology

Dennis Hal Powers, Columbus; B.S. (Saint Joseph's College); Public Administration

Valli Renee Prall, Waverly; M.S. (Miami University); Physical Education

Sheinaf Rafaeli, Haifa, Israel; B.A. (Haifa University); Journalism

Sharon Kay Reece, Mansfield; Education

Joyce Blake Reiber, Columbus; B.S.Ed.; Education

José Américo Ribeiro, Belo Horizonte, Brazil; B.A. (Faculdade de Filosofia, Ciencias e Letras de Belo Horizonte); Photography and Cinema

Debora Anne Ridgeway, Rancho Palos Verdes, Calif.; B.A. (University of California at Santa Barbara); History of Art

Judith Ann Root, Columbus; B.A., J.D., M.A. (University of Toronto); English

Jo Anne Rumple, Dayton; A.B.; (University of Georgetown); Communication

Kent Douglas Russell, Timonium, Md.; B.S. (Ohio University); Physical Education

Daniel Robert Sanders, Grand Blanc, Mich.; B.A. (Michigan State University); Public Administration

Donna Ruth Schimling, Parma; B.S. (Bowling Green State University); Education

Arnold Schneider, South Euclid; B.S. (Case Western Reserve University)

Sheila Lorraine Scott, Willingboro, N. J.; B.S. (Trenton State College); Physical Education

Susan Jane Secret, Columbus, B.S.Ed.; Education

Cathy Beth Simonos, Middletown; B.A. (Ohio University); Physical Education

Rachel Slyper, Tel Aviv, Israel; B.A. (Tel Aviv University); Education

Lauren S. Smith, Bexley; B.S.Ed.; Photography and Cinema

Lori Ann Smith, Milwaukee, Wis.; B.A. (University of Wisconsin at Milwaukee); Economics

Michael Clemens Stanley, Columbus; B.S.; Education

Robert Benjamin Stevenson, III, Columbus; B.S. (University of Miami); D.D.S.; Journalism

Donald Lamont Stewart, Delmar, Md.; B.A.Mus.Ed.; Music

Sandra Fabel Stewart, Fostoria; B.A. (University of Minnesota); Education
Jin He Sung, Seoul, Korea; B.M. (EWWHa
Womens University); Music
Clareberry Grosskopf Swarthout, Imlay
City, Mich.; B.S.; Education
Linda Darnell Syndor, Kenbridge, Va.;
B.S.W. (Norfolk State University); Public
Administration
Barbara L. Tennenbaum, Cincinnati; B.S.
(University of Cincinnati); Education
Donald Wayne Thacker, Jr., Columbus;
B.S.Ed.; Education
Angelo Constantine Thrassos, Athens,
Greece; LL.B. (College of Law, Greece); M.A.; Education
Annie Doris Thomas, Thomasville, Ga.;
B.A. (Knoxville College); Psychology
Billie L. Thomas, Columbus; B.A. (Cedarville College); Physical Education (Health Education)
Derrick G. Thorp, London, England; B.A. (Oxford University); Black Studies
Rosalyn Dawn Tobias, Columbus; B.S. (Malone College); Education
Janethel Tookes, Madison, Fla.; B.S. (Bethune-Cookman College); Physical Education
Steven L. Trulaska, St. Louis, Mo.; B.A. (DePauw University); Physical Education
David Mark Van De Voort, Plainfield, III.; B.S. (Illinois State University); Psychology
Timothy Joseph Von Kennel, Chillicothe; Bachelor of Liberal Studies (Bowling Green State University); Public Administration
James Scott Washabaugh, Chambersburg, Pa.; B.S.Ed. (Lock Haven State College); Physical Education
Vicky Lynn Weaver, Cincinnati; A.B. (Xavier University); Romance Languages and Literatures
Mary Elizabeth Whitcomb, Columbus; B.S.Ed.; Education
Lanet Rae Willis, Hampton, Va.; B.S. (Virginia Union University); Education
Cynthia Rockey Zengler, Toronto; B.A. (Ohio Dominican College); Education
Paul Harold Zietlow, Columbus; B.A. (Capital University); Communication
James Richard Zimmerman, Columbus; A.B. (University of Michigan); English

Master of Business Administration
Donald S. Bachourou, Rocky River; B.A. (Baldwin-Wallace College); Business Administration
Brooke Ann Bartheims, Columbus; B.S.Ed. (Miami University); Business Administration
Stephen Ronald Bednar, Campbell; B.B.A. (Youngstown State University); Business Administration
Shelley Adrian Biss, Centerville; B.S. (University of Missouri); Business Administration
Clarence Walter Bower, Jr., Columbus; B.A.; Business Administration
Philip W. Coit, Columbus; B.A. (University of Massachusetts); M.A.; Business Administration
Tanya C. Currie, Jackson, Minn.; B.S. (Jackson State University); Business Administration
Steven Y. Duncan, Munroe, Ind.; B.S. (Indiana University); Business Administration
Curtis Grey Fields, Jr., Lexington; B.S.Bus.Adm.; Business Administration
William R. Fritz, Berea; B.S.Bus.Adm.; Business Administration
Mark Winston Harberger, Jackson; B.A.; Business Administration
Ronald Joseph Harkins, Worthington; B.S.Bus.Adm.; Business Administration
John Heinl, Youngstown; B.S. (Youngstown State University); Business Administration
Thomas Arthur Hoyt, Conneaut; B.A. (Bowling Green State University); Business Administration
Richard Emory Jacobs, Lakewood; B.S.Bus.Adm., J.D.; Business Administration
David Clark King, Worthington; B.S.; Business Administration
Diane Lavonne King, Oak Hill; Bachelor of Business Administration (Ohio University); Business Administration
Guinette Marie Kirk, Dayton; B.S. (Howard University); Business Administration
Kevin Dean Knoef, Dayton; B.S.; Business Administration
Thomas James Krawczyk, Parma; B.S.Bus.Adm.; Business Administration
Scott M. Krieg, South Amherst; B.S.; Business Administration
Linda Jo Kromser, Chagrin Falls; B.A. (Marietta College); Business Administration
Marianne Ellen LaRocco, Parma; B.A.; Business Administration
Sydney G. Long, Delaware; B.A. (University of Arizona); Business Administration
Charles T. Millberg, Granville; Bachelor of Electrical Engineering (Cleveland State University); Business Administration
David Bryan Mitchell, II, Beley; B.A.; Business Administration
Michael James Munach, Columbus; B.A., M.A.; Business Administration
Gary Paul Overdorf, Zanesville; B.S. (Purdue University); Business Administration
David Benjamin Perry, Columbus; B.S. (Delaware Valley College of Science and Agriculture); Business Administration
Stephen Wallace Pruitt, Speedway, Ind.; B.S. (Purdue University); Business Administration
Robert P. Remond, Jr., Columbus; B.S.; Business Administration
Warren Robert Schrizeringer, Chillicothe; R.A. (The College of Wooster); Business Administration
Michael James Schultz, Grove City; B.A.; Business Administration
Claudia Lynn Sheftel, Great Falls, Va.; B.S. (Virginia Polytechnic Institute); Business Administration
William T. Wendorf, Euclid; B.S.; Business Administration
Douglas Lowell Witwer, Dayton; B.S.; Business Administration
Colleen Elizabeth Young, B.A. (Miami University); Business Administration
Howard P. Zitman, Springfield; B.A. (Macalester College); Business Administration

Master of City and Regional Planning
Rana Ahmad, Tabriz, Iran; M.Arch. (University of Tehran); City and Regional Planning
Steven Merril Alippan, Albany, N.Y.; B.A. (State University of New York at Albany); City and Regional Planning
Michael Lawrence Greene, Beley; B.S.; City and Regional Planning
Michael Gerard Hayes, Columbus; A.B. (Ohio University); City and Regional Planning

Master of Fine Arts
Michael Louis Crouch, St. Louis, Mo.; B.F.A. (Kansas City Art Institute); Art
Linda Adele Fowler, Columbus; B.S. (Ohio Dominican College); B.F.A.; Art
Mary R. Wayne, Philadelphia, Pa.; B.F.A. (Pennsylvania State University); Theatre
Master of Health Administration

Mark William Vallera, Norfolk, Va.; B.S.; Allied Medical Professions

Anthony Paul Zelenka, Washington, Pa.; B.A. (Marietta College); Allied Medical Professions

Master of Labor and Human Resources

Collier W. Case, Lancaster, Pa.; A.B. (Miami University); Labor and Human Resources

Insam Ahmed Ghazzawi, Lebanon; B.A. (Beirut Arab University); B.A. (The Lebanese State University); M.B.A. (Sul Ross State University); Labor and Human Resources

Linda Halter, Greenville, S. C.; B.A. (University of Georgia); Labor and Human Resources

Nan L. Maxwell, Kettering; B.S. (University of Texas); M.S.; Labor and Human Resources

Bonnie L. Rose, Columbus; B.A. (Vassar College); Labor and Human Resources

William C. Strangfeld, Columbus; B.A. (Kansas Wesleyan University); Labor and Human Resources

Larry Edward Washing, Dayton; B.A., M.B.A. (University of Dayton); Labor and Human Resources

Master of Public Administration

David Allen Brookender, Gahanna; B.M. (University of Cincinnati); M.A.; Public Administration

Susan L. Steinhardt, New York, N. Y.; B.A. (Queens College); Public Administration

Master of Science

Samir Omar Aftuni, Amman, Jordan; B.S. (The Cleveland State University); Civil Engineering

José António Alegria, Portugal; Licenciatehip (New University of Lisbon); Computer and Information Science

Hridoyaraj Arockiaswamy, Tirucheli, India; M.Sc. (Madras University); M.S.; Computer and Information Science

Masaharu Asano, Gifu, Gifu-ken, Japan; B.E., M.E. (Hokkaido University); Engineering Mechanics

Sarah Jane Baehr, Circleville; B.S.N.; Nursing

David Edward Bailer, Reynoldsburg; B.S.; Geology and Mineralogy

Carole Dismukes Barton, Atlanta, Ga.; B.S. (Auburn University); Horticulture

Marie J. Bellchambers, Sydney, Australia; Diploma of Occupational Therapy (New South Wales College of Occupational Therapy); Allied Medical Professions

Rhonda Hill Benedit, Columbus; B.S.; Home Economics

Thomas Anthony Berndtowski, Baltimore, Md.; B.S. (University of Tampa); Environmental Biology

Carol Carpenter Berry, Columbus; B.A.; Home Economics

Kathleen Carol Binzel, Washington C. H.; B.S.Nurs.; Nursing

Sally Margaret Bower, London, England; B.Sc. (Edinburgh University); Natural Resources

Charles Sherman Bloom, Scottsdale, Pa.; B.S. (Pennsylvania State University); Preventive Medicine

Joseph Ferrel Boggs, St. Albans, W. Va.; B.S. (Glenville State College); Entomology

Charles Henderson Bonner, Ardmore, Pa.; A.B. (Mount Saint Mary's College); M.D. (Royal College of Surgeons); Physical Medicine

Charles Austin Bowen, Jr., Bellevue; B.S.; Zoology

Barbara Jean Bowers, Hudson; B.S.Nurs.; Nursing

Kathleen Klumnik Boyle, Mentor; B.S.Nurs., M.S.; Nursing

Robert Lee Brawley, Columbus; B.S. (University of Tennessee); M.D.; Pediatrics

Joseph Michael Bricker, Wooster; B.S. (University of Akron); Poultry Science

Paul Emerson Browning, Columbus; B.S.Agr., B.S.Ed.; Natural Resources

Randal Norman Brue, Sylvania, Calif.; B.S. (University of California at Riverside); Physiology

Judith N. Burian, Lancaster; Home Economics

Senad Busovaca, Tuzla, Yugoslavia; M.S. (The University of Belgrade); Computer and Information Science

Charles Graffon Carter, Columbus; B.S.Agr.; Agricultural Economics and Rural Sociology

Maureen Lynch Caste, Birmingham, Ala.; B.S. (University of Alabama); Chemistry

Kyung Chul Chae, Taegu, Korea; B.S. (Seoul National University); M.S. (University of Oregon); Industrial and Systems Engineering

Yueh-Chi Chang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Electrical Engineering

Shyh-Horng Che, Taipei, Taiwan, R.O.C.; B.S. (Tam-Kang College); Civil Engineering

Ming-Ru Chen, Taipei, Taiwan, R.O.C.; M.S. (Taiwan University); Chemical Engineering

Steven Dean Cherryholmes, Ottawa; B.S.C.E.; Civil Engineering

Rosetta Ifeoma Chukwu, Beijing, China; B.A. (University of Puget Sound); Home Economics

Pong Chung Chung, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); Chemical Engineering

Sue Marie Cottrill, Ashley; B.S.N. (Nasareth College); Nursing

Mary Anne Murphy Counts, Columbus; B.S.Nurs.; Nursing

Donna J. Custer, Lancaster; B.S.; Nutrition; Home Economics

Pamela Jane Dawson, Stockedfield, Northumberland, England; B.Sc. (University of Surrey); Home Economics

Marilyn S. Deal, Columbus; B.S.; Agricultural Economics and Rural Sociology

Rose Marie Deibel, Columbus; B.S. (University of Dayton); Chemistry

Saroj Dhillon, Bangkok, Thailand; B.Eng. (Chulalongkorn University); Metallurgical Engineering

Helen Ann Dillon, Hamilton, Ontario, Canada; B.A.Sc. (University of Guelph); Allied Medical Professions

Deborah Louise DuPont, Southboro, Mass.; B.S. (Elmira College); Chemistry

Rahj Mansour El-Asswad, Tripoli, Libya; B.S. (Alfateh University); Agronomy

Ahmed K. ElMaghrd, Tripoli, Libya; B.S. (University of Dayton); Computer Computer and Information Science

Fabian Obi Eke, Mgbidi, Imo State, Nigeria; B.S. (Syracuse University); Anatomy

Onaiee Jean Evans, Avon Lake; B.S.; Home Economics

Mohsen Zakifahmi, Cairo, Egypt; B.S.C.E. (Ain Shams University); Civil Engineering

Sandra Laurie Falck, University Heights; B.S. (Cleveland State University); Allied Medical Professions

Randy H. Farmer, New Carlisle; B.S. (University of Evansville); Electrical Engineering

Elizabeth Moran Fitzgerald, Columbus; B.S.N. (University of Kentucky); Nursing
Lewis Charles Bakory, Columbus; B.S.E.E.; Electrical Engineering

Segundo Alcides Ramirez, Tarapoto, San Martin, Peru; B.S. (Brigham Young University); Agronomy

David Leon Ray, Hanover, Pa.; B.S. (Eastern Nazarene College); Computer and Information Science

Bradley Scott Richardson, Knoxville, Tenn.; B.S. (University of Tennessee); Engineering Mechanics

Randall Robert Romig, Dallas, Tex.; B.B.A. (University of Texas at Austin); Zoology

Patrick Charles Rose, Palineville; B.S.E.P.; Nuclear Engineering

Richard David Rosen, Lorain; B.E.E.; Zoology

Jayne Marie Roth, Orrville; B.S.Agr.; Animal Science

John Clifton Rupert, Put-in-Bay; B.S.; Zoology

Osamu Sakai, Yokkaischi, Mie, Japan; Bachelor of Dental Surgery (Tokyo Dental College); Dentistry

Ricardo Sanchez, Concepcion, Chile; Electrical Engineer; Electrical Engineering

Hareesh S. Satiani, Karachi, Pakistan; B.S. (University of Karachi); Biomedical Engineering

Nancy Lynn Sebastian, Columbus; B.S.; Home Economics

Robert James Selkoon, Austintown; B.S.Ag.; Agricultural Education

Karen Jean Shank, Springfield; B.S.; Mathematics

Katie Andrews Shelley, Bellevue; B.S.; Home Economics

Han-Ping David Shieh, Tseichung, Taiwan, R.O.C.; B.S. (National Taiwan University); Electrical Engineering

Martin James Shiptalo, Novelty; B.S.Ag.; Agronomy

Glennie Vera Simmons, Coulhatta, La.; B.S. (Southern University); Home Economics

Samuel K. Somuah, Obo, Ghana; B.Sc. (University of Science and Technology); Metallurgical Engineering

Madurai Govindarajan Sri Ram, Bangalore, India; B.Tech. (Indian Institute of Technology); M.Sc. (Indian Institute of Science); Statistics

Robert Benjamin Stevenson, III, Columbus; B.S. (University of Miami); D.D.S.; Dentistry

Richard Paul Supina, State College, Pa.; B.S.Ag. (University of Delaware); Entomology

Lo-Fu Tan, Ottawa, Ontario, Canada; B.A. (McGill University); Preventive Medicine

Ju-Ho Tang, Tsichung, Taiwan, R.O.C.; B.S. (National Taiwan University); Electrical Engineering

Martha Ann Taylor, Hickory Ridge, Ark.; B.S. (Bob Jones University); Home Economics

Lora Lee Tharp, Hilliard; B.S.; Animal Science

Surendra Nath Tiwari, Motihari, Bihar, India; B.Sc. (Bhagalpur University); Civil Engineering

Frederick Allen Tokarz, Dayton, B.S.; M.S. (Western Illinois University); Electrical Engineering

Wah-Tyan Taoy, Columbus; B.S. (National Tsing Hua University); Mathematics

Zane H. Tota, Canfield; B.S. (University of Michigan); Geology and Mineralogy

Jeffrey R. VanKureen, Wooster; B.S.; Environmental Biology

Richard P. Vitray, Vienna, Va.; B.S. (Antioch College); Mathematics

Jack Jean Wardecki, Sagamore Hills; B.S.Ed.; Mathematics

Janet M. Wasko, Adena; B.S.Agr.; Animal Science

Paul R. Welder, Chicago, Ill.; B.S. (University of Utah); Chemistry

David C. Whitecomb, Columbus; B.S. (Manchester College); Physiology

Susan Anne Willarize, Mt. Gilead; B.S.; M.S. (University of Illinois); Statistics

Rebecca Jane Wright, Bessemer, Ala.; B.S. (Auburn University); Natural Resources

Abdul Abdalla Youssri, Buffalo, N.Y.; B.S.; Chemistry

Eunyoung Yu, Seoul, Korea; B.B. (Seoul National University); Electrical Engineering

Yuan-Fang Zheng, Shanghai, China; B.S. (Tsinghua University); Electrical Engineering

Oved Zimmerman, Columbus; B.Sc., M.Sc. (Tel-Aviv University); Computer and Information Science

Master of Social Work

Wendy L. Cherry, Columbus; B.A. (Sweet Briar College); Social Work

Sanford Louis Starr, Columbus; B.S.; Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Patrick R. Dugan

Vice Provost for the Arts and Sciences:
Thomas A. Wilke

The Colleges of the Arts and Sciences, a federation of five colleges, include:

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

Bachelor of Arts

James Alva Allen, Pickerington
M. Dasso Ernst, Liberty Center
Janet Lee Fenner, Youngstown
Barbara Lynn Freedy, Upper Arlington
Mary Ann Gentile, Steubenville
Eric M. Kleinpaste, Columbus
Brenda L. Kurlansik, Reading, Pa.
Craig John Musilla, Amherst
Richard John O'Neil, Youngstown
Steven Jay Probasco, Columbus
Deirdre Jane Smith, Columbus
Anthony DeWitt Stewart, Hillsdale, N.J.
Michael Anthony Terlacher, Parma
Brenda Lynn Zagarinsky, Indianapolis, Ind.

Bachelor of Fine Arts

Sonya Rae Albery, Columbus
Rosenie Balog, Ereckville
B.A.

Susan Mary Brooks, Bloomfield Hills, Mich.
Suzanna Rose Burke, Columbus
Beverly Susan Diles, Racine
Lynn Elizabeth Flowers, North Olmstead
Gary Gilbert Ganas, Columbus
Genie Grunewald, Columbus
Craig Stevens Heryford, Marietta
Sarah B. Holmes, Westerville
Bachelor of Music

Jody Lee Kidwell, Columbus
David Ernest Nila, Columbus
Maryann Bevinger, Columbus

Bachelor of Science in Industrial Design

Susan Elaine Hall, Columbus
Thomas Daniel Horton, Findlay
Terri Sue Neboli, Sandusky
James M. Stephenson, Delaware

Bachelor of Art Education

Nancy Lee Belt, Gahanna
Emily Jane Borcher, Worthington
Rural Lee Cobb, Columbus
Susan Moore Cyr, Columbus
Susan Elaine Frey, Van Wert
Paula Topping Lindei, Columbus
Cecil David Moore, Jr., Memphis, Tenn.
Robert LeBarron Murphy, Columbus
William Irving Shade, Columbus
Nancy Ann Sperling, Toledo
Robin Root Wallace, Willard
Nancy Lynn Wimmer, Columbus
Deborah Lynne Young, Bridgewater, N. J.

Bachelor of Music Education

Louis Mitchell Best, Bowling Green
Richard Leroy Brown, Bucyrus
Kevin Rapp Cochran, M. Vernon
Janice Mae Cox, Columbus
Tanya Jo Fogle, Larue
Ruth Anne Inman, Mt. Vernon
Bennie Lee Jones, Columbus
Janet Zeiger Rusnuk, Lima
Susan Elizabeth Ryan, Norton
James Donald Talle, Barberton
Jan Ellen Wright, Fairborn

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Science

Lawrence Earl Bailey, Dayton
Donald Ernest Bell, Salisbury, N. C.
Maryann Bevinger, Columbus
Kin Francis Beseo, Lorain

Bachelor of Music

Ronald Allen Jacoba, Youngstown
Stephen Anthony Kristof, Marion
Margaret Sue Longthorne, Columbus
Janet Dale Matsu, Columbus
Frederick Lance Marsh, Galena
Diane Aisyn O'Dell, Cleveland
Claudia Toppalane Turney, Columbus
Steven Edward Wiseman, Columbus
Deborah Lynn Young, Bridgewater, N. J.

Bachelor of Science

Carolyn Maxine Clay, Dayton
Franklin Lee Counts, Upper Arlington
Robert Ivan Curry, Canal Winchester
Douglas Joseph DeCone, Columbus
James McMasters Durell, Jr., Columbus
David Patrick Durenska, Canton
Dorothy Ann Garcia, North Canton
Audrey Lynn Gotlibel, Toledo
Jay Bruce Higdon, Mansfield
Deborah Livinghill, Salesville
Christopher Glenn Keck, Bay Village
Donald A. Kent, Fairview Park
Teresa Anne Kein, Columbus
Charles M. Lawler, Cleveland
Stephen Michael Lewis, Grove City
George Anthony Martine, Columbus
Jeffrey Scott Mclniece, Columbus
Weslaw Marian Mostowy, Canton
Dennis Ruth New, Columbus
William David Nichols, Jr.
Shelia Marie O'Brien, Dublin
Amil Kanar Pamkali, Columbus
Mark Albert Reynolds, Pokwo, Ethiopia
Vivian Marie Rhode, Fairport, N. Y.
Lyn E. Rife, West Union
John Steven Russo, Columbus
Joyce M. Sahr, Stouesville
Jeanne Carol Spence, Columbus
Karen Elizabeth Trainor, Tom River, N. J.

College of Humanities

Dean: Diether H. Kaenicke

Bachelor of Arts

Crampton O. Anderson, Cincinnati
Robert Charles Cashdollor, Jr., Newark
Catherine Marie Christ, Columbus
John Bernard Held, Columbus
Rick E. Hobbs, Galapebal
Mary Ellen Hoffman, Beavercreek
Jessica M. Huesmann, Powell
Robert Joseph James, Tipp City
James Lee Letafi, Columbus
Theodore Marie Lieb, Columbus
Dwayne Allen Martin, Columbus
Inga Habeck Master, Worthington
Laurie Jeanne Meekley, North Canton
John Andrew Mitchell, Newark
Shirley Ann Nelson, Columbus
Dwight David Nolos, Columbus
Manuel Pace, Columbus
Nancy Diane Parker, Van Wert
Rand Eugene Patterson, Columbus
Patrick Anthony Quinnan, South Euclid
Thomas Alan Reid, Mentor
Carol Jean Sargaves, Columbus
Ellen Kay Salisbury, Columbus
Janet Elaine Nee, Cuyahoga
Richard L. Shroyock, Sylvania
Vivian Louise Toonam, Leipsic
Daniel Lynn Valentine, Columbus
David H. Willison, St. Clairsville
Jack Lynn Wills, Jr., Westerville
Michael Lloyd Womeldorph, Newark
Sandra Lee Yann, Columbus
Ann M. Yingler, Columbus

College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Mark Robert Anaest, Columbus
Madeleine Julia Dautarias, Chestertown
Richard Andrew Kanan, Norton

Bachelor of Science

Nancy Renee Aupsburger, Columbus
Gilbert Dennis Bloom, Middleburg Heights
Sandra Yu-Sueh Chang, Columbus
Susan R. Chisholm, Fostoria
Harry Michael Covert, Columbus
Dan Lawrence Crawford, Portland, Ore.
Bettie Prayel, Columbus
Dusia Curtis Huffman, Tiffin
Beth Laurie Jameson, Batavio
Neil Evan Johnson, Palmyra, N. Y.
Dennis L. Litvinowicz, Columbus
Richard Kenneth McGuire, Cippewa Lake
Philip H. Myers, Marion
Leigh Andrew Potter, Kettering
Linda Kay Ribelli, Columbus
Steven Jay Richard, Chardon
Drew John Ronske, Westerville
Thomas W. Semones, Mentor
Lillian Chen Teng, Taipai, Taiwan
David W. Tiseli, Upper Sandusky
James Lee Wright, Sandusky
Edward Vincent Zinni, Parma Heights

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Daniel Glenn Applegate, Newark
Robert John Balke, Toledo
Elizabeth Anne Baylin, Reynoldsburg
Garifalla H. Bellissar, Warren
Heidi Bieher, Chestertown
Tamara Jo Blake, Marion
James Jesse Bollinger, Columbus
Clyde Alfred Bowman, Benenoe, Ill.
Stephen Saul Brand, Elmton, N. Y.
Terri Lynn Brobst, Canfield
Elaine Calabria, Steubenville
Jeffrey S. Crias, Steubenville
Kim Crump, Gahanna
Norma Colon Dalecio, Albiono, Puerto Rico
Donna Renee Falda, Stamford, Conn.
Cynthia Gregory, Columbus
Carolyn Sue Schaefer, W. Milton
Michael Joseph Wisler, New Albany
Heidi Warmer, Shaker Heights
Maria Kay Setzer, Akron
Connie Maureen Zinn, Grove City

Bachelor of Science

Gwendolyn Yvonne Allen, Groveport
Rebecca Daniele Blanton, Pataskala
Timothy James Coffey, Englewood
Julia Ann Cordle, Columbus
Richard M. Crockett, Mobile, Ala.
J. R. Damelio, Columbus
Andrew Downey Debettino, Columbus
Torey Le Hirsh, Buffalo, N. Y.
Lee Ann Holtspratel, Ironon
Kevin Michael Keeley, Englewood
Keith Edward Rendsdorfer, Brilliant
James Ralph Sautlers, Columbus
Paul D. Studer, Joliet, Ill.
Ann N. Sutt, Mansfield
G. Michael Vennity, Aisa, Hawaii
Richard Donald Watman, Columbus
Paul Frederick Wenning, Jr., Butler
Jerome Williams, Cincinnati

School of Journalism

Bachelor of Arts in Journalism

John W. Acree, Columbus
Sheila Holt Adams, Columbus
Anna Marie Beaver, Bellefontaine
Cheryl A. Bemis, Versailles
Linda Joyce Camburn, Pittsburgh, Pa.
Patricia Lynne Carlini, Charleston, W. Va.
Susan Hart Cochran, Columbus
Susan Elizabeth Curphy, Toledo
Edward EnrichBenitez, Columbus
Amy Louise Felmstein, Madison
Roy Kevin Grove, Lima
Marina DelPreoti Hausen, Columbus
Robert Harper, Upper Arlington
Roslina Hierholzer-Bitter, St. Marys
Greg L. Houston, Ironon
Gregory Robert Hoyeler, Columbus
Lynee A. Huff, Vermilion
Robert L. Hust, Cincinnati
Lisa Renee Kavanagh, Lexington, Ky.
Debra A. Kornmiller, Hide-A-Way Hills
Richard Scott Kupsin, Shaker Heights
Robert Lawrence McLimian, Jr., Fairborn
Patricia Ann Murray, Pittsburgh, Pa.
Julie Ann O'Rourke, Maumee
Howard David Pasessi, Santa Fe, N. M.
Kimberly Jo Pinion, Reynoldsburg
Diane Dee Rasmanus, Dublin
Sandra Stafford Reeklit, Worthington
Cathryn Sue Retaliffs, Bexley
Jane Ann Schmits, Grove City

Eliott Blair Smith, Hamilton
Sherry Lee Spear, Columbus
Michael Paul Spildemmer, Fremont
Wanda Suher, Columbus
Mary Lindsay Swanson, Rocky River
Kimberly Ann Thomas, Whitehall
Annette Ulric, Bridgeport
Charles J. V. Wroten, Columbus
Erika Luisa Wisinger, Columbus

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Seraj Allali, Khorramshah, Iran
Richard William Allen, Galena
Daniel Stuart Aisip, Ironon
William Frederick Antonich, Columbus
Mark William Appigen, Tiffin
Daniel Robert Ascheman, Columbus
Michael Dana Aukerman, Westerville
Novella Bailey, Canton, Ohio
Joseph Kevin Bair, Van Wert
Celeste Jane Bavaria, Cincinnati
Melinda Gail Beard, Sabine
Ronald Gary Bennett, Garland, Tex.
Scott Edward Blais, Fairview Park
Avi Bogler, Jerusalem, Israel
Cynthia A. Bollas, Springfield
Mary Lisbeth Bowler, Columbus
Danny Lee Bremenn, Coosbton
Judy Anne Breulin, North Olmsted
Ploy David Buchanan, Columbus
Jonathan Dwight Benner, Columbus
James Patrick Butler, Denver, Colo.
John Anthony Calvey, Angola, Ind.
Veronica Jane Camp, Sandusky
Ray Lewis Carmichael, Columbus
Bruce Alan Carroll, Mentor
Barbara Ann Charrive, Milan
Emily Welch Colm, Columbus
Brian Patrick Clark, Mt. Vernon
Gerald Eugene Cooper, Centerburg
Brian Edward Cross, Columbus
Edward Neil Cohn, Columbus
Cathleen Sue Conrad, Marysville
Daniel Eugene Cooper, Jr., Ashland
Richard James Cooke, Canton
Bruce Lawrence Cooperman, Fort Lee, N. J.
Michael Jackson Corbett, Columbus
Sherly Joy Corna, Whitehall
Nicholas E. Covelli, Lyndhurst
Steven Allan Crabtree, Columbus
Michael Allen Cron, Columbus
David Thomas Crossen, Gallipolis
Mark Charles Cummins, Clinton
David W. Dalton, Columbus
Kevin Bradley Daugherty, Cleveland
Richard Allen Danguer, Parma
David Wayne Darn, Springfield
Louis B. DeVemple, Columbus
Jeffrey Thomas Devor, Wheelersburg
John Mark Dickinson, Dayton
Jody Lynn Distad, Chagrin Falls
Timothy James Dolen, Zanesville
Christy Lynn Dorff, Circleville
James Rouse, Columbus
Siew Hoon, Columbus
Jack Martin, Lurie, Youngstown
Susan L. Halverson, WestERVILLE
Bradley Mercer, Maple, Columbus
John Rone Marshall, Columbus
Jeremy M. Hickle, Newburg Heights
Irwin Lee McAuley, Perryville
Grace M. McBride, Washington, D.C.
Michael Ashton McCullough, Columbus
Diane McDonald, Louisville
Carl Michael Mcgillivray, Parma Heights
Kyle Robert, Mercer, Columbus
Richard M. Merashad, Dayton
Jeffrey Joseph Metger, Columbus
Jacin Marie Meyer, Columbus
Mark Edward Meyers, Grove City
Nick Tony Mihnovets, North Royalton
John Randall, Mobil, Lorain
Susan Leigh Monroy, Newark
Timothy Scott Montgomery, Clyde
Yolanda Denise Morph Montgomery, Columbus
Timothy Grant Moore, Washington, D.C.
Richard Eugene, Mundell, Columbus
Thomas W. Murphy, Cuyahoga Falls
Richard Watkins Myers, Pataskala
Robert Alan Myers, Miamisburg
Patrick Joseph Nash, Kent
George William Nuggest, Columbus
Daniel Brent Oliver, Shreve
Ronnie Eugene Orr, Washington C.H.
Anthony G. Oronzo, Columbus
Stephen William Paisky, Beachwood
Robert Keith Pachkhill, Thornhill
James Russell Paxson, Fremont
Mark Alan Petry, Galena
Daniel John Petsche, Brecksville
William Mark Planck, Columbus
Scott Michael Pottinger, Galena
Paul R. Raggi, Zanesville
Robert William Rennick, Columbus
Earle W. Richardson, Columbus
William L. River, Chapel Hill, N.C.
James Rees Robinson, Columbus
Steven Paul Romanik, Grove City
Hollie Lee Rose, East Rochester, N.Y.
Dianne Lee Rouch, Columbus
John Robert Roue, Newport
Debba Jean Schaefer, Columbus
Douglas Lee Schiefer, Canton
Daniel Steven Schneider, Columbus
Robert Alvin Schultz, Grove City
Ronald Alan Seckel, Marion
Marc A. Silver, Beachwood
James Joseph Simcoe, Jr., Orient
John Carroll Stidmore, Marysville
Jeffrey Stephen Sticha, Cincinnati
David Lance Slaughter, Cohocton
Frank Martin Smith, New Philadelphia
Frederick Miles Smith, Dayton
Randall Raymond Smith, Missio, Vocrin
Mark Shane snowgrass, Columbus
John Tohin Snowder, Centererville
Dale Alan Squires, Columbus
Pamela Kay Stogman, Columbus
Philip Industrious Stearns, Columbus
Michael Dale Steen, Columbus
Gary Michael Stenits, Columbus
Renée Lee Stone, Columbus
Christine Mary Strode, Columbus
Anthony James Swary, New Bavaria
Timothy James Swingle, Roseville
Matthew Stone Swyyoad, Galena
James R. Temarolian, Columbus
Elizabeth Larkin Taylor, Greenville, S.C.
David Scott Terry, Mansfield
Don Allen Thomas, New Albany
Dennis Glenn Thorsbrook, Columbus
David Allan Tibbitts, Marion
William J. Tomko, Kudul
Harry Haralambos Totonis, Columbus
Bruce George Trimbur, Richmond
Harrison Dean VanCamp, Jr., Hebron
John R. Vandemark, Columbus
Brent Eugene Vincent, Mt. Sterling
John Lawrence Vincen, WestERVILLE
James Bruce Walton, Niles
Brent William Wright, Columbus
Annette Yvonne Zek, Dayton

Bachelor of Science in Labor and Human Resources

Timothy Alan Banks, Columbus
Toni Lee Barrow, Chillicothe
Susan Loren Culp, Ironton
David Alan Eon, Milford
Scott Kenneth Richards, New Lenox
Steven Michael Stirek, Bellaire
Daniel Gray Wetzel, Mansfield

College of Agriculture and Home Economics

Dean : Roy M. Kottman

Bachelor of Science in Agriculture

Roslyn Jean Anderson, Englewood
Sue Ellen Bailey, Prospect
Charles Michael Biller, Glastonbury
Alvera Angela Binning, Hebron
Marsha Kim Bloyer, Ripley
Roger William Borer, Grand Rapids
Jacqueline J. Brovker, Ashley
Donald Joseph Brown, Aurora
Jay Sterling Clower, Columbus
Susan Elizabeth Cole, Dayton
Douglas Michael Conine, Fostoria
Gary Robert Cook, Flat Cuckoo
Thomas William Cooperider, Croton
Rhonda Jean Deardoff, Bellefontaine
Diane Kay Defer, Hudson
Dean Alan Fishekenthaler, Lawrence
Scott Allen Goldstein, Carrollton
Gerry Lynn Dudzik, Medina
Walter Earl Fetzer, Wooster
Carole Anne Flanagan, Parma
Smitty Ray Gahbee, Galena
Michael Alan Gerber, Sabina

273
College of Dentistry

Acting Dean: William R. Wallace

Doctor of Dental Surgery

Robert Stephen Asch, Lorain
B.S.
Joel Mark Cohen, Columbus
B.S.
Mark Alan Freeman, Perrysburg
B.A. (University of Toledo)
William Oliver Seman, Sandusky
B.A. (Wittenberg University)

Certificate of Graduate Dental Hygienist

Christine Ann Johnson, Urbana
Lauree Lee Marcellus, Rumson, N. J.
Laurie Jeanne McLeskey, North Canton

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Charles H. Adams, Mt. Sterling
Stephen Atun Adama, Delaware
Theresa Hecker Allen, Columbus
John Robert Arnold, Columbus
Claire Oatman Ashcraft, Newark
Richard Newberry Barbee, Jr., Columbus
Elaine Marie Barnes, Billerica, Mass.
Kimberly Marie Barnhart, White River, S. D.
Michael James Barton, Avon Lake
Lucinda Charline Bartow, Columbus
Mary Lisa Black, Newark
B.A. (Virginia State College)
Mark Alan Brown, Lebanon
Patti Ann Brown, Grove City
Bryan Keith Bumgarner, Richwood
Karen Lou Burns, Plain City
Sharon Sue Burns, Plain City

Peggy Ann Burzyn, Columbus
Rilla Louise Butcher, New London
Charles T. Caprio, Jr., East Hartford, Conn.
Virginia Kalliope Charnas, Warren
Sindi Joy Cohen, Beachwood
Cathleen Ann Cook, Mayfield Heights
Karen Sandra Cook, Columbus
Timothy Paul Corral, Columbus
Richard Walter Dahm, Jr., Columbus
Cynthia Reissler Davidson, Lima
Janelle Joann Davis, Newark
Laura Jean Lofgren Davis, Columbus
Carol Lynn Dawson, Newark
Stephen Scott Deedrick, Grove City
James Franklin Delong, Etnon
Mark Steven Dempsey, Dayton
Laura L. Dotson, Lima
Cindy L. Douglas, Marietta
Glenn Allan Elbrick, Pickerington
Tony Lee England, Findlay
Melissa Ann Enderberger, Lucas
David Anthony Erhardt, Newark
Linda K. Fausos, Gardens, Pa.
Christopher Fecteau, Dayton
Judy Kay Fergus, Botkins
Ginger Lee Fergusson, Marion
Glen Robert French, Columbus
Judith Doris Fiegel, Woodfield
Sally Ann Finissi, Columbus
M. William Forquer, Columbus
Allan Franklin Foster, Columbus
B.A.
Stacey Ellen Fox, Beachwood
Deborah A. Frederik, Lima
Rose Marie Gallagher, Brookpark
Deborah Craigsg Gordon, Marysville
John Stuart Greendyke, Columbus
Kenneth Edward Grooms, Gahanna
Joseph Mark Guddemi, Mansfield
Jill Louise Gurr, Marion
Phyllis J. Hairson, Columbus
Gregory Davis Hartman, Columbus
Debra K. Hassan, Wooster
Janet Bosene Hambler, Bucyrus
Nelson Edward Hess, Newark
Scott David Hill, Fairport Harbor
Rick Ernest Hobbs, Gallipolis
Julia Alice Hefta, Napoleon
Elbert L. Holmberg, Newark
Thomas Conrad Howard, Westchester
Kathy Lynn Huffman, Findlay
Maureen Theresa Hurley, Columbus
Martha Jane Irwin, Columbus
Laura Ann Jansen, North Olmsted
Carol Sue Johnson, Toledo
Mary Ellen Kalwakie, Columbus
Beth Ann Katterhenrich, Grove City
Gilda Ruth Katz, Beachwood
Margie Ellen Keith, Dayton
Teresa P. Kelly, Columbus
Gerald Allen Kincard, Jr., Groveport
Carol Lynne Kircher, Worthington
Mark Aaron Knutsen, Mingo Junction
Leslie Anne Koethe, Lorain
Audrey Lucille Lauf, Lima
Mary Ann Lefeld, Coldwater
Deborah Lynn Legg, Columbus
Kimberly Kay Light, Bucyrus
David Samuel Lipkin, Akron
Kathy Jo Long, Marion
Barbara Louis Low, Columbus
Rae Ann Marker, Mansfield
David Lloyd Martin, Portsmouth
Susan Lileta Massa, Lexington
David Alan Mauger, Pataskala
Kathleen Martha McAdams, Panama City, Fla.

Nancy Ellin McCormick, Columbus
Deborah Ann McKee, Columbus
Kathleen F. Miller, Columbus
Dennis Keith Mitchell, Delaware
Lisa Anne Rug, Grove City
Beth Ann Montalto, Newark
Carol Joan Moursy, Marion
Kathleen Ann Mulloy, Bay Village
David Michael Murray, Reynoldsburg
Rosemary Margaret Myers, Columbus
Karen Sue Nast, Galloway
Philip Netti, Wellington
John Douglas Nutt, Sunbury
Tamura Kaye O'Brien, Newark
Lawrence O'Rourke, Worthington
Judith Margaret Page, Worthington
Holly Anne Perf, Cincinnati
Sherry Leigh Peterson, Dayton
Myron Lee Pollard, Columbus
Michele Stewart Pettett, Columbus
Deborah Ann Pugh, Columbus
Susette C. Horton Putman, Delaware
Karen Diane Radke, Columbus
Gary Allen Ramin, Columbus
Kimberly Anne Rankin, Marietta
Philip Thomas Ratsner, Dayton
Stanley Kimmelson Ray, Grove City
Carol Jane Riedmiller, Mansfield
Lori Anne Rimmer, Columbus
Marc Leighton Ring, Woodfield
Deborah Anne Robinson, Columbus
Beverly Jean Rogers, Columbus
Stephanie Jo Rotzky, Beachwood
Dean Edward Sampesi, Sandusky
John Louis Sanders, Circleville
William Douglas Satter, Mineral City
Diane Sellers Scaggs, Columbus
Kymberly Ann Schneider, Cincinnati
Karen Lynn Schubert, Granville
Douglas Duran Shaffer, Columbus
Kimberly Ann Shamba, Mansfield
Ann Marie Shamloul, Cincinnati
Edward C. Showman, Ottawa
Robin J. Sissom, Columbus
Vian Edwaner, Carlisle
Betty West Slade, Columbus
Karen S. Sewers, Reynoldsburg
Susan Mcclure Stewart, Columbus
Marla Anne Stickel, Columbus
Karen Joy Snowsby, University Heights
Jillia Lee Strohacker, Newark
Daniel Lee Swiger, Sidney
Mattie Thomas, Columbus
Kay Johnson Thompson, Columbus
Jean M. Tingley, Columbus
B.S.

Gwendolyn Sue Trempert, Columbus
Kathryn Marinda Vaugh, Marion
Both Borden Vetter, Portsmouth
David John Weaver, Mansfield
Ellen Kay Wenzelberger, Worthington
Kelli Ann Whangam, North Canton
Laura Wiedemann, Marion
Jeffrey Eugene Willis, Nashport
Diane Kay Wilson, Washington
Stephan Wilson, Newark
Robert R. E. Winkle, Mansfield
Christine Anne Henry Wissner, Lima
Kimberly Dee Wrightseld, Chillicothe
Cynthia Lynne Young, Columbus
Bachelor of Arts, Education
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. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering
Thomas Daniel Costello, Columbus
Thomas J. Smeeks, Burke, Va.

Bachelor of Science in Agricultural Engineering
Richard Michael Melvin, Westlake

Bachelor of Science in Ceramic Engineering
Scott Sager Campbell, Mansfield

Bachelor of Science in Chemical Engineering
Carlos Eduardo Aguilera Cerecchio, Caracas, Venezuela
Anthony Angelo Battillo, Brook Park
Chris U. Ekebu, Port Harcourt, Nigeria
Edward George Farah, Warren
George Joseph Krieski, Cleveland Heights
Wilmer Rafael Ramirez Semeco, Edo-Falcon, Venezuela
Robert John Strack, Dayton

Bachelor of Science in Civil Engineering
Ahmed Mohammed Sadi, Safad, Palestine

Bachelor of Science in Electrical Engineering
Endre Maximilian Berecz, Ft. Lauderdale, Fla.
Donald Frederick Boyd, Syracuse, N.Y.
Karl Koechmann Byrne, Columbus
Charles John Coogan, Worthington
Glenn David Crabtree, Columbus
Philip Anthony Dudak, Alliance
William Michael Edwards, Columbus
Bethanne Friedman, Columbus
David Francis Fritz, Huntsburg
Daniel Glover, Bay Village
Daniel Joseph Helms, Columbus
Kent Russell Hamon, Lexington, Ky.
Eric William Johnson, Washington C.H.
James Richard Lithium, Columbus
Jose Richardo Macian, Columbus
Mano Mehta, Hayward
Robert Karl Oeler, Columbus
Stephen Mark Powell, Westerville
Eric Alan Ribble, Beverly
Ronald Allan Sasaki, Chesterland
Paul Alexander Steve, North Olmsted
Keith L. Snyder, Pandora
Josef Martin Sessa, Elyria
Vincent T. Tat, Columbus
Kenneth James Walcott, Dayton
David Raymond Wehrbauch, Hilliard
Lynn Marie Weller, Columbus

Bachelor of Science in Industrial and Systems Engineering
Sally Ann Agnew, Youngstown
David Wells Cammara, Columbus
Sean Michael Crowley, Fairview Park
Gary Mark Galloway, Columbus
Howard Alton Hartley, Jr., Columbus
Michael David Francis, Dayton
Rolf James Ozamiz, Columbus
Gregory Schmidt, Lyndhurst
Mitchell Scott Tayse, Columbus

Bachelor of Science in Mechanical Engineering
Kenneth David Cardina, Akron
Chris William Coomas, Madison
Mark Allen Dedow, Warren
James Mark Demsky, Columbus
Daniel Mark Dusselmaan, Mansfield
Glenda Joette Genitter, Waterville
Mark Clark Hamilton, Columbus
Donald Wayne Harter, Westlake
Dennis Merrill Kote, Sandusky
Douglas Joseph Petonke, Fremont
Michael Carl Ritter, Libertyville, Ill.
Clement Conroy Schilling, Newark
Jerry Ray Searfoss, Columbus
Linda Marie Sestito, Columbus
Verlin Roy Shroyer, Marion
Joseph Paul Souriecki, Lorain
Joseph Edward Uhrinok, Jr., Dunedin, Fla.
Bradley Gene Welch, Seven Hills

Bachelor of Science in Surveying
Ronald Allan Calhoun, Columbus
Charles Montgomery Tucker, Cincinnati

Bachelor of Science in Welding Engineering
Warren Kenneth Applegate, Columbus
Barton Kip Hall, Newcomerstown
Robert Edward Hetsendorfer, Depew, N.Y.
Peter Michael Mahoney, Columbus
Maggie Sue Pittman, Cincinnati
Gary Edward Trewiler, Coshocton

School of Architecture

Bachelor of Science in Architecture
Glenn Wendel Copy, Findlay
Christopher Joseph Hanel, Columbus
Linda Ann Holvick, Defiance
Stephan Michael Luchtenberg, Bexley
Barbara Louise McCarthy, Hudson
Daniel Robert Pickett, Columbus
Bryan Evan Westgate, Avon

Bachelor of Science in Landscape Architecture
Steven Alan Bennett, Cincinnati
David Michael DePierro, Worthington

College of Law

Dean: James E. Meeks

Juris Doctor
Katherine Martha Bigler, Columbia Station
B.A. (Northwestern State University of Louisiana)
Stephen Jay Bowshier, Grove City
B.A.
Joseph Henry Brockwell, Cambridge
B.A.
Robert Thomas Burda, Dayton
B.S. (University of Dayton)
Donald Kenneth Byrnes, Columbus
B.S.
Frederick John Caspar, Dayton
B.S. (Wright State University)
Mary Frame Coridan, Columbus
B.S.
Peter Anthony Danis, Kettering
B.S. (University of Dayton)
Michael James Hoder, North Baltimore
B.S. (Bowling Green State University)
Mary Guadalupe Kirchner, Columbus
B.A. (Manhattanville College)
M.S. (University of North Carolina)
Steven Charles Mayer, Alliance
B.S. (Kent State University)
Denise Adele Herman McCollor, Napoleon
B.S., M.E. (Bowling Green State University)
Alan James Miller, Westerville
B.S.
Benjamin Franklin Parks, Columbus
B.A., M.A.
Joseph Leroy Richardson, Hillsboro, N.C.
B.S. (University of Dayton)
M.E. (Bowling Green State University)

Bachelor of Science in Computer and Information Science
John Randall Blackwood, Springfield
Abotaz L. Sephaban, Columbus

Electrical Engineer
Chaiyoth Sruksbost, Bangkok, Thailand
John Robert Slater, Gahanna
B.A.

Lea Ann Smith, Mishawaka, Ind.
B.S. (Ball State University)

Percy Squire, Youngstown
B.S. (Ball State University)

B.S. (Ball State University)

Joan Bonnie Swigert, Columbus
B.S. (Miami University)

Michael Robert Thomas, Cincinnati
B.A. (Capital University)

Mark Alexander Tus, Dayton
B.A. (University of Dayton)

Janice Wilt Wise, Columbus
B.S. (University of Illinois); M.A.

John Robert Slater, Gahanna
B.A.

Janice Wilz Wise, Columbus
B.A.

Lea Ann

B.A.

Acting Dean: Manuel Tzagournis, M.D.

College of Medicine

College of Medicine

Jeanne M.

John Leslie Tatman, Washington C.H.
B.A.

B.S. (University

Michael Robert Thomas, Cincinnati
B.S.

B.S. (University

John Carl Gurley, Fairport Harbor
B.S.

William Robert Hartnagel, Orrville
B.S.

Kim Richard Nicola, Columbus
B.A.

Laura Hannah Rocker, Shaker Heights
B.A. (University of Rochester)

Marty Marie Salas, Springfield, Mo.
B.S.

Bruce W. Spring, Canton
Sc.B. (Brown University)

John Leslie Tatum, Washington C. H.
B.A. (Earhart College)

Jeanne M. Vinai, Wadsworth
B.A. (Kent State University)

Robert Mark Webb, Marion
B.S.

Kay Ann Linville, Columbus

Susan Marie Long, Logan

Marcia Ann Loos, Coshocton

Susan Dignan Mack, Cleveland

Pamela Kaye Marshall, Springfield

Sue Ann Mulholand, Columbus

Debra Kaye New, Columbus

Karen Reichers, South River, N. J.

Julie Ann Reinhard, Xenia

Natalie Diane Rhodes, Willowick

Sandra Kay Ruffini, Uhrichsville

Sharon Marie Russell, Mansfield

Carol Pest Salenstein, San Antonio, Tex.

Mary Ann D. Schaefer, Norwalk

Kathy Watrous Shuel, Cincinnati

Kathryn Carol Stroh, Avon Lake

Elizabeth Ann Tonn, Kettering

Cheryl Ann Uehlein, Cincinnati

Susan Ann Weiss, Shaker Heights

Donie Marshall West, Marion

Joanne Miriam Wise, University Heights

Lynda Ann Wilson, Monroe Falls

Sandra Lynn Wittebert, Columbus

Brenda Kay Wright, Athens

Renee Louise Stepler, Youngstown

School of Nursing

Bachelor of Science in Nursing

Joanne Ruth Eros, Tiffin

Mary Kathleen Fischer, Waynesboro, Pa.

Susan Marie Heiner, Piqua

Mary Zvirblis Jerome, Worthington

Diane Lynn Lendrum, Chillicothe

Susan Anne Loach, Cincinnati

Linda Lee Losinger, St. Louisville

Ella Brown McMahan, Chillicothe

Alda Antanina Maurausakas, Elyria

Connie Davis Rowlands, Worthington

Diane Catherine Steiner, Strongsville

Kris Ann Thomas, Euclid

Deborah Jo Wiley, Lodi

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Karen Sue Armstead, Cuyahoga Falls

Mary Denise Dean, Columbus

Deborah Florence Clarke, Columbus

Karen Kaiser Elbert, Hamilton

Deborah Jean Fako, Solon

Sally Jane Fehr, Cincinnati

Diane Susan Fox, Lima

Sandra Driskell Greene, Batavia

Regina Marie Grywalski, Elyseville

Nancy Marie Handwerk, Columbus

Sara Anne Herlingerhauser, Upper Arlington

Susan Eliott Hermansha, Chiloicotha

Gay Laurie Himelright, Sullivan

Maureen Rani Jennings, Cincinnati

Ellen Brandon Jewell, Hilliard

Linda Jean Kohel, Farmington, Mich.

Pamela Sue Kobelt, North Canton

Donna Marie Kortyka, Cleveland

Susan Marie Lenson, Worthington

Kay Ann Linville, Columbus

Susan Marie Long, Logan

Marcia Ann Loos, Coshocton

Susan Dignan Mack, Cleveland

Pamela Kaye Marshall, Springfield

Sue Ann Mulholand, Columbus

Debra Kaye New, Columbus

Karen Reichers, South River, N. J.

Julie Ann Reinhard, Xenia

Natalie Diane Rhodes, Willowick

Sandra Kay Ruffini, Uhrichsville

Sharon Marie Russell, Mansfield

Carol Pest Salenstein, San Antonio, Tex.

Mary Ann D. Schaefer, Norwalk

Kathy Watrous Shuel, Cincinnati

Kathryn Carol Stroh, Avon Lake

Elizabeth Ann Tonn, Kettering

Cheryl Ann Uehlein, Cincinnati

Susan Ann Weiss, Shaker Heights

Donie Marshall West, Marion

Joanne Miriam Wise, University Heights

Lynda Ann Wilson, Monroe Falls

Sandra Lynn Wittebert, Columbus

Brenda Kay Wright, Athens

Renee Louise Stepler, Youngstown

School of Nursing

Bachelor of Science in Nursing

Joanne Ruth Eros, Tiffin

Mary Kathleen Fischer, Waynesboro, Pa.

Susan Marie Heiner, Piqua

Mary Zvirblis Jerome, Worthington

Diane Lynn Lendrum, Chillicothe

Susan Anne Loach, Cincinnati

Linda Lee Losinger, St. Louisville

Ella Brown McMahan, Chillicothe

Alda Antanina Maurausakas, Elyria

Connie Davis Rowlands, Worthington

Diane Catherine Steiner, Strongsville

Kris Ann Thomas, Euclid

Deborah Jo Wiley, Lodi

College of Social Work

Dean: Robert 0. Washington

Bachelor of Science in Social Welfare

Jane Ann Asher, Wilmington

Adrian Cedric McConnell, Columbus

Graduates with Honors

With Distinction in Electrical Engineering

Eric Alan Ribble

With Distinction in French

Richard L. Shroyer

With Distinction in Mathematics and with Honors in the Liberal Arts

Harry Michael Covert

With Honors in the Liberal Arts

Thomas Alan Reid

Cathryn Sue Retaliff

Thomas Herrold Smith

Cum Laude

Theresa Hecker Allen

Karen Sue Armstead

Cheryl Diane Barton

Karen Lois Burns

Sharon Sue Burns

John Anthony Calvelage

Sandra Yu-San Chang

David Andrew Clark

Melinda Kay Cole

James Mark Demsky

Gerry Lynn Dudick

Robert Timothy Durbin

Debra Kaye Evans

Paul Richard Frankland

Terrence Bishop Haas

Janet Beane Heckerhauser

Gay Laurie Himelright

Maureen Rani Jennings

Donald A. Kennard

H. Christopher Knott

Susan Marie Long

Frank Dominic Luppino

Bradley Mover Maple

LeRoy Edward Maull, Jr.

Dan Edward May

Irwin McAuley

Craig Thomas Mercier
Jeffrey Joseph Metzger
Timothy Scott Montgomery
Patrick Joseph Naah
George William Nugent
Patricia Diane Peters
Dawn Marie Prus
Susette C. Horton Putman
Ronald Allan Sasaki
Lisa Annette Smith
Gordon Eric Schick
Jane Ann Schmitz
Karen S. Sowers
Don Allen Thomas
Mabelle Thomas
Jean M. Tingley
Jawed Umerani
Anika G. Weber
Diane Kay Wilson
Cynthia Lynne Young

Cum Laude with Distinction in
Agricultural Education and Horticulture
Carol Anne Flanagan

Cum Laude with Distinction in
the Liberal Arts
Barbara Lynn Freedy

Summa Cum Laude
Thornton Dixon Adams
Mark Robert Anastett
Heidi Bieber
Louis Mitchell Bostwick
Martin Mattoon Bostwick
Patti Ann Brown
Cynthia Kessler Davidson
Bethanne Friedman
Louis Jay Innemeyer
Beth Ann Ketterhenrich
Kelly Jean Koolker
Elizabeth Mary Krantz
Cynthia A. Krummel
Kimberly Kay Light
Rays Ann Marker
Holly Anne Perin
Eric Alan Ribble
Joseph Paul Strellecki
Brent William Wright
Jan Ellen Wright

Summa Cum Laude with Distinction in
Plant Pathology
Susan Leigh Stanton

Summa Cum Laude with Distinction in
Wildlife Management
Brian Jay Blair
THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND SIXTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 24, 1980

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, Chester Devenow, in a special meeting on Monday, November 24, 1980, at 3:00 p.m., at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

November 24, 1980 meeting, Board of Trustees

REVISED BUDGET 1980-81: STATUS REPORT

Introduction

On November 10, three days after the University Board of Trustees held its November meeting, the Ohio Office of Budget and Management announced that State support for public higher education would be cut by three percent. This second cut, following less than six months after the imposition of an earlier three-percent reduction, results in a direct loss in 1980-81 state support of $10.8 million for the University. Because of continuing declines in projections of State revenue and the exemption of welfare and elementary and secondary education programs from the latest reduction, the State may have an estimated $350 million shortage of income for 1980-81. A shortage of this magnitude can only be met by massive budget cuts and/or a tax increase.

This status report on the University's budget, therefore, is made against a background of uncertainty about the future. The uncertainty is further heightened by recent state actions that have placed a disproportionate share of the State's fiscal problems on higher education. The Ohio State University alone has had to bear more than one tenth of the State's latest expenditure reduction. Indeed, the state's colleges and universities, although they account for approximately 14 percent of the State's general funds budget, have been called on to bear nearly one half of the recent cutback.

With two cuts already imposed, and uncertainty about the possibility of a third reduction—both its timing and magnitude—the formulation of a definitive plan of action is difficult. Already, portions of the University's plan to adjust to the first three percent reduction have been superseded by the second cut. The plans that we present today for that second cut may be temporary and amended later as new events develop.

To recap our actions in response to the first reduction, the University increased instructional fees by $10 a quarter effective Autumn Quarter, eliminated a planned three percent midyear salary adjustment, and developed plans to reduce the staffing level of the University by keeping positions vacant as openings occurred.

In response to the second three-percent cut, we have imposed an immediate freeze on all hiring, except where absolutely necessary to generate income, to protect the health and safety of the campus, to meet contractual obligations, or to staff courses that had prior administrative approval. Further, we have stopped the purchase from the general fund of all scientific, instructional, office, or other equipment costing more than $500.

These two measures were taken to slow down University expenditures until such time as a more detailed plan could be implemented. The outline of this plan is contained in this status report, along with a discussion of the relationship of this plan to future actions that might be necessary.

Amount of Budget Cuts

Total Reduction. The total six percent reduction in State funding will have the following effects on the various budgets of the 1980-81 University budget adopted on June 12.
November 24, 1980 meeting, Board of Trustees

REVISED BUDGET 1980-81: STATUS REPORT (contd)

Unrestricted General Funds - Columbus $ 8,708,600
  - Regional Campuses 389,800
Cooperative Extension Service 407,400
University Hospitals 775,600
Other Designated Activities (e.g., Labor Education & Research) 549,200

TOTAL $10,830,600

Each of the areas above are at work cutting their budgets to accommodate to these reductions. Our attention today will be directed toward the Unrestricted General Funds of the Columbus Campus which support the primary instructional and support activities of that campus.

Magnitude of General Funds Problem. The Unrestricted General Funds of the University will be reduced by $8.7 million as a result of a reduction of six percent in State support. Because interest rates in the economy have risen dramatically during the past two months, an upward revision to our general funds revenue of $1.0 million can be applied to offset partially the reduction in State funding, resulting in a net reduction of $7.7 million to be handled through a combination of fee increases and expenditure reduction.

Actions Taken and Proposed

Overview of Retrenchment Plan. During the first phase of the retrenchment, the following actions were taken to balance the University’s budget:

- Instructional fee increase of $10 per quarter effective Autumn Quarter. Gain $1.2 million.
- Elimination of 3 percent midyear salary increase. Save $1.36 million.
- Staff reduction plans in colleges/offices. Save $1.79 million.
- First quarter 1980-81 savings beyond staff reduction. Save $0.60 million.

In sum, the measures taken during the first quarter of the current fiscal year will offset $4.95 million of the $7.70 million budget deficit facing the University.

To meet the remaining $2.75 million deficit and to prepare for future exigencies, the following are planned:

- Additional instructional fee increase of $15 per quarter effective Winter Quarter, 1981. Gain $1.20 million.
- Continued hiring freeze and new expenditure ceilings imposed on colleges and offices. Save $1.55 million.
In the aggregate, the $8.7 million cutback in General Funds will be met in the following manner.

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<tr>
<th>Description</th>
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<td>Increased Interest Revenue</td>
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<td>Increased Instructional Fees</td>
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<tr>
<td>Eliminate Midyear Salary Increase</td>
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<tr>
<td>Retrenchment/Savings</td>
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<td><strong>TOTAL</strong></td>
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**Fee Increase.** This plan contains a proposed $15 per quarter fee increase to be effective for the Winter Quarter, 1981. This increase, generating approximately $1.2 million in 1980-81, would offset 28 percent of the latest $4.35 million cut in State funding for the Unrestricted General Fund. When combined with the Autumn $10 per quarter increase, the total annual increase over three quarters of $60 per student ($10 for three quarters and $15 for two quarters) would likewise cover 28 percent, or $2.4 million, of the $8.7 million total cut imposed on the University’s General Fund to date.

**Hiring Freeze and College/Office Retrenchment.** Given the uncertain future, the University will maintain the hiring freeze imposed on Colleges and Offices for an indefinite period. The savings realized from this freeze will be incorporated into a plan of broader retrenchment targets imposed on each unit in the University. These targets, applied selectively on the basis of analyses of workload factors and the amount of flexibility contained in each unit’s budget, will total $3.34 million for the General Funds budgets - $1.79 million to meet the first phase of the retrenchment and $1.55 million to offset the deficit created by the second cutback.

Each unit will surrender funds in the amount of the retrenchment target to the University along with plans that will incorporate projected savings to be made through the hiring freeze along with other measures taken. The guidelines for these plans will contain limits on the amount of savings to be gained through deferral of equipment purchases, which would mortgage future budgets. Although every effort will be made to protect student employment, it is important to understand that with cuts of this magnitude, there can be no guarantee that we can do so in all instances.

These new retrenchment targets will be distributed to the Colleges and Offices on December 3, 1980.

**Other Economy Measures and Revenue Production.** At the same time that the managers of each unit in the University are effecting savings in their individual operations, the University will move ahead with intensive analyses of the following.

- Review of the energy conservation program to determine if additional savings can be made without endangering the health and safety of the campus community.

- Development of a plan to cut back temporarily the maintenance of the University’s buildings and grounds.
November 24, 1980 meeting, Board of Trustees

REVISED BUDGET 1980-81: STATUS REPORT (contd)

- Sharp curtailment of contracts for the repair of University facilities until future funding levels are known.

- Review of savings to be gained by shortening the hours of operation of the Library, recreational facilities, and student unions—along with the lessening of broadcast hours of the WOSU radio and television stations.

The following series of reviews are in progress to gain increased income for the University's General Fund.

- The rate of indirect cost recovery from sponsored projects is being reassessed to ensure that the University is being compensated to the maximum extent for sponsored activities occurring on the campus.

- The University's charge-back methods for services provided to the Auxiliary operations of the University have been under extensive review for some time and changes in those methods will be effected.

In this process, we are not retrenching units which support their activities without General Funds support, i.e., gain their funds through charges for services or through restricted funds provided by outside sponsors. Examples of operations that support their direct expenditures exclusively through charges are Intercollegiate Athletics and the Residence and Dining Halls. Savings in these operations and in restricted funds would produce no additional income for the University's General Funds. Capital projects funded by direct state appropriation are also excluded because such funds could not be diverted to general university use.

The University also will not lay off personnel during this phase of the retrenchment because it does not have insurance to cover unemployment compensation. In the short run, the payment of such compensation to furloughed staff would greatly reduce any savings made by personnel reduction.

We are, of course, renewing our total effort to achieve savings and generate additional income beyond those specific activities mentioned above. With interest rates again increasing, we are renewing our strong efforts to keep a maximum amount of the University's money invested at the highest possible rates. We must gain those higher interest earnings despite our reduced cash position which has resulted from delayed State subsidies. Our recently strengthened Development Fund staff is being called on to intensify our fund-raising efforts. Units providing services to the public are being asked to reassess their charges for such services to ensure that maximum income is gained. Where charges are not made we must determine whether to institute charges for services or eliminate the services. Clearly, in our state of emergency, we can no longer let federal price guidelines artificially limit justifiable charges for our services.

We are not forgetting that we face a longer-range future which will certainly be mortgaged by the current severe cuts, the existing erosion in faculty and staff salaries, the long backlog of equipment replacement and building repair needs, and other deferred problems that must
be faced sooner or later. With the future catch-up required, we are determined to protect the University's endowment fund and its capital resources, including replacement funds for major equipment items and preventive maintenance of facilities. We must not leave this University to face the difficult times of the 1980's with the crib containing its seed corn laid bare by short-sighted attempts to meet the crises of the moment.

We will keep the Board and the University community informed of further developments as they occur.

President Enarson:

Mr. Chairman and Members of the Board, this is a special meeting of the Board of Trustees held in advance of its regularly scheduled meeting which is set for December 11. It is the first such special meeting that we have called in the 8-plus years that I have spent with the University. The occasion for this event is, of course, the second cut made in the instructional subsidy and in other items which bear on the budget of the University and which, by the same token, bear heavily upon the administration and upon the Board of Trustees.

Before asking Dr. Vandament to walk us through the revised budget status report which is in your agenda book, and before presenting the one item of action which we are here to recommend, I would simply say that the adjustments and the initiatives which we are talking about here today are directly, entirely, and exclusively related to the second three percent cut, and according to the information that Mr. Napier brought back from downtown (and he is sitting here in the audience should any of you care to address him) and according to the item by Duane St. Clair in the noon edition of the Dispatch, a meeting is to be held at four o'clock today--I assume in the Governor's office--to review the next steps. Obviously we have no way of knowing what action, if any, will be taken by the Governor and/or the General Assembly. So to repeat, the report which we present today relates entirely, exclusively, and totally to the second three percent cut; it relates in no way to any cut which may be taken in the future.

With that as preface, could I please ask Dr. Vandament to walk us through this presentation as expeditiously as possible.

Dr. Vandament:

All right. The report itself is contained in your books and I'll try to highlight some of the relevant facts. The first three percent cut in state funding reduced the University's funds by $5.4 million; the second, likewise, by $5.4 million so that in the aggregate there is a total reduction in state support to all of the operations of the University of $10.8 million. Now, $8.7 million of the $10.8 million are to be borne by the unrestricted general funds, the funds which provide the primary support to our academic and support programs, and we will focus primarily on that unrestricted general funds portion today. The people in Cooperative Extension, the University Hospitals, and the other designated activities of the University are at work presently developing plans to respond to the aggregate of a six percent cut in state funding.
November 24, 1980 meeting, Board of Trustees

Dr. Vandament: (contd)

If we look at the general funds problem of $8.7 million and relooking over our budget entirely, we are at this time revising income projections upward by $1 million based on increased interest rates in the general economy. We are hoping that we can gain additional revenue from our cash management program of $1 million to help offset this $8.7 million deficit, so this would leave us then with a net aggregate $7.7 million problem to deal with. You are aware of the actions we took during the first phase and those actions resulted in a total savings or increase in income to offset some $4.95 million of that $7.7 million deficit to the unrestricted general fund. To meet the remaining $2.75 million deficit, we are proposing that there be an additional instructional fee increase of $15 per quarter, effective Winter Quarter 1981, and this would gain the University $1.2 million of the shortfall.

We have, as you know, currently a hiring freeze on personnel and a freeze on purchase of items of equipment that exceed $500 in value. We propose to continue the hiring freeze indefinitely and to then establish a new umbrella expenditure ceilings on each of the colleges and offices of the University to save an additional $1.55 million. In the aggregate, therefore, to meet the $8.7 million cutback, we are proposing an increase in instructional fees of $15 per quarter effective with the Winter Quarter. In total, then, the budget adjustment would involve gaining $1 million of increased revenue through our cash management program, gaining in the aggregate—from the earlier $10 per quarter fee increase and the proposed $15 per quarter fee increase, gaining another $2.4 million. Tying in with that—counting the elimination of the midyear salary increase that we already effected which saves us $1.36 million—then, in terms of retrenchment and savings, imposing savings and retrenchment targets totalling $3.94 million to make up the remaining shortfall. I think that provides an overview of the plan.

We are, of course, looking to a variety of additional means to effect savings in the University and other means to increase our revenues, and we would be happy to speak to them if anyone is interested in those. If the increased revenues and any additional savings that we make are not necessary to meet any future cuts in state funding, we would apply the savings or increased revenue to offset or to provide some relief to our colleges and offices of the budget cuts that we are imposing.

Mr. Devenow: Any questions for Dr. Vandament?

Mr. Redman:

I would like to ask Dr. Vandament if this reduction—would it apply only to the balance of the current fiscal year, these measures that you speak of?

Dr. Vandament:

Yes, yes. Our problem now is one of reducing immediately our expenditures for the 1980-81 fiscal year.

Mr. Redman: Which ends June 30.
November 24, 1980 meeting, Board of Trustees

Dr. Vandament:

Which ends June 30, 1981, yes. There is a parallel budgetary process that will be undertaken shortly to consider the 1981-82 fiscal year. Now that parallel process will have to include also consideration of restoration of some of the items that we have cut during the 1980-81 year. In some instances, for example, with equipment replacement, we are deferring expenditures rather than being able to eliminate expenditures. In a sense we are mortgaging next year's budget, so next year's budget will also have to take that into account as we develop it.

Mr. Redman:

What you're saying is that we have to pick up $8.7 million from the general funds.

Dr. Vandament: From the general funds.

Mr. Redman:

Seven months rather than twelve months. We have to get these savings within the next seven months. That's better than $1 million per month.

Dr. Vandament: That's correct.

Mr. Devenow:

Bill, I don't want to get into this at this point, but I think the Board ought to be provided with a cash flow as well as a budget statement; in other words, where is there going to be anything to protect us against any mistake you might make in the next seven months?

Dr. Vandament:

Our cash flow situation is one in which the varying organizations and units within the University have different cash flow problems so we will have to or we have pulled together an aggregate cash flow picture. I might add that our cash position at this point is not as sound as it normally is because we are, at the same time that we are receiving budget cuts, we are also receiving late cash payments from the state for our instructional subsidy and late payments to the University Hospitals and the other operations as well. This is why in spite of the high interest rates we have now, we cannot project higher cash management returns. I think your question is appropriate.

Mr. Devenow:

I think, Bill, that we would like to see a cash flow statement; but suppose your target on $1 million from money management does not prove itself out. We want to know where you are at 'cash-wise,' so we don't wake up some morning and find that you are out of money or you can't pay your bills.

Dr. Vandament: All right. I'll be happy--

Mr. Devenow:

I think the Board ought to have a copy of that and really study it. Any other questions of Dr. Vandament?
November 24, 1980 meeting, Board of Trustees

Mr. Smith:

The state deficit is about $400 million and this retrenchment is three percent--$50 million--leaves the state deficit around $350 million yet to be handled one way or the other. To save $50 million in their state budget takes in one percent of across-the-board cut in the budget including all segments of that budget. To make up $350 million, we would have to have a seven percent across-the-board cut in all budgets in the state including higher education, primary and secondary education--everybody would have to receive it. Seven percent would have to be absorbed in six months, so it would have to be a fourteen percent annualized cut. Now we are talking about minor sums right now. When you're looking down the road at a figure like that, how are we going to handle a figure like that? I think we ought to think about that when we think about this.

President Enarson:

Could I make a quick comment before Bill attempts to respond to that? I made a brief comment before all the Board members were here and I think that comment bears repeating. You are exactly right; we are dealing here only with a known, definite cut: the second three percent cut. In no way are we dealing with the future. We are in the unenviable position of not knowing what order of magnitude of cut is likely or probable or certain--even worse, we don't know when that action will be taken, whether it will be taken at four o'clock today or whether it will be taken tomorrow or taken sometime this week or not taken until later. And to go back to Mr. Redman's point, the longer the delay, the greater the compounding of the problem. I said to the Chairman before the meeting began, we have our regularly scheduled Board meeting December 11 and clearly we will have before us extremely serious budgetary matters, but I would say that at such time as a decision is reached at the state level, it is essential that this Board be called into session just as quickly as we can have a quorum because at that time to the best of our ability we will pinpoint as best we can the nature of the situation and what steps we can take. One further quick comment, and that is I am reading with considerable interest, prurient interest, what other institutions in other states are doing. There is a certain amount of showboating that can take place that grabs the public attention, but I think the responsible course of action is to minimize the damage to the institution over time, and I simply want to assure all members of the Board that we're dedicated to just that. Bill--

Dr. Vandament:

Yes, clearly the plan that we are presenting today would not accommodate specifically for future cuts, although this plan does indicate some of the areas in which we are embarking on additional savings that we hope will not have to be used to meet future cuts, but can be used to soften the blow of some of the existing cuts. It would be our intent to respond very quickly to any further developments downtown but we do have some difficulty with running through a list of possibilities that might create undue panic within the University at this time.

Mr. Devenow:

We understand that, but I think what Warren is getting at, we asked about this at a prior meeting. You're in an economic war now and we want to know what all
Mr. Devenow: (contd)

your battle plans are--as Warren says if they break through your lines and you can't seal them up, where are we? In other words, let's assume that it gets worse and we want to know what your plans are when it does get worse and there's no use panicking about it but we will do something about it.

Dr. Vandament: Yes.

Mr. Devenow:

So get us prepared for it. I think that's what you're getting at. That's what you are getting at, isn't it, Warren?

Dr. Vandament:

We'll be prepared to release those quickly and in a timely fashion as soon as new developments occur.

Mr. Smith:

I would like to know, for example, endowment funds, can those be tapped? Are they restricted?

Dr. Vandament: Some are and some are not.

Mr. Smith:

Is it possible that we could make a one-time withdrawal from those to get us across this problem?

Dr. Vandament:

We could make a one-time withdrawal from some of those endowment funds.

Mr. Smith:

And maybe have the endowment funds subsidize this University and not the professors.

Dr. Vandament:

Well, the endowment fund would subsidize the University's problem for a short term but when we draw down the endowment, of course, we are in effect eating our seed corn for the future.

Mr. Smith: Well, sometimes you have to do that.

Mr. Devenow:

Warren, I think that would be an emergency measure but what I think you are asking for--

Mr. Smith: But that's what I would like to know.
November 24, 1980 meeting, Board of Trustees

Mr. Devenow:

Definitely, and I think you are entitled to know that and that’s the thing, Bill, that we want you to look at and to produce for us.

Dr. Vandament: Yes, I’ll be very happy to do that—well, not happy but—

Mr. Devenow:

That’s one of those counter-productive things because if he does that then his money management may get into trouble.

Mr. Smith: So we are in trouble.

Mr. Devenow: We are in trouble. Any other questions of Dr. Vandament?

Dr. Jacob: I’d like to ask about the status of the state fee ceiling. Has that expired?

Dr. Vandament: No, that fee ceiling—

President Enarson: We’re well within it.

Dr. Jacob: Will we be at the top of it with this latest increase?

Dr. Vandament: Not yet.

Dr. Jacob:

Still more room to go? When will that expire? That was for a specific period of time, wasn’t it?

Dr. Vandament:

That would expire at the end of this biennium, so that if we’re moving beyond that we would have to request special relief from it.

President Enarson: That was part of the budget, was it not?

Dr. Vandament: It was part of the appropriation bill for this biennium.

Dr. Jacob: Where are we going to be relative to that maximum with this increase?

Dr. Vandament:

Well, in part this depends upon the interpretation of the legislation because the legislation was framed in such a way that we were allowed to increase fees approximately three percent for every one percent which existed between the Consumer Price Index for calendar year 1979 and seven percent. This was, however, contingent upon a level of appropriation by the General Assembly which will no longer be held and so we would have to negotiate whether we would be allowed to reduce the threshold point because the appropriation level has not held to that contained in the original bill. My assumption is that we are not close to that limit.

Mr. Devenow: Any other questions? Mr. President—
November 24, 1980 meeting, Board of Trustees

President Enarson:

You have before you a specific recommendation which my colleagues and I submit with considerable reluctance.

Mr. Devenow:

Have you all had a chance to read the resolution? If not, I'll give you a minute to do so. Mr. President, do you want to read it or--

President Enarson:

Yes, I think it would be helpful because we have a number of interested people and they are symbolically representative of 59,000 students and 3,000 faculty and perhaps 21,000 persons on our payroll and untold numbers of parents and untold numbers of people who now enjoy the multiple services of this institution, including the Cooperative Extension work done in 88 counties.

FEE INCREASES, EFFECTIVE WINTER QUARTER, 1981

Resolution No. 81-59

Synopsis: Authorization is requested to increase the instructional fee.

WHEREAS the Instructional Subsidy from the State has already been reduced by $9.1 million for 1980-81; and

WHEREAS major expenditure reductions already made by the University and planned for the future will leave the University’s budget in a deficit condition unless accompanied by increases in income; and

WHEREAS an increase of $15 per quarter for Winter and Spring Quarters for all students produces $1.2 million; and

WHEREAS an increase in charges to students would offset approximately 28 percent of the most recent 3 percent cut to the general fund leaving $3.15 million to be made up by other measures:

NOW THEREFORE

BE IT RESOLVED, That the instructional fee for full-time students be increased by $15 a quarter, effective the Winter Quarter, 1981.

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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SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1981 (contd)

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## SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1981 (contd)

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SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1981 (contd)

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being $60 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being $60 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

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The Board recessed in Executive Session for the purpose of discussing personnel-related issues.

--o--

The Board reconvened following the Executive Session and the meeting adjourned without taking any action.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
The Board of Trustees met at its regular monthly meeting on Thursday, December 11, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the November 7, 1980 and November 24, 1980 meetings were approved.
December 11, 1980 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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 personnel-related matters and legal issues.


The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 81-60

Synopsis: Resolutions honoring the service of four of this 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 Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Clifford A. Angerer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 14, 1980, of Clifford A. Angerer, Professor Emeritus in the Department of Physiology.

Born in Philadelphia, August 9, 1905, Professor Angerer attended the public schools of that city and St. Stephens College, Columbia University, where he received his A.B. degree in zoology. He was an Instructor in zoology from 1935 to 1939 at the University of Pennsylvania where he received his Ph.D. degree in 1937. Professor Angerer, for many years, spent his summers as an Investigator at the Marine Biological Laboratory at Woods Hole, Massachusetts. He was appointed Instructor in physiology at The Ohio State University in 1939, Assistant Professor in 1943, Associate Professor in 1947, and Professor in 1954.

In 1928 and 1929, Clifford Angerer was awarded the Pyrun Prize in Biology at Columbia University. He was a Virginia Gibbs Scholar at Harvard University in 1929, a University Scholar at the University of Pennsylvania in 1932, and was appointed as a Harrison Fellow at the University of Pennsylvania in 1933 and 1934. Professor Angerer served as Membership Chairman in 1954 and Vice President for Medical Sciences of the Ohio Academy of Science in 1955; he served as a member of the John and Samuel Bard Award in Medical Science Committee in 1962. In 1964, he was elected by honor students at The Ohio State University as one of ten faculty "who had done the most to aid their college work."
December 11, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Clifford A. Angerer (contd)

As a member of the physiology faculty from 1939 until he retired in July 1976, Professor Angerer was well known for his pioneer work in the field of cellular physiology. His earlier work on the effects of mechanical pressure, temperature gradients, and electrical fields on the physical properties of protoplasm is widely quoted. Later, he and his students published many papers on the effect of steroid hormones on tissue metabolism, permeability and water balance in tissue. He also published on the effects of lipid diets on the metabolism of arteries, heart, and kidney in experimental atherogenesis. Although he published more than 70 papers, Clifford Angerer's greatest joy was in the accomplishments of his students, many of whom went on to administrative positions in the National Institutes of Health or became outstanding investigators in their own right and chaired departments of physiology.

Professor Angerer was a Fellow of the American Association for the Advancement of Science and the American Heart Association. He was a long-time member of the American Institute of Biological Sciences, American Physiological Society, American Society of Zoologists, Ohio Academy of Science, New York Academy of Science, and Sigma Xi. He was a charter member of the Society of General Physiologists.

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.

Edward N. Cook

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 4, 1980, of Dr. Edward N. Cook, Assistant Professor Emeritus in the College of Dentistry.

Dr. Cook received his D.D.S. degree from The Ohio State University College of Dentistry in 1917. He was a member of the faculty from 1944-1963 when he retired. He also maintained a successful private practice.

Dr. Cook was a member of the Board of Regents of Capital University for 12 years. He was a life member of the American Dental Association, a member of the Ohio State Dental Association, Columbus Dental Society, and Grace Evangelical Lutheran Church. He was also a member of Psi Omega Dental Fraternity and Omicron Kappa Upsilon Dental Honorary Fraternity.

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 11, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Jacqueline D. Sisson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 29, 1980, of Jacqueline D. Sisson, Professor in the University Libraries.

Ms. Sisson received her Bachelor of Arts degree in French in 1946 from The Ohio State University and joined the staff of the University Libraries in October 1947. She began service in the Fine Arts Library the following year, became Head of the Fine Arts Library in 1959, and was promoted to the rank of Professor in 1980.

From her first years with the University Libraries, Professor Sisson gave careful attention to selecting and acquiring books and journals needed to support research and teaching in the arts. During her tenure, the collections grew from 10,000 to over 60,000 volumes, achieved preeminence among Ohio’s libraries, and gained a national reputation as a resource center for research in the arts field. Professor Sisson’s sensitive understanding of the work of both scholars and students translated into a model of effective library service to the University community. Ms. Sisson’s wider interest in research librarianship was manifest in the outstanding record of professional service and publication. She was the prime mover in the formation and continuing success of the consortium known as Art Research Libraries of Ohio, she served the Art Libraries Society of North America in many capacities, and she devoted much attention to cooperative endeavors among art librarians in several related professional associations. Her record of publications is extensive and was recognized in 1976 by the prestigious Professional Award of the Special Libraries Association. In August 1980, Professor Sisson received this University’s Distinguished Service Award in recognition of her inspiring example of professional excellence and record of devoted service.

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. Yoder

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 23, 1980, of Robert E. Yoder, Professor Emeritus in the Department of Agronomy.

Dr. Yoder was born on October 29, 1906, at Wooster, Ohio. He obtained his B.S. and Ph.D. degrees from the College of Agriculture and Home Economics at The Ohio State University, and in 1932 he was named Assistant Professor of soils and agricultural engineering at Alabama Polytechnic Institute (now Auburn University) and the Alabama Agricultural Experiment Station. He later returned to Ohio as Associate Agronomist at the Ohio Agricultural Research and Development Center.

Dr. Yoder was named Agricultural Research and Administration Advisor for the US/AID program at Punjab Agricultural University in Punjab, India, from 1963-65, and served the same post at the University of Udaipur in Rajasthan, India, from 1965-67.
RESOLUTIONS IN MEMORIAM (contd)

Robert E. Yoder (contd)

During his assignment in India, he was on leave from the Ohio Agricultural Research and Development Center. He returned to Wooster and assumed his Assistant Director's post at the Research Center in 1967. He retired and was named Assistant Director Emeritus at the OARDC in 1973 and Professor Emeritus in the Department of Agronomy at the University.

During his lifetime, he was active in the American Society of Agronomy, Soil Science Society of America, American Society of Agricultural Engineers, American Geophysics Union, Sigma Xi, Gamma Sigma Delta, Gamma Alpha, and Delta Theta Sigma.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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DISTINGUISHED SERVICE AWARD

Resolution No. 81-61

Synopsis: Recommendation for one individual to receive a Distinguished Service Award is proposed.

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended one individual for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipient:

Arnold E. Ross

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 Award be approved for awarding as designated above.

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

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December 11, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 81-62

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Medical Staff Appointments 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 7, 1980 meeting of the Board, including the following Appointment, Medical Staff Appointments and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

Appointment

Name: GERALD P. BRIERLEY
Title: Professor and Acting Chairman
Department: Physiological Chemistry
Effective: December 5, 1980
Salary: $45,600.00 (12-month)
Present Position: Professor, Department of Physiological Chemistry, The Ohio State University

Medical Staff Appointments

Effective November 12, 2080

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<tr>
<th>Name</th>
<th>Appointment</th>
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<tbody>
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<td>C. Patrick Carroll, M.D.</td>
<td>Courtesy Staff</td>
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<tr>
<td>James Tanley, Ph.D.</td>
<td>Associate Staff</td>
<td>Physical Medicine and Rehabilitation</td>
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<td>David E. Roberts, M.D.</td>
<td>Transfer from Courtesy Staff to Attending Staff</td>
<td>Preventive Medicine</td>
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<td>(Emergency Medicine)</td>
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<tr>
<td>Theophil T. Sutton, M.D.</td>
<td>Transfer from Attending Staff to Courtesy Staff</td>
<td>Preventive Medicine</td>
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<td></td>
<td></td>
<td>(Emergency Medicine)</td>
</tr>
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<td>David S. Mendelowitz, M.D.</td>
<td>Limited Staff</td>
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<td>William Hughes, M.D.</td>
<td>Courtesy Staff (Transfer from General Medicine to Allergy)</td>
<td>Medicine</td>
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<tr>
<td>William F. Mitchell, M.D.</td>
<td>Courtesy Staff (Transfer from Rheumatology to Allergy)</td>
<td>Medicine</td>
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</table>

Emeritus Titles

BRUCE D. GRAHAM, Department of Pediatrics, with the title Professor Emeritus, effective July 1, 1981.

HERBERT H. HADLEY, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective December 1, 1980.
PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

CLYDE H. KEARNS, JR., Department of Engineering Graphics, with the title Professor Emeritus, effective February 1, 1981.

ALBERT ROMEO, Department of Engineering Graphics, with the title Professor Emeritus, effective February 1, 1981.

RUDOLPH SPEISER, Department of Metallurgical Engineering, with the title Professor Emeritus, effective July 1, 1980.

PAUL T. YARRINGTON, Department of Engineering Graphics, with the title Professor Emeritus, effective January 1, 1981.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-64

Synopsis: The report on contracts, grants, and gifts and the summary for October 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of October 1980, be approved.

Dr. Jacob: Could I ask a question here?

President Enarson: Yes.
December 11, 1980 meeting, Board of Trustees

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

Dr. Jacob:

On B under Part I, $1,250,000—is that cash that comes in in this time frame on long-range commitments that people have made—that they say they're going to pay part of it in this year and then part of it in subsequent years, is that what that represents?

Dr. Vandament:

It really is a combination of that sort of thing plus instances in which we may have been left funds in the estate, been named in estates—it also represents that kind of settlement as well.

President Enarson:

On the next page you'll see a—this is the first time we have presented this kind of data and I hasten to say that it's dangerous to make too much of any one figure here because you have to look at giving over a period of time before you can find much that is meaningful. But the overall percentage, I think, is heartening because we seem to be up in a number of categories, and with respect to the totals, we've got a percentage change of 74.8 per cent. Very quickly, we are also trying to get a better definition of numbers of donors because to the extent that we count small gifts which come in in response to the pleas of WOSU, we are confusing the picture, so we're working that out. I believe we do need a motion.

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

Mr. Havens:

Mr. Chairman, it seems to me that the gain of 74.8 per cent in those three months, that's just fantastic and Mr. Buxton certainly ought to be complimented. Both in numbers and dollars, he's really got this thing going, I think. It's pretty darn encouraging.

President Enarson:

We're surely hoping it's not an aberration. It's not the result of any one big gift, I made sure that that wasn't true.

Mr. Havens:

That's great. The whole department sounds like they're getting moving.

Mr. Devenow: Okay, thank you, Jack; it's very gratifying.
December 11, 1980 meeting, Board of Trustees

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

SUMMARY FOR OCTOBER 1980

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<th>Source</th>
<th>No. of Projects</th>
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<td>The Ohio State University Research Foundation</td>
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<td>Engineering Experiment Station</td>
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<td>$7,333,742.60</td>
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The Ohio State University Development Fund

Establishment of Named Funds

Dr. L. S. Pettit Pedodontic Endowment Fund
(Pedodontic Post-Graduate Training Program) $10,260.37

Price Family Agricultural Fund
(College of Agriculture) $9,450.00

Report from Presidents Club

Members to date 4,425
1980: year to date 1,046
New members - October 1980 13

New Presidents Club Members - October 1980

<table>
<thead>
<tr>
<th>Elliott Bonnie III</th>
<th>Thomas B. Hobson</th>
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<tr>
<td>Don L. Bremer</td>
<td>Michael G. Murphy</td>
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<tr>
<td>Alfred G. Cochran</td>
<td>James A. Page</td>
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<td>John T. Edwards, Sr.</td>
<td>Marc Hamilton Stone</td>
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<td>H. J. Eichel</td>
<td>Roy Allen Wentzel</td>
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<td>Fredric A. Goodman</td>
<td>Alan C. Williams</td>
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<tr>
<td>Edith Hamilton Herrel</td>
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I. Liquid Assets (cash and securities)
   A. Current Solicitation Results $2,394,448.94
   B. Previously Established Pledges 1,256,494.90
II. Gifts-in-Kind 303,913.57
    TOTAL $3,954,857.41
III. Pledges Established 170,000.00
    GRAND TOTAL $4,124,857.41
IV. Deferred Gifts Established
    (See following page for calendar year report)
December 11, 1980 meeting, Board of Trustees

DEVELOPMENT FUND PROGRESS REPORT

FISCAL YEAR 1980-81

3 MONTHS (JULY, AUGUST AND SEPTEMBER, 1980)

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<th>Number of Dollars</th>
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<td>Other Organizations</td>
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December 11, 1980 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

$33,000.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Education Program, Student Financial Aids, August 1, 1980 through July 31, 1981. (Grant No. P00-80-57600)

$9,000.00 - Small Business Administration, Washington, D. C., Small Business Institute, Academic Faculty of Management Sciences, October 1, 1980 through September 30, 1981. (Contract No. SBA-5279-MA-81)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $42,000.00

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$2,274,188.00 - Department of Health and Human Services, Social Security Administration, Division of Contracts and Grants Management, Baltimore, Maryland, A Study to Determine Extent of Impairment and Potential Social Security Disability Eligibles, Mershon Center for Education in National Security (S. Z. Nagi), 29 September 1980 through 28 September 1982. (Project 762426 - New)

$586,366.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Utilization of Technology in the Development of Basic Skills Instruction (Mathematics), Academic Faculty of Early and Middle Childhood Education (M. L. Languis and S. Damarin) and Academic Faculty of Science and Mathematics Education (R. J. Shumway), 1 October 1980 through 30 September 1982. (Project 762431 - New)

$315,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, College of Administrative Science - Continuing Education (C. J. Slanicka and R. M. Montgomery), 1 October 1980 through 30 September 1981. (Project 761381 - Continuation)

$224,892.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 November 1980 through 31 October 1981. (Project 762463 - Continuation)

$150,392.00 - National Science Foundation, Washington, D. C., Rainfall Studies Using the Differential Reflectivity Radar Techniques, Department of Electrical Engineering (T. A. Seliga and V. N. Bringi), 15 August 1980 through 31 August 1981. (Project 762445 - Continuation)
December 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$117,682.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Ceramic Microstructure Development, Department of Ceramic Engineering (D. W. Readey), 1 October 1980 through 31 October 1981. (Project 762134 - Continuation)

$94,614.00 - Environmental Protection Agency, Washington, D. C., Biological Adequacy and Toxicity of Selenium Compounds from Food and Water, Department of Pharmacology (D. Couri), 28 May 1980 through 27 May 1981. (Project 760973 - Continuation)


$88,547.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, In Vitro, Department of Physiological Chemistry (G. E. Milo), 1 October 1980 through 30 June 1981. (Project 762178 - Continuation)

$80,574.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells In Vitro, College of Pharmacy (D. T. Witiak), 1 October 1980 through 30 June 1981. (Project 762177 - Continuation)

$76,978.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Oxidation Resistance and Magnetic and Mechanical Properties of Fe, Si and Al Alloys, Department of Metallurgical Engineering (G. W. Powell), 1 October 1980 through 30 September 1981. (Project 762438 - New)

$68,772.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Pedestrian Impact Modeling, Department of Mechanical Engineering (D. A. Guenther), 1 October 1980 through 30 September 1981. (Project 762430 - New)

December 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$64,756.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Research on Near Field Pattern Effects, Department of Electrical Engineering, ElectroScience Laboratory (W. Burnside), 29 September 1980 through 28 September 1981. (Project 762429 - New)

$60,500.00 - Department of Energy, Chicago Operations and Regional Office, Solar Energy Research Institute Site Office, Argonne, Illinois, An FMN Photosystem I Solar Battery, Department of Biochemistry (E. Gross), 1 September 1980 through 31 August 1981. (Project 761812 - Continuation)

$59,719.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels with Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. R. Blakeslee), 1 October 1980 through 30 June 1981. (Project 761657 - Continuation)


$55,863.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Simulation Studies of Apportionment of Braking Effort for the Development of Truck Braking Standards, Department of Mechanical Engineering (G. L. Kinzel and K. Waldron), 1 October 1980 through 30 September 1981. (Project 762085 - Continuation)

$54,000.00 - National Science Foundation, Washington, D. C., Development and Expression of Bacterial Viruses in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 November 1980 through 31 October 1981. (Project 761938 - Continuation)

$51,915.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Conduction Heat Transfer Analysis in Composite Materials, Department of Mechanical Engineering (L. S. Han), 1 November 1980 through 31 October 1981. (Project 761108 - Continuation)
December 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$50,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1980 through 30 September 1981. (Project 762072 - Continuation)

$49,995.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Problems of Statistical Inference and Optimization with Special Applications, Department of Statistics (J. S. Rustagi and E. J. Dudewicz), 1 October 1980 through 30 September 1981. (Project 761219 - Continuation)

$49,796.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Health Clinical Center, Bethesda, Maryland, Volunteer for Participation in Medical Research Project, Department of Entomology (J. D. Briggs), 1 October 1980 through 30 September 1981. (Project 761886 - Continuation)

$49,712.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On Aircraft Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. Rudduck), 22 September 1980 through 30 September 1981. (Project 762414 - New)

$47,128.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1981 through 31 December 1981. (Project 760325 - Continuation)

$41,273.00 - Department of Health and Human Services, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, National Workshop on Nursing Criteria: Quality Assurance in Ambulatory Settings for Children Who Have Handicapping Conditions, Nisonger Center for Mental Retardation (E. H. King), 1 October 1980 through 30 September 1981. (Project 762470 - New)

$41,018.00 - Department of Education, Rehabilitation Services Administration, Grant and Procurement Management Division, Washington, D. C., Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1980 through 31 August 1981. (Project 760885 - Continuation)
December 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$40,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Improved Modeling with Injury Prediction Capability of Human Shoulder Complex, Department of Engineering Mechanics (A. Engin), 1 October 1980 through 30 September 1981. (Project 762205 - Continuation)

$37,328.00 - Agency for International Development, Washington, D. C., Rural Poor Survey in El Salvador: Landless, Women and Off-Farm Employment, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and W. L. Flinn), 1 October 1980 through 30 September 1981. (Project 761220 - Continuation)

$33,082.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Ohio Expanded MEDIHC Effort, College of Medicine - Administration (M. V. Brown), 30 September 1980 through 28 February 1981. (Project 761854 - Continuation)

$31,659.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Studies of Airfoils for Propeller Applications (Acoustics/Performance), Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 27 October 1980 through 26 October 1981. (Project 762433 - New)

$30,407.00 - National Science Foundation, Washington, D. C., Fabric Development in Polar Ice, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans) and Institute of Polar Studies (J. F. Bolzan), 1 November 1980 through 31 October 1981. (Project 762446 - New)

$30,299.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Develop Fire Hazard Test Methods for Packaging Materials, Department of Chemical Engineering (E. E. Smith), 1 October 1980 through 30 September 1981. (Project 762443 - New)

$25,000.00 - Federal Emergency Management Agency, Washington, D. C., Studies of Disaster Evacuation Behavior and Problems, Department of Sociology (E. L. Quarantelli), 1 April 1980 through 31 December 1980. (Project 762432 - Continuation)

Federal Research Contracts/Grants (contd)

$23,916.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, On-Board Portable Data Acquisition and Processing for Vehicle Testing, Department of Electrical Engineering (H. Hemami), 1 January 1981 through 31 December 1981. (Project 761987 - Continuation)

$18,800.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Development of Methodology for Thoracic Injury Criteria, Department of Electrical Engineering (H. Hemami), 1 October 1980 through 30 June 1981. (Project 762456 - New)


$10,926.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry (Child) Residency, Department of Psychiatry (L. E. Arnold), 1 July 1980 through 30 June 1981. (Project 761764 - Continuation)

$9,999.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Analytical Model of Children in Panic Braking Environment, Department of Mechanical Engineering (D. A. Guenther), 1 October 1980 through 31 March 1981. (Project 762253 - Continuation)

$6,540.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Further Studies of the UV Spectra of Late-Type Stars, Department of Astronomy (R. F. Wing), 1 June 1981 through 31 May 1982. (Project 761634 - Continuation)

$2,500.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (B. H. Walter, R. Marhefka, and R. C. Rudduck), 15 September 1980 through 30 September 1980. (Project 761784 - Continuation)

$2,500.00 - Department of the Navy, David W. Taylor Naval Ship Research and Development Center, Annapolis, Maryland, Implant Tests on High Strength Steel, Department of Welding Engineering (D. Howden), 18 September 1980 through 31 December 1980. (Project 762406 - New)
**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

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

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

$287.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pathogenesis of Canine Distemper Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner), 1 August 1979 through 31 July 1980. (Project 761225 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** $5,424,763.00

**State of Ohio Research Contracts/Grants**

$150,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science, Center for Real Estate Education and Research (R. L. Racster), 1 July 1980 through 30 June 1981. (Project 762469 - Continuation)

$31,000.00 - The Ohio Program in the Humanities, Columbus, Ohio, "Off the Job": The Ohio Labor History Film Project, College of Administrative Science - Continuing Education (C. J. Slanicka and D. B. Patton), 1 February 1980 through 30 September 1980. (Project 761922 - Continuation)

$23,000.00 - Ohio Historical Society, Columbus, Ohio, Regional Preservation Office 7HA, Mansfield Campus (D. W. Kramer and S. McQuillin), 1 October 1980 through 30 September 1981. (Project 762441 - Continuation)


$21,682.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 4A, Mansfield Campus (D. W. Kramer and D. R. Morse), 1 October 1980 through 30 September 1981. (Project 762440 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** $247,552.00

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

$473,282.00 - University of Cincinnati, Cincinnati, Ohio, Planning, Development and Operation of an Area Health Education Centers Program (AHEC), College of Medicine - Administration (M. Tzagournis and G. L. Trzebiatowski), 30 September 1980 through 31 December 1981. (Project 762437 - Continuation)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$125,000.00 - 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 October 1980 through 31 January 1981. (Project 761731 - Continuation)

$104,020.00 - University of Minnesota, St. Paul, Minnesota, Agreement Between The Ohio State University Research Foundation and The University of Minnesota, Cooperative Extension Service - State Operations (C. W. Young) and College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 15 October 1980 through 14 October 1982. (Project 762455 - New)

$95,000.00 - University of California, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Producers, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith) and Department of Agronomy (R. W. VanKeuren), 1 June 1980 through 31 January 1981. (Project 761949 - Continuation)


$34,100.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 29 August 1980 through 31 December 1980. (Project 762377 - Continuation)

$33,731.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Evolution and Mechanisms of Symbiont-Host Recognition on Two Insect Disorders, Department of Medical Microbiology and Immunology (N. L. Somerson), 1 March 1981 through 28 February 1982. (Project 761856 - Continuation)

$30,000.00 - U. S. - Spanish Joint Committee for Scientific and Technological Cooperation, Madrid, Spain, Paleomagnetic Study of Upper Carboniferous Coal-Bearing Strata in Northwest Spain, Department of Geology and Mineralogy (H. C. Noltimier), 1 June 1980 through 31 May 1981. (Project 761703 - Continuation)

December 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$20,413.00 - Philip Morris Research Center, Richmond, Virginia, Effects of Nicotine on Learning and Memory, Department of Psychology (G. G. Berntson), 1 September 1980 through 31 August 1981. (Project 760715 - Continuation)

$20,168.00 - Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamic Effects of Anti-neoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology (R. L. Hamlin), 1 September 1980 through 31 October 1980. (Project 760245 - Continuation)

$18,014.00 - The Columbus Foundation, Columbus, Ohio, Composition Outreach, Department of English (F. O'Hare), 1 November 1980 through 31 October 1981. (Project 762467 - New)

$17,973.00 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. Benson), 1 November 1980 through 30 September 1981. (Project 762450 - New)

$14,997.00 - University of Tennessee, Knoxville, Tennessee, Modeling for Ultrasonic NDE of Columnar Structure in Anisotropic Materials, Department of Welding Engineering (L. Adler), 1 October 1980 through 28 February 1981. (Project 762453 - New)

$14,698.00 - Ribbon Technology Corporation, Canal Winchester, Ohio, Thin Steel Sheet Made from Melt Extracted Flake, Department of Metallurgical Engineering (C. E. Mobley), 1 September 1980 through 28 February 1981. (Project 762397 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Acebutolol: A Threat of Toxic Metabolites, Department of Pharmacology (B. D. Andresen), 1 October 1980 through 30 September 1981. (Project 762457 - New)

$12,000.00 - University of Tennessee, Knoxville, Tennessee, Ultrasonic Methods to Study Shadow Boundaries of Diffracting Cracks - Ultrasonic Caustics in NDE, Department of Welding Engineering (L. Adler), 15 September 1980 through 31 December 1980. (Project 762452 - New)

December 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Biological Effects of Ultrasound on Mammary Cells, Department of Radiology (A. K. Freimanis and L. J. Bronn), 15 October 1980 through 14 October 1981. (Project 762465 - New)

$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, tRNA Transglycosylase in Neoplastic Transformation, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 15 October 1980 through 14 October 1981. (Project 762451 - New)

$3,921.60 - Licking County, Ohio, Joint Vocational School District, Newark, Ohio, Projected Enrollments for the School Districts in the Licking County, Ohio, Joint Vocational School District, Academic Faculty of Educational Administration (A. E. Wohlers), 1 September 1980 through 30 April 1981. (Project 762448 - New)

$3,864.00 - Otterbein College, Westerville, Ohio, Assistance with Administrative Programming and Counseling, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 1 October 1980 through 31 May 1981. (Project 762444 - New)


$2,700.00 - Columbus Metro, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (H. J. Peters), 1 September 1980 through 31 March 1981. (Project 762458 - New)

$2,000.00 - Midlands Technical College, Columbia, South Carolina, and Durham Technical Institute, Durham, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

December 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$775.00 - Oregon State University, Corvallis, Oregon, Socioeconomic Analysis of Repository Siting, Department of Agricultural Economics and Rural Sociology (T. L. Napier), 17 July 1980 through 31 December 1980. (Project 762312 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,184,598.60

ENGINEERING EXPERIMENT STATION

Federal Sponsored Development

$14,158.00 - two sponsors for two development projects under the direction of two departments.

Industrial and Other Sponsored Research and Development

$115,950.00 - Electric Power Research Institute, Palo Alto, California, Transmission Grounding Task 1: Perform Scale Model Tests, Department of Electrical Engineering, October 1, 1980 through September 30, 1981. (EES 621/529621)

$6,624.00 - Electric Power Research Institute, Palo Alto, California, Study of Electrostatic DC Fields in Converter Stations, Extension 3, Department of Electrical Engineering, July 1, 1980 through December 31, 1980. (EES 571/529051, Extension 3)

$298,097.00 - various sponsors for 51 development projects under the direction of seven departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $420,671.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$58,660.42 - Estate Under the Will of Walter J. Bucher, Dayton, Ohio, for Ernestine G. Wampler Bucher Fund.

$50,000.00 - James D. Casto, North Miami, Florida, for James D. Casto Heart Research Fund.
December 11, 1980 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)

$43,183.76 - Louise Orr Scott Foundation, Columbus, Ohio--$32,387.82 for William Craig Orr and Mary Black Orr Scholarship in Medicine and $10,795.94 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

$39,500.00 - The Standard Oil Company, Cleveland, Ohio--$25,000.00 for College of Engineering Campaign; $7,000.00 for Sohio Chemical Engineering Fund; $5,000.00 for College of Administrative Science Fund; $2,500.00 for Affirmative Action Program in Engineering Fund.

$36,763.00 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

$27,500.00 - Shell Companies Foundation, Inc., Houston, Texas--$7,500.00 for Shell Companies Foundation Fund for Electrical Engineering; $7,500.00 for Shell Companies Foundation Fund for Metallurgical Engineering; $7,500.00 for Shell Companies Foundation Fund for Chemistry; and $5,000.00 for Mechanical Engineering Coal Combustion Laboratory Fund.

$17,330.00 - SISA Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

$16,255.00 - American Electric Power Company, Inc., Columbus, Ohio, for American Electric Power Company Fellowship.

$15,631.66 - The Textron Corporation, Providence, Rhode Island, for Joseph B. Collinson Scholarship Fund.

$15,000.00 - Adria Laboratories, Inc., Columbus, Ohio, for Clinical Pharmacology Fund.

$14,165.34 - Sterling-Winthrop Research Institute, Rensselaer, New York--$10,832.00 for Amrionone Research Dynamics and $3,333.34 for Amrionone Research - Hematology Fund.

$13,213.56 - The Grand Chapter of Ohio, Order of the Eastern Star, Danville, Ohio--$8,038.88 for Cancer Research Fund and $5,174.68 for Cardiovascular Research.

$12,500.00 - The Leo Yassenoff Foundation, Columbus, Ohio--$7,500.00 for Student Athlete Grant-in-Aid Fund; $1,000.00 for Dean's Education and Research Fund in Veterinary Medicine; $1,000.00 for Dean's Discretionary Fund for Biological Sciences; $1,000.00 for College of Education Dean's Discretionary Fund; $1,000.00 for College of Engineering Special Fund; and $1,000.00 for Pharmacy Fund.
Gifts of $5,000 or More (contd)

$12,165.00 - Laborers’ District Council of Ohio, Columbus, Ohio, for Peter Fosco/Laborers’ District Council of Ohio Scholarship Fund.

$12,000.00 - Ulrich Saxer, M.D., Columbus, Ohio, for Veterinary Surgery Research.

$10,422.00 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$10,000.00 - Mr. and Mrs. John W. Galbreath Fund of the Columbus Foundation, Columbus, Ohio (given in the name of John Galbreath), for Sphinx 75th Anniversary Gift Fund.

$10,000.00 - Union Carbide Corporation, Tarrytown, New York--$5,000.00 for Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering; $3,000.00 for Affirmative Action Program in Engineering Fund; and $2,000.00 for Union Carbide Fund.

$9,450.00 - William H. Price, II, Maumee, Ohio, for Price Family Agriculture Fund.

$8,050.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for John L. Carruthers Fellowship in Ceramic Engineering.

$8,000.00 - The Arthritis Foundation, Columbus, Ohio, for Arthritis Education Fund.

$8,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.

$7,800.00 - Weirton Steel, Weirton, West Virginia, for National Steel Fellowship in Metallurgical Engineering.

$7,685.19 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$6,734.47 - Cravat Coal Company, Cadiz, Ohio, for Ohio 4-H Foundation Support Fund.

$6,656.25 - Eastman Kodak Company, Rochester, New York, for Kodak Scholarship Program in Engineering Fund.

$6,433.00 - A. H. Robbins Company, Inc., Richmond, Virginia, for EPR-OBS Fund.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of $5,000 or More (contd)

$6,335.23 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

$6,000.00 - F. Joseph Lamb, Warren, Michigan, for Gear Dynamics and Gear Noise Research Laboratory Fund.

$5,344.00 - Tom Ross Montei, Columbus, Ohio--$4,000.00 for Friends of WOSU and $1,344.00 for Presidents Club Special Fund.

$5,124.07 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

$5,000.00 - Chicago Sun-Times Charities Fund of the Field Enterprises Charitable Corporation, Chicago, Illinois, for Milton Caniff Research Room.

$5,000.00 - Columbus and Southern Ohio Electric Company, Columbus, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

$5,000.00 - The Doody Company, Columbus, Ohio, for College of Administrative Science Fund.

$5,000.00 - The Samuel Mendel Melton Foundation, Columbus, Ohio, for Melton Fund.

$5,000.00 - The Peat, Marwick, Mitchell Foundation, New York, New York, for Peat, Marwick, Mitchell Beta Alpha Psi Seminar Fund.

$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

Gifts-in-Kind

$25,252.00 - Dr. Dwight M. DeLong, Columbus, Ohio.

$8,774.00 - James Demler, Arlington, Ohio.
December 11, 1980 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Dr. L. S. Pettit Pedodontic Endowment Fund

The Dr. L. S. Pettit Pedodontic Endowment Fund was established December 11, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni from the Pedodontic Training Program, College of Dentistry.

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

The principal and/or income is to be used to support activities associated with the Pedodontic Post-Graduate Training 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 the College of Dentistry.

Price Family Agricultural Fund

The Price Family Agricultural Fund was established December 11, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Sanford G. Price, B.S.Agr. ’19.

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

The annual interest from the principal will be used to provide scholarship and program assistance for the College of Agriculture. The Chairman of the Department of Agricultural Economics in conjunction with the Dean of the College of Agriculture will have latitude to determine the use of the funds.

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 agricultural education.

--o--
PLANS AND SPECIFICATIONS

Resolution No. 81-64

Synopsis: Plans and specifications are being proposed for the following projects.

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

<table>
<thead>
<tr>
<th>Project</th>
<th>Funding</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>BULK CHEMICAL WAREHOUSE</td>
<td>Budget Account 882046</td>
<td>$1,190,000.00</td>
</tr>
<tr>
<td>ROOF REPLACEMENTS - 1981</td>
<td>Budget Account 210134 (Supplemental Contract Repair - 1980)</td>
<td>$337,000.00</td>
</tr>
<tr>
<td>MASONRY REPAIRS (EXTERIOR) - 1981</td>
<td>Budget Account 210134 (Supplemental Contract Repair - 1980)</td>
<td>$161,000.00</td>
</tr>
</tbody>
</table>
December 11, 1980 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

DERBY HALL, INSTALLATION OF SPRINKLER SYSTEMS FOR FIRE PROTECTION

Project: Installation of complete automatic sprinkler protection in the Bookstore area of Derby Hall. The system is designed so that it can be enlarged to cover the entire building. This project is the final one in a series of partial sprinkler systems funded in the safety program approved and funded by the Ohio Board of Regents in October, 1975.

Funding: Budget Account 885043 (Campus Safety Improvements/received funds from Ohio Board of Regents)

Estimated Project Cost: $ 60,000.00

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 Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids at such time as the University budget situation is clarified, 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. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--o--

REPORT OF AWARD OF CONTRACTS

Resolution No. 81-65

Synopsis: Contracts have been awarded for the projects enumerated 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 Administration 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:
REPORT OF AWARD OF CONTRACTS (contd)

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE IV (contd)

Description: Continuation of the energy conservation programs for The Ohio State University. This project includes additional project work in various buildings which will expand the capability of the system and will be within design parameters for energy savings and communications originally established.

Temperature Control Contract

Date Received: April 16, 1975*

Bids: Alternate, unit price bids, and pricing procedures established when bids were received on Phase I, II and III of this project by the Department of Administrative Services, Division of Public Works.*

Estimate of Cost: $107,530* **

Total Project Cost: $107,530* **

Awarded to: Johnson Controls, Inc., Columbus, Ohio*

Total Contingency Allowance: Not Applicable

Budget Account 210134 (Contract Repair 1980-81) supplemental one-time funds.

*Change orders will be processed by the Division of Public Works to include alternate bids, and unit price items applicable to the expansion of the scope of work on the Central Campus Energy Control Center.

**This amount is a part of the total supplemental one-time funds $258,000 to be used for Energy Conservation projects.

MATHEMATICS BUILDING, EXTERIOR MASONRY REPAIRS

Description: Emergency repairs to the south face of the building. The brick bond in this area has failed, requiring removal of a portion of the brick and complete restoration.

General Contract

Date Received: November 7, 1980

No. of Bids: 5

Low Bid: $16,878.00*

*The General Contract is recommended for award to the second lowest bidder. The bid submitted by the low bidder was withdrawn due to error in bidding.
REPORT OF AWARD OF CONTRACTS (contd)

MATHEMATICS BUILDING, EXTERIOR MASONRY REPAIRS (contd)

General Contract (contd)

High Bid: $23,650.00

Estimate of Cost: $30,000.00

Awarded to: General Maintenance & Engineering Company, Columbus, Ohio

Total Contract: $16,878.00

Funding: Budget Account 885143

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 for the projects listed above are hereby reported.

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

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Mr. Devenow:

Mr. President, before you get into reports, we have an unusual instance here where Timothy Light of the East Asian Languages Department would like to make a presentation to the Board. Dr. Light, would you please come forward?

Dr. Light:

Thank you very much, Mr. Chairman. I am here on behalf of the East Asian Students Association which is composed of students who are taking Chinese and Japanese at our University. They have come here with two of their representatives, Kathy and John, and two of our dynamic professors, Mr. Galal Walker and Mr. Shigeru Miyagawa. They have presents for you in the form of OSU T-shirts in Chinese and Japanese. That is our Christmas present to you.

Mr. Devenow: Thank you very much.

Dr. Light:

They’re identified according to size; Mr. Scott kindly gave us an estimate of your sizes so they’re being handed out that way.
December 11, 1980 meeting, Board of Trustees

President Enarson: I hope they're accurate.

Mr. Havens: Are we allowed to open these right now?

Dr. Light:

The letter that goes with it will identify which language is on your shirt--some are Chinese and some are Japanese.

Mr. Devenow:

Thank you very much. I am sure on behalf of the Board we are delighted and in that we're not going to the Rose Bowl, we'll try to confuse the issues down at the Fiesta Bowl with this. Thank you very, very much.

President Enarson:

That's our new dynamic chairman--I didn't know he was that dynamic, though.

--o--

NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA) 
TITLE III PROGRAM, CYCLE I

The following is to report actions taken by the Ohio Board of Regents and the Department of Administrative Services, Division of Public Works to contract with consultants for projects included in the Title III Program.

The Ohio State University through the Energy Management Division has participated in the National Energy Conservation Policy Act (NECPA) Title III Program, which is a federally funded grant program to aid in energy conservation projects for schools and hospitals and for buildings owned by units of local government. Under this program the federal government provides matching funds to State government agencies for implementation of such projects. The State of Ohio, working in conjunction with the Ohio Board of Regents provides the matching funding required by federal government for such Ohio State University participation. The energy conservation projects funded under this program consist of two (2) basic forms.

1. Technical Assistance Program (TAP), which provides the financial assistance in obtaining a detailed engineering analysis to identify estimated cost of, and the energy and cost savings likely to be realized from acquiring and installing Energy Conservation Measures.

2. Energy Conservation Measures (ECM), which provides for the design, acquisition and installation of Energy Conservation Measures, to reduce energy consumption.

A Technical Assistance Program (TAP) is a prerequisite for application of an Energy Conservation Measure (ECM).
The Ohio State University has received federal grants and State of Ohio (Board of Regents) supplemental grants for the following projects, under Cycle I of the National Energy Conservation Policy Act - Title III Program:

**NATIONAL ENERGY CONSERVATION POLICY ACT TITLE III PROGRAM**

**Technical Assistance Project - TAP-1**

University Hospital Clinics

Engineer: In-House - Energy Management Division of Ohio State University

- Federal Funds: $10,232
- Ohio Board of Regents: 10,232

Total Funds: $20,464

**Technical Assistance Project - TAP-2**

University Hospital, Aero-Astro Research Laboratory, Morrill Hall - Marion Campus

Engineer: Kramer, Comer, Passe and Partners

- Federal Funds: $25,172
- Ohio Board of Regents: 25,172

Total Funds: $50,344

**Energy Conservation Measures - ECM-1**

Campbell Hall, Galvin Hall - Lima Campus, Hopkins Hall, Hughes Hall and Sisson Hall

Engineer: Larsen Engineering, Inc. ($16,540)

- Federal Funds: $66,952
- Ohio Board of Regents: 66,952

Total Funds: $133,904
December 11, 1980 meeting, Board of Trustees

NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA)
TITLE III PROGRAM, CYCLE I (contd)

NATIONAL ENERGY CONSERVATION POLICY ACT TITLE III PROGRAM
Energy Conservation Measures - ECM-2

Smith Laboratory

Engineer: Jeffrey A. Jones & Associates ($17,440)

Federal Funds - $81,972
Ohio Board of Regents - 81,972

Total Funds $163,584

The above projects are presently in design. All actions relating to the Award of Contracts will be reported to the Board of Trustees at a later meeting.

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REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY FOR
THE PERIOD JULY 1, 1976 THROUGH JUNE 30, 1978
Resolution No. 81-66

Synopsis: Report of State Auditor for The Ohio State University for period July 1, 1976 through June 30, 1978, is recommended for acceptance.

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University for the period July 1, 1976 through June 30, 1978, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in order but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and procedures have been developed in response to the changes recommended:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

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

--o--
December 11, 1980 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 81-67

RESOLVED, That the report on the University's Investment Portfolio, dated November 21, 1980, 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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PRESIDENT ENARSON'S LETTER ANNOUNCING HIS RESIGNATION

December 11, 1980

Mr. Chester Devenow, President,
Chairman and Chief Executive Officer
Sheller-Globe Corporation
1505 Jefferson Avenue
Toledo, Ohio 43624

Dear Mr. Devenow:

I wish to resign as president of The Ohio State University effective the close of business, August 31, 1981.

I inform you and your colleagues on the Board now so that the Board will have time to conduct the search for my successor.

On August 31, 1981, I will have completed nine full years as president of The Ohio State University immediately following over six years as president of The Cleveland State University. It now seems best for me, my family, and the University to step aside.

This decision has been discussed with you. I understand that you will recommend that my resignation effective that date will be accepted.

I want you to know that these have been busy and satisfying years for me and Mrs. Enarson. It is not easy to step down for I enjoy immensely my association with my colleagues, with faculty and staff, with students, with legislators, with alumni and with all the many persons who care about the University and strive to make it better.

I take great pride in being a part of the adventure of building a better University--a task that is never ended. This University means a great deal to the Enarsons. It will always be a part of our life and it will always have our support and best wishes.

Sincerely yours,

Harold L. Enarson
President

HLE/mr

--o--
December 11, 1980 meeting, Board of Trustees

CHAIRMAN DEVENOW'S LETTER OF ACCEPTANCE
OF RESIGNATION OF PRESIDENT ENARSON

December 11, 1980

Harold L. Enarson, President
THE OHIO STATE UNIVERSITY
205 Administration
190 North Oval Mall
Columbus, Ohio 43210

Dear Harold:

I have your letter stating your wish to resign as President of The Ohio State University effective August 31, 1981. You have served long and well in a difficult job with heavy responsibility. I can understand your wish to step aside. I will recommend to the Board of Trustees that your resignation be accepted.

All members of the Board are aware of the demands put upon you and Mrs. Enarson by the duties of your office. We have watched with appreciation your efforts to strengthen and improve the quality of education and research at Ohio State and to give it sound, efficient and responsive administration. We admire your courage, dedication and strong sense of excellence and recognize how much these qualities have contributed to our University.

Because of your splendid service to the University, the Trustees will want to make your transition from office as favorable as possible. I have proposed that you be appointed President Emeritus effective September 1, 1981, with the usual rights, privileges, and emoluments of that office. Because we will want and need your advice and consultation in the initial term of a new president, I have also asked the Trustees to arrange for continuing your compensation through June 30, 1982.

I am mindful that you live in a University residence at the Trustees' direction and that you will have to relocate. The University will assist you in moving your personal belongings from the Croswell Street residence, Overlook Farm and the President's Office to your new location.

Hoping that your association with The Ohio State University will continue, you may expect the Trustees to renew your Notice of Appointment as a tenured Professor of Public Administration for the academic year 1981-82 although I understand you will not undertake any teaching during that period.

All of these steps are intended to let you know how much your work is appreciated and that we understand the burdens you have carried on behalf of the University.

I know all members of the Board join me in giving warm thanks to you and Mrs. Enarson. You have our heartiest appreciation and best wishes. We look forward to working with you on the challenging problems confronting the University throughout the rest of your term.

Sincerely yours,

Chester Devenow
Chairman

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December 11, 1980 meeting, Board of Trustees

ACCEPTANCE OF RESIGNATION OF HAROLD L. ENARSON
AND CONFERRING EMERITUS TITLE

Resolution No. 81-68

WHEREAS Dr. Harold L. Enarson, on this date, has submitted his resignation of the Office of President of The Ohio State University to the Board of Trustees to be effective August 31, 1981; and

WHEREAS Dr. Enarson has given long, continuous, distinguished, and meritorious service in the extremely difficult and demanding position as President of The Ohio State University; and

WHEREAS the Board of Trustees in deep appreciation of all the efforts Dr. Enarson has made to strengthen and improve the quality of education and research at The Ohio State University and in recognition of the University's continuing desire for Dr. Enarson's advice and consultation:

NOW THEREFORE BE IT RESOLVED,

THAT the Board of Trustees accepts the resignation of Dr. Harold L. Enarson as President of The Ohio State University effective August 31, 1981; and

THAT in recognition of the courageous and dedicated service Dr. Enarson has given to The Ohio State University as chief executive officer, the Board of Trustees appoints him President Emeritus effective September 1, 1981, with all the rights, benefits and emoluments appurtenant thereto; and

THAT in recognition of the need for Dr. Enarson's advice and consultation during the initial term of the new president, Dr. Enarson continue to be paid at his current salary through the end of 1981, and that he be paid $32,500 for the period January 1, 1982 through June 30, 1982, subject to sufficient and continuing legislative appropriations where necessary; and

THAT Dr. Enarson, at his choice, be allowed to remain and to retain his residence at the Overlook Farm until June 30, 1982, and that at such time as it is necessary to relocate, the University shall assist Dr. Enarson in moving his personal belongings from the Croswell Street residence, Overlook Farm and the President's office to some new location; and

THAT Dr. Enarson's Notice of Appointment as Professor of Public Administration be renewed for the academic year 1981-82.

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

--o--
WHEREAS the Board of Trustees of The Ohio State University has this date accepted the resignation of Dr. Harold L. Enarson as President of The Ohio State University effective August 31, 1981; and

WHEREAS it is the responsibility of the Board of Trustees to insure the continuing good management of the University by selecting its president:

NOW THEREFORE BE IT RESOLVED,

THAT the Chairman of the Board of Trustees shall appoint a Search Committee with the following membership:

Four trustees, one of whom to serve as Chairman;
A member of the University faculty;
A student of the University;
A Dean from one of the University Colleges;
An alumnus of the University.

This Committee is charged with representing the interests of the University in planning and directing all aspects of a comprehensive and expeditious search for a new president, including but not limited to:

1) Retaining external professional assistance as required;
2) Developing a position description;
3) Developing a list of candidates:
4) Reviewing the qualifications of candidates; and
5) Recommending one or more candidates to the Board of Trustees at or before its regular meeting in June, 1981; and

BE IT FURTHER RESOLVED,

THAT in establishing the criteria for this position, the Search Committee shall consult with the Steering Committee of the University Senate, the officers of the Undergraduate Student Government, the officers of The Ohio State University Alumni Association, representatives of The Ohio State University Hospitals Board, and, as appropriate, with representatives of other university-wide organizations, employees, and constituencies, the Search Committee shall look to the office of the Secretary to the Board of Trustees for internal assistance and coordination as required during the search, and shall serve until discharged by the Board of Trustees or upon the appointment of a president.

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

--o--
Thereupon the Board adjourned to meet Friday, February 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
THE OHIO STATE UNIVERSITY

OFFICIAL PROCEEDINGS OF THE

ONE THOUSAND ONE HUNDRED AND SIXTY-FIFTH MEETING

OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 6, 1981

The Board of Trustees met at its regular monthly meeting on Friday, February 6, 1981, 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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February 6, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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 personnel-related matters.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 81-70

Synopsis: Resolutions honoring the service of three of this 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 Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Bernard F. Mooney

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 26, 1980, of Bernard F. Mooney, Professor Emeritus in the College of Education.

Professor Mooney received his M.Ed. degree from Springfield College in 1928.

Professor Mooney became a member of the faculty in the Division of Physical Education in 1923 while he also served as varsity wrestling coach for the Athletic Department. He retained this joint appointment until his retirement in 1964.

For many years, Professor Mooney was the coordinator of the Basic Required Physical Education Program for freshmen students. He taught activity skills and teacher education courses and supervised student teachers. He is the author of two books, Boxing for Beginners and Wrestling for Beginners.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.
February 6, 1981 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Christine Rayer Nichols

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 7, 1980, of Christine Rayer Nichols, Professor Emeritus in the College of Social Work.

Professor Nichols received her Bachelor of Arts degree in 1926 from Wittenberg College and her Master of Science in Social Administration degree in 1938 from Case Western Reserve University.

Professor Nichols joined the faculty of the School of Social Work of The Ohio State University in October 1954 as an Assistant Professor. She was promoted to the rank of Associate Professor in October 1957. Professor Nichols' teaching responsibilities were centered in the area of Social Group Work. From October 1964 until her retirement in January 1970, she served as Assistant Director of the School of Social Work.

Professor Nichols served as Assistant Professor at the University of Denver School of Social Work from 1942 to 1943 and as Associate Professor at Case Western Reserve School of Applied Social Science from 1944 to 1954.

Professor Nichols' career included teaching and social work. She taught high school in Logan County from 1926 to 1936 and in Galion from 1943 to 1945. She was a social worker in North East Neighborhood House, Minneapolis, Minnesota, from 1938 to 1940. From 1940 to 1942, she was the Executive Director of Lincoln Park Community Center, Denver, Colorado.

Professor Nichols made extensive and significant contributions to professional and community groups. She was a member of the American Association of Group Workers, the American Association of Schools of Social Work, and the Council on Social Work Education. She was active with the Council of Social Agencies and the Volunteer Bureau in Denver and the YWCA in Cleveland. She was a member of the Board of Directors of the Columbus Federation of Settlements and the Board of Directors of Wittenberg University.

Professor Nichols’ many contributions to the University and to society were characterized by her commitment to high standards of education and social work practice.

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.

Wilbur E. Stuckey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 12, 1981, of Wilbur E. Stuckey, Professor Emeritus in the Cooperative Extension Service.

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RESOLUTIONS IN MEMORIAM (contd)

Wilbur E. Stuckey (contd)

Mr. Stuckey was born February 8, 1911, in Seneca County. He graduated from Bloomville High School in 1929 and from The Ohio State University with Bachelor of Science in Agriculture and Master of Science degrees in 1933 and 1944 respectively. He began his career with The Ohio State University in 1941 as a Teacher-Trainer in the Department of Agricultural Education. In 1944 he transferred to the Department of Agricultural Engineering as Farm Safety Specialist where he continued to serve OSU until 1952.

In 1955, Mr. Stuckey returned to The Ohio State University as Specialist and later as Assistant to the Director and finally Leader, Safety for the Ohio Cooperative Extension Service. His service to The Ohio State University included membership on several University committees including the Faculty Council, the Faculty Advisory Committee to the Board of Trustees and the President and the Rules Committee. He retired March 31, 1976.

Throughout his career he was a dedicated and highly respected educator. His efforts in safety brought distinction to him and the University. He was recognized throughout the country as an expert in safety programs. Among his contributions was the design of the slow-moving vehicle emblem which is used nationwide.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Stuckey 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. Stuckey 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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SEARCH COMMITTEE

Resolution No. 81-71

Synopsis: Change in membership of Search Committee.

WHEREAS the Board of Trustees at the meeting held December 11, 1980, adopted Resolution No. 81-69 specifying membership on the Search Committee on Selection of a President of The Ohio State University; and

WHEREAS the Board of Trustees of The Ohio State University authorized the Chairman of the Board to appoint a Search Committee on Selection of a President of The Ohio State University; and

WHEREAS after consultation with members of the Board of Trustees, members of the faculty, and other constituent groups, it was the consensus view that the membership composition of the Search Committee should be enlarged:

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NOW THEREFORE

BE IT RESOLVED, That the Search Committee on Selection of a President of The Ohio State University shall comprise the following membership:

Trustees

Four members of the Board of Trustees

Faculty

Five members of the University faculty to be nominated by the Steering Committee of the University Senate

Students

President of the Graduate/Professional Council
President of the Council of Graduate Students
President of the Undergraduate Student Government
(Appointment of student members refers to those individuals serving in office during the 1980-81 academic year)

Dean

A dean to be selected from one of the seventeen colleges

Alumnus

The President of The Ohio State University Alumni Association who will be serving during the 1981-82 academic year

Non-Teaching Employee

An individual who is knowledgeable about the University and who is recognized by his/her associates for competency, ability and overall interest in the University

and

BE IT FURTHER RESOLVED, That the action in changing the membership of said Committee be ratified.

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

--o--
February 6, 1981 meeting, Board of Trustees

SEARCH COMMITTEE APPOINTEES

Resolution No. 81-72

Synopsis: Appointments to Search Committee are recommended.

WHEREAS in accordance with the provisions of Section 3335.09 of the Revised Code, the Board of Trustees of The Ohio State University shall elect [and] fix the compensation of the President . . . ; and

WHEREAS President Harold L. Enarson has indicated his intention to resign as President of The Ohio State University on August 31, 1981; and

WHEREAS Dr. Enarson’s resignation was accepted at the meeting held on December 11, 1980; and

WHEREAS the Board of Trustees authorized the Chairman of the Board to appoint a Search Committee to assist in the process of selecting a successor to President Enarson:

NOW THEREFORE

BE IT RESOLVED, That the designation of the following individuals for membership on the Search Committee be ratified:

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<thead>
<tr>
<th>Trustees</th>
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<tbody>
<tr>
<td>Mr. John F. Havens, Chairman</td>
<td>Mr. Leonard J. Immke</td>
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<tr>
<td>Mr. D. James Hilliker</td>
<td>Dr. John D. Jacob</td>
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<tr>
<td>Dr. John B. Gabel</td>
<td>Dr. William B. Shook</td>
</tr>
<tr>
<td>Dr. Joan R. Leitzel</td>
<td>Dr. Thomas G. Skillman</td>
</tr>
<tr>
<td>Dr. William M. Protheroe</td>
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<th>Students</th>
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<tbody>
<tr>
<td>Dr. Judith K. Gwathmey</td>
<td>Mr. Scott Line</td>
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<tr>
<td>Mr. Paul LaRue</td>
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<table>
<thead>
<tr>
<th>Dean</th>
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<tr>
<td>Dr. Diether Haenicke</td>
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</table>

<table>
<thead>
<tr>
<th>Alumnus</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. D. Wayne Ashby, Jr.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-Teaching Employee</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mrs. Janice D. Walker</td>
<td></td>
</tr>
</tbody>
</table>

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

--o--
HONORARY DEGREES

Resolution No. 81-73

Synopsis: Approval is requested for awarding honorary degrees.

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:

Richard J. Anderle  Doctor of Science
Eileen Heckart  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. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--o--

BUDGET SUMMARY (SECOND QUARTER 1980-81)

Resolution No. 81-74

Synopsis: The second quarter budget summary, 1980-81, is presented for review and acceptance.

This budget summary for the second quarter 1980-81 contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Included are the effects on Columbus Campus unrestricted funds of actual Autumn Quarter enrollments and the state budget cuts through the third cut announced in December. This cut resulted in a reduction of unrestricted resources of $1.45 million with the cut to all funds totaling $1.8 million. Revisions to restricted funds net to a $500,000 decrease from the first quarter report representing redistributions and reclassifications of grant and contract activity along with state budget cuts. Revisions to earnings operations income and expense reflect adjustments based on activity to date.

WHEREAS the second quarter report of the 1980-81 current funds budget covering the period October through December, 1980 is presented for review by the Board of Trustees and its income and expense estimates deviate by less than one-half of 1 per cent from the 1980-81 budget approved by the Board in November, 1980; and

WHEREAS the projected expenditures and commitments of the second quarter report for 1980-81 are supported by adequate income:
NOW THEREFORE

BE IT RESOLVED, That the accompanying second quarter budget report be accepted.

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

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1980-81
(IN THOUSANDS)

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget</th>
<th>Proposed Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 7, 1980</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Columbus Campus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instruction and General</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Departmental Instruction and Research</td>
<td>$174,267</td>
<td>$173,542</td>
</tr>
<tr>
<td>Libraries</td>
<td>10,984</td>
<td>10,808</td>
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<tr>
<td>Other Academic Support</td>
<td>3,849</td>
<td>3,748</td>
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<tr>
<td>Sponsored Programs Administration</td>
<td>6,307</td>
<td>6,297</td>
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<tr>
<td>Student Services</td>
<td>9,877</td>
<td>9,879</td>
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<tr>
<td>Plant Operation</td>
<td>28,360</td>
<td>28,409</td>
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<tr>
<td>Institutional Support</td>
<td>19,780</td>
<td>19,658</td>
</tr>
<tr>
<td>Total Instruction and General</td>
<td>$253,424</td>
<td>$252,341</td>
</tr>
<tr>
<td>Sponsored Research</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federally Sponsored Programs</td>
<td>$ 36,730</td>
<td>$ 37,005</td>
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<tr>
<td>Other Externally Sponsored Programs</td>
<td>10,481</td>
<td>10,364</td>
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<tr>
<td>Internally Sponsored Programs</td>
<td>511</td>
<td>505</td>
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<tr>
<td>Total Sponsored Research</td>
<td>$ 47,722</td>
<td>$ 47,874</td>
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<tr>
<td>Public Service</td>
<td></td>
<td></td>
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<tr>
<td>University Hospitals</td>
<td>$100,182</td>
<td>$ 99,661</td>
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<tr>
<td>Cooperative Extension Service</td>
<td>22,144</td>
<td>22,122</td>
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<tr>
<td>Externally Sponsored Programs</td>
<td>16,162</td>
<td>15,990</td>
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<tr>
<td>Internally Sponsored Programs</td>
<td>5,572</td>
<td>5,370</td>
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<td>Total Public Service</td>
<td>$144,060</td>
<td>$143,143</td>
</tr>
<tr>
<td>Student Aid</td>
<td>$ 7,019</td>
<td>$ 7,341</td>
</tr>
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</table>

Revised Budget

November 7, 1980

Proposed Revised Budget

February 6, 1981 meeting, Board of Trustees

BUDGET SUMMARY (SECOND QUARTER 1980-81) (contd)
February 6, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1980-81
(IN THOUSANDS) (contd)

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget</th>
<th>Proposed Revised Budget November 7, 1980</th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbus Campus (contd)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auxiliaries</td>
<td></td>
<td></td>
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<tr>
<td>Student Housing</td>
<td>$ 24,761</td>
<td>$ 24,764</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>10,326</td>
<td>10,451</td>
</tr>
<tr>
<td>University Bookstores</td>
<td>6,119</td>
<td>6,519</td>
</tr>
<tr>
<td>Student Health Service</td>
<td>2,925</td>
<td>2,901</td>
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<tr>
<td>Student Unions</td>
<td>2,885</td>
<td>2,886</td>
</tr>
<tr>
<td>Parking Facilities</td>
<td>3,247</td>
<td>3,247</td>
</tr>
<tr>
<td>University Airport</td>
<td>2,917</td>
<td>2,917</td>
</tr>
<tr>
<td>Fawcett Center for Tomorrow</td>
<td>1,767</td>
<td>1,767</td>
</tr>
<tr>
<td>Other</td>
<td>751</td>
<td>751</td>
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<tr>
<td>Total Auxiliaries</td>
<td>$ 55,698</td>
<td>$ 56,202</td>
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<tr>
<td>TOTAL COLUMBUS CAMPUS</td>
<td>$507,923</td>
<td>$506,901</td>
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</table>

Regional Campuses

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget</th>
<th>Proposed Revised Budget</th>
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</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$ 197</td>
<td>$ 198</td>
</tr>
<tr>
<td>Lima Campus</td>
<td>2,710</td>
<td>2,684</td>
</tr>
<tr>
<td>Mansfield Campus</td>
<td>2,730</td>
<td>2,684</td>
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<tr>
<td>Marion Campus</td>
<td>1,564</td>
<td>1,571</td>
</tr>
<tr>
<td>Newark Campus</td>
<td>2,252</td>
<td>2,272</td>
</tr>
<tr>
<td>Agricultural Technical Institute</td>
<td>2,950</td>
<td>2,896</td>
</tr>
<tr>
<td>Wright-Patterson Graduate Center</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>TOTAL REGIONAL CAMPUSES</td>
<td>$ 12,503</td>
<td>$ 12,405</td>
</tr>
<tr>
<td>GRAND TOTAL</td>
<td>$520,426</td>
<td>$519,306</td>
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</table>
February 6, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET
(IN THOUSANDS)

<table>
<thead>
<tr>
<th>Revised Estimate November 7, 1980</th>
<th>Proposed Revised Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbus Campus</td>
<td></td>
</tr>
<tr>
<td>Government Appropriations</td>
<td></td>
</tr>
<tr>
<td>State of Ohio</td>
<td>$169,489</td>
</tr>
<tr>
<td>Federal</td>
<td>68,386</td>
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<tr>
<td>Other</td>
<td>8,362</td>
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<tr>
<td>Subtotal</td>
<td>$246,237</td>
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<tr>
<td>Student Fees</td>
<td></td>
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<tr>
<td>Instruction and General</td>
<td>$ 68,760</td>
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<tr>
<td>Room and Board</td>
<td>20,050</td>
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<tr>
<td>Other</td>
<td>3,997</td>
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<tr>
<td>Subtotal</td>
<td>$ 92,807</td>
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<tr>
<td>Other Income</td>
<td></td>
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<tr>
<td>Auxiliary Sales and Charges</td>
<td>$122,119</td>
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<tr>
<td>Department and University Services</td>
<td>15,074</td>
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<tr>
<td>Endowment Income</td>
<td>4,782</td>
</tr>
<tr>
<td>Gifts and Grants</td>
<td>20,153</td>
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<tr>
<td>Temporary Investments</td>
<td>7,500</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$169,628</td>
</tr>
<tr>
<td>TOTAL COLUMBUS CAMPUS</td>
<td>$508,672</td>
</tr>
<tr>
<td>Regional Campuses</td>
<td></td>
</tr>
<tr>
<td>Lima Campus</td>
<td>$ 3,038</td>
</tr>
<tr>
<td>Mansfield Campus</td>
<td>3,134</td>
</tr>
<tr>
<td>Marion Campus</td>
<td>1,829</td>
</tr>
<tr>
<td>Newark Campus</td>
<td>2,666</td>
</tr>
<tr>
<td>Agricultural Technical Institute</td>
<td>3,234</td>
</tr>
<tr>
<td>Wright-Patterson Graduate Center</td>
<td>100</td>
</tr>
<tr>
<td>TOTAL REGIONAL CAMPUSES</td>
<td>$14,001</td>
</tr>
<tr>
<td>GRAND TOTAL</td>
<td>$522,673</td>
</tr>
</tbody>
</table>
February 6, 1981 meeting, Board of Trustees

President Enarson:

With respect to the next item which is a matter of expanding slightly as an employee education/self-improvement program, they simply modified the terms of eligibility in some relatively small, but we think significant, fashion. I'm wondering, Madison, if you would care to speak to this because you have been intimately involved in the shaping of this particular revision.

Mr. Scott:

Mr. President, Mr. Chairman, and Members of the Board, you may recall April 1--a year ago--the Board of Trustees passed a resolution which, in effect, limited the number of course hours that persons who were regular employees could take as students of the University. I believe it was limited to eight for undergraduate work and six for graduate work. The policy, you may be aware, was challenged in several places by several groups of persons. One was the Personnel Board of Review and subsequently, in the courts. The courts affirmed the Board of Trustees' authority as well as the Personnel Board of Review to specify conditions of employment for persons who were employed as regular employees. The policy was also challenged as a part of a collective bargaining agreement that we have with the Ohio Nurses Association. As a part of that agreement, as you may know, there is what is called a binding arbitration feature of anything that goes through the grievance process. In the binding arbitration part of this grievance, the arbitrator, in keeping with the agreement, concluded that the University had, indeed, not complied with the contractual terms of that agreement. In response both to the court opinion as well as to the arbitrated determination, it has been suggested by a number of persons that we should modify the policy slightly to raise the number of hours that a full-time employee might take and not be penalized for taking course work at the University and the limits now would be ten hours in any one academic quarter, and more specifically, if there were special requirements that an individual would have to take that would be required for graduation, the University would be in position to make an exception to that.

EMPLOYEE EDUCATION/SELF-IMPROVEMENT

Resolution No. 81-75

Synopsis: Employee Education/Self-Improvement Program is being proposed.

WHEREAS the University encourages regular non-teaching staff members to further their education and self-improvement; and

WHEREAS "regular" employment is defined as employment which is continuous in nature with the University and carries with it the term "regular appointment" and customarily requires the services of an individual on a regularly scheduled and continuing basis; and

WHEREAS opportunities are provided to eligible regular non-teaching staff to enroll in coursework at the University and be reimbursed instructional and general fees and non-residence fees, for up to seven credit hours of coursework per academic quarter as set forth in § 10 of the University Operating Manual; and
EMPLOYEE EDUCATION/SELF-IMPROVEMENT (contd)

WHEREAS it has been determined that in order to ensure reasonable and uniform application of this policy, the privilege extended to regular non-teaching staff to enroll as students of the University should be limited and subject to a definitive policy statement:

NOW THEREFORE

BE IT RESOLVED, That effective Spring Quarter, 1981 regular non-teaching staff may enroll as students in degree-granting or other credit programs of the University for not more than ten credit hours of coursework per academic quarter; and

BE IT FURTHER RESOLVED, That exception to the ten-hour maximum limit of this policy may be made only upon recommendation of the appropriate administrative official and concurrence of the Office of Personnel Services and only if the applicant seeking the exception demonstrates that it is necessary to permit the applicant to take a course required for graduation which is not otherwise available to the applicant; and

BE IT FURTHER RESOLVED, That this policy supersedes Board of Trustees' Resolution No. 80-46, dated November 30, 1979.

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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PERSONNEL ACTIONS

Resolution No. 81-76

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Reappointment of Chairmen of Departments and Director of School, Medical Staff Appointments, Leaves of Absence Without Salary, 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 11, 1980 meeting of the Board, including the following Appointment, Reappointment of Chairmen of Departments and Director of School, Medical Staff Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

Appointment

<table>
<thead>
<tr>
<th>Name</th>
<th>OSCAR FISCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Professor and Chairman</td>
</tr>
<tr>
<td>Department</td>
<td>City and Regional Planning</td>
</tr>
<tr>
<td>Salary</td>
<td>$48,000.00 (12-month)</td>
</tr>
<tr>
<td>Effective</td>
<td>February 1, 1981</td>
</tr>
<tr>
<td>Present Position</td>
<td>Professor, Department of City and Regional Planning</td>
</tr>
</tbody>
</table>
February 6, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairmen of Departments and Director of School

July 1, 1981 through June 30, 1985

Microbiology
Music

Robert M. Pfister
David L. Meeker

October 1, 1981 through September 30, 1985

German
Linguistics

David Benseler
David Dowty

Medical Staff Appointments

Effective December 3, 1980

Name
Gregory I. Brooks, D.O.
John D. Martino, M.D.

Appointment
Courtesy Staff
Courtesy Staff

Clinical Division
Pediatrics
Anesthesiology

Leaves of Absence Without Salary

J. DENNIS NOLAN, Professor, Department of Psychology, effective October 1, 1981 through December 31, 1981, to perform research at Fairview Hospital.

JERROLD RICHARD VOSS, Professor, Department of City and Regional Planning, effective January 1, 1981 through June 30, 1981, to continue in his post as Deputy Director of Research and Development for the United Nations Center for Human Settlements.

MCHENRY BOATWRIGHT, Associate Professor, School of Music, effective January 1, 1981 through September 30, 1981, to continue his work on the Duke Ellington Sacred Mass at St. John’s Cathedral the Divine in New York.

Emeritus Titles

JACK CALVERT, Department of Chemistry, with the title Professor Emeritus, effective February 1, 1981.

FRANK W. CHORPENNING, Department of Microbiology, with the title Professor Emeritus, effective February 1, 1981.

SAMUEL CORSON, Department of Psychiatry, with the title Professor Emeritus, effective February 1, 1981.

FRED E. KINDIG, Academic Faculty of Accounting, with the title Professor Emeritus, effective January 1, 1981.
Emeritus Titles (contd)

WILLIAM H. PEAKE, Department of Electrical Engineering, with the title Professor Emeritus, effective January 1, 1981.

JOHN A. PRIOR, Department of Medicine, with the title Professor Emeritus, effective July 1, 1981.

D. ALEXANDER SEVERINO, Academic Faculty of Educational Foundations and Research, with the title Professor Emeritus, effective February 1, 1981.

MERLE E. SCHEETZ, Cooperative Extension Service, with the title Associate Professor Emeritus, effective January 1, 1981.

CLYDE D. GUMP, College of Dentistry (Prosthodontics), with the title Assistant Professor Emeritus, effective January 1, 1981.

VIRGINIA E. SMILEY, University Libraries, with the title Assistant Professor Emeritus, effective January 1, 1981.

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

--o--

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-77

Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December 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 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of November and December, 1980, be approved.

Upon motion of Mr. Galbreath, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
February 6, 1981 meeting, Board of Trustees

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

SUMMARY FOR NOVEMBER 1980

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>48</td>
<td>$3,017,763.00</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>16</td>
<td>114,302.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$3,132,065.00</td>
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</table>

The Ohio State University Development Fund

Establishment of Named Funds

- The C. Victor Kendall Loan Fund (College of Agriculture and Home Economics) $64,429.00
- Carl L. and Elizabeth Broughton Scholarship in Agriculture Fund (College of Agriculture and Home Economics) $50,000.00
- The John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering Fund (Department of Mechanical or Metallurgical Engineering) $39,463.58
- The Ernest Robert Keppel Foundation Fund (Undergraduate scholarships) $34,446.92
- The Evan J. Crane Memorial Scholarship Fund (Undergraduate Scholarships - College of Agriculture and Home Economics) $14,515.00
- The Ruth L. Higgins Memorial Scholarship Fund (Graduate student scholarships - Department of History) $11,996.47
February 6, 1981 meeting, Board of Trustees

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

SUMMARY FOR NOVEMBER 1980 (contd)

Report from Presidents Club

Members to date 4,432
1980: year to date 1,053
New members - November 1980 7

New Presidents Club Members - November 1980

Cynthia J. Cochran (Mrs. Jamme J.) Bruce W. Trager
Robert S. Donoho, Jr. Edith Walter (Mrs. William A.)
William C. Kraner Robert L. Wigor
Philip Parsons
February 6, 1981 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1980

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>72</td>
<td>$4,275,472.30</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>30</td>
<td>11,772.00</td>
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<tr>
<td></td>
<td></td>
<td>$4,287,244.30</td>
</tr>
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</table>

The Ohio State University Development Fund

Establishment of Named Funds

- William H. Davis Scholarship Fund for Basic Medical Research (Departments of Surgery and Medicine) $184,546.25
- The James Hay and Ruth Jansson Wilson Professorship in Cardiology Fund (Proposed professorship in cardiology) $55,175.00
- The Frank J. Tate Scholarship in Journalism (School of Journalism) $7,500.00
- The Gerald B. Rice Memorial Fund (Gerald B. Rice Theatre Prize - Mansfield Campus) $6,000.00
- The D. Lois Gilmore Memorial Award (Department of Textiles and Clothing) $5,000.00
- The Robert E. Schaefer Scholarship Fund (School of Journalism) $5,000.00
- Shirley A. Brooks Scholarship in Agriculture (Undergraduates in College of Agriculture and Home Economics) $3,500.00
- The Judge William M. Drennen Award Fund (College of Law) $3,095.00
February 6, 1981 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1980 (contd)

Report from Presidents Club

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Members to date</td>
<td>4,443</td>
</tr>
<tr>
<td>1980: year to date</td>
<td>1,064</td>
</tr>
<tr>
<td>New members - December 1980</td>
<td>11</td>
</tr>
</tbody>
</table>

New Presidents Club Members - December 1980

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priscilla D. Banning (Mrs. George W.)</td>
<td>Bette F. Lagos (Mrs. John H.)</td>
</tr>
<tr>
<td>Dale E. Crossen</td>
<td>Daniel R. McGahagan</td>
</tr>
<tr>
<td>C. William Frysinger</td>
<td>Barbara C. Nordholt (Mrs. James S.)</td>
</tr>
<tr>
<td>Maureen S. Frysinger (Mrs. C. William)</td>
<td>Gilbert H. Reese</td>
</tr>
<tr>
<td>Marilyn J. Huheey</td>
<td>Richard G. Reichel</td>
</tr>
<tr>
<td></td>
<td>Carl W. Thomas</td>
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SECOND QUARTER SUMMARY
October 1, 1980 through December 31, 1980

OFFICE OF BUSINESS AND ADMINISTRATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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</thead>
<tbody>
<tr>
<td>FEDERAL</td>
<td>2</td>
<td>$42,000.00</td>
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<tr>
<td>OTHER NON-FEDERAL</td>
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<td>694,860.00</td>
</tr>
<tr>
<td>GRAND TOTAL</td>
<td>3</td>
<td>$736,860.00</td>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY
October 1, 1980 through December 31, 1980

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<td><strong>FEDERAL</strong></td>
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<td>National Aeronautics and Space</td>
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<td>$ 277,828.00</td>
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<td>Administration</td>
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<td>National Science Foundation</td>
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<td>Department of Defense</td>
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<td>Department of Education</td>
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<td>Department of Health and Human Services</td>
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<td>Other Federal</td>
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<td><strong>TOTAL - FEDERAL</strong></td>
<td>120</td>
<td>$10,985,586.00</td>
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<td><strong>STATE OF OHIO</strong></td>
<td>16</td>
<td>$ 1,158,695.00</td>
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<td><strong>INDUSTRIAL, PRIVATE, AND OTHER</strong></td>
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<td>NON-FEDERAL SPONSORS</td>
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<td>$ 1,311,008.90</td>
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<td><strong>GRAND TOTAL</strong></td>
<td>198</td>
<td>$13,455,288.90</td>
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</table>
## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### SECOND QUARTER SUMMARY

October 1, 1980 through December 31, 1980

ENGINEERING EXPERIMENT STATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<td>FEDERAL</td>
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<td>INDUSTRIAL AND OTHER</td>
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<td><strong>GRAND TOTAL</strong></td>
<td><strong>101</strong></td>
<td><strong>$560,903.00</strong></td>
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February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$600,000.00 - Department of Health and Human Services, Social Security Administration, Division of Contracts and Grants Management, Baltimore, Maryland, A Study to Determine Extent of Impairment and Potential Social Security Disability Eligibles, Mershon Center for Education in National Security (S. Z. Nagi), 29 September 1980 through 28 September 1982. (Project 762426 - Continuation)

$180,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski and W. D. Burnside), 1 October 1980 through 30 September 1981. (Project 761461 - Continuation)

$116,573.00 - Environmental Protection Agency, Washington, D. C., Disinfection of Giardia Lamblia Cysts with Chlorine, Chlorine Dioxide and Ozone, Department of Civil Engineering (O. J. Sproul and A. J. Rubin) and Department of Medicine (J. J. Fromkes), 27 October 1980 through 26 October 1982. (Project 762487 - New)

$110,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Cooperative Program, Engineering Experiment Station, Water Resources Center (R. C. Stiefel), Department of Zoology (T. M. Cavender and D. A. Culver), Department of Chemical Engineering (L. S. Fan), and Department of Entomology (W. J. Collins), 1 October 1980 through 30 September 1981. (Project 762387 - Continuation)

$100,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 October 1980 through 30 September 1981. (Project 762363 - Continuation)

$98,635.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Silver Spring, Maryland, Phase I/II Clinical Evaluation of Biological Response Modifiers for the Treatment of Cancer, Department of Medicine (J. J. Rinehart and J. A. Neidhart), 30 September 1980 through 31 October 1981. (Project 762482 - New)

$91,586.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Rites of Adjustment: Therapy at the Workplace, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (D. M. Ronchi), 25 September 1980 through 31 August 1981. (Project 762434 - New)
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<tr>
<th>Amount</th>
<th>Agency</th>
<th>Description</th>
<th>Principal Investigator(s)</th>
<th>Start Date</th>
<th>End Date</th>
<th>Project Number</th>
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<td>$90,300.00</td>
<td>National Science Foundation, Washington, D. C.</td>
<td>Investigation of Comagmatic Complexes Using Isotope Systematics, Department of Geology and Mineralogy (K. A. Foland)</td>
<td>1 November 1980 through 31 October 1982.</td>
<td>(Project 762479 - New)</td>
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<td>$90,000.00</td>
<td>Department of the Navy, Office of Naval Research, Arlington, Virginia</td>
<td>Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao)</td>
<td>15 September 1980 through 14 September 1981.</td>
<td>(Project 760226 - Continuation)</td>
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<td>$80,000.00</td>
<td>Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts</td>
<td>RCS Studies of Jet Intakes, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak)</td>
<td>1 October 1980 through 30 September 1981.</td>
<td>(Project 762016 - Continuation)</td>
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<td>$76,377.00</td>
<td>Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts</td>
<td>The Study of Factors Affecting the Precise Estimation of the Earth’s Gravity Field, Department of Geodetic Science (R. H. Rapp)</td>
<td>1 October 1980 through 31 October 1981.</td>
<td>(Project 761451 - Continuation)</td>
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<td>$70,000.00</td>
<td>Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio</td>
<td>EO Device Signature Reduction, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon)</td>
<td>1 October 1980 through 31 August 1981.</td>
<td>(Project 762341 - Continuation)</td>
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<td>$59,300.00</td>
<td>National Science Foundation, Washington, D. C.</td>
<td>Coriolis-Force Modifications of Three-Dimensional Stratified Flows, Department of Aeronautical and Astronautical Engineering (M. R. Foster)</td>
<td>1 November 1980 through 31 October 1982.</td>
<td>(Project 762483 - Continuation)</td>
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<td>$57,287.00</td>
<td>National Aeronautics and Space Administration, Washington, D. C.</td>
<td>Investigation of Infrared Spectra of Atmospheric Gases to Support Stratospheric Spectroscopic Investigations, Department of Physics (J. H. Shaw)</td>
<td>1 November 1980 through 31 October 1981.</td>
<td>(Project 761420 - Continuation)</td>
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<td>$55,000.00</td>
<td>National Science Foundation, Washington, D. C.</td>
<td>Molecular Studies of Genetic Regulation in Neurospora, Department of Biochemistry (G. A. Marzluf)</td>
<td>1 December 1980 through 30 November 1981.</td>
<td>(Project 762490 - Continuation)</td>
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<td>$51,422.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland</td>
<td>Acanthamoeba Strain Comparisons: Mitochondrial DNA, Department of Microbiology (T. J. Byers)</td>
<td>1 December 1980 through 30 November 1981.</td>
<td>(Project 762493 - New)</td>
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</table>
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$46,473.00 - National Science Foundation, Washington, D. C., Optimal Sociality, Department of Zoology (T. C. Grubb), 1 November 1980 through 31 October 1982. (Project 761505 - Continuation)

$44,712.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Color and Brightness Channels of the Visual System, Division of Sensory Biophysics (C. R. Inglgling, Jr.), 30 September 1980 through 29 September 1981. (Project 761926 - Continuation)

$43,459.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Environmental and Genetic Effects on Gravity Receptors: A Morphological, Physiological and Behavioral Study, Department of Otolaryngology (D. J. Lim), 1 October 1980 through 30 September 1981. (Project 760657 - Continuation)

$41,211.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Extending the Geometrical Theory of Diffraction Using the Moment Method, Department of Electrical Engineering, ElectroScience Laboratory (R. G. Kouyoumjian), 1 October 1980 through 30 September 1981. (Project 761245 - Continuation)

$40,000.00 - National Science Foundation, Washington, D. C., Molecular Beam Studies of Reactions of Laser-Excited Metal Atoms with Gases Using Spectroscopic Detection of Products, Department of Chemistry (J. M. Parson), 1 March 1981 through 28 February 1982. (Project 762056 - Continuation)

$36,000.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Bureau of Veterinary Medicine, Rockville, Maryland, A Study to Develop an Experimental Disease Model in Horses, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 22 September 1980 through 28 September 1981. (Project 761916 - Continuation)

$26,803.00 - Department of the Air Force, Aeronautical Systems Division (AFSC) Wright-Patterson Air Force Base, Ohio, Investigation of the Boundary Layer Behavior on Turbine Airfoils, Department of Mechanical Engineering (L. S. Han), 1 October 1980 through 1 June 1981. (Project 761650 - Continuation)
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$9,909.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Program Planning Measurement of Surface Ship Radar Backscatter at HF for Target Identification Studies, Department of Electrical Engineering, Electro-Science Laboratory (A. A. Ksieniski and E. K. Walton), 19 September 1980 through 30 November 1980. (Project 762427 - New)

$7,926.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO2 Concentration, Department of Physiology (A. L. Kunz), 1 December 1980 through 31 March 1981. (Project 761572 - Continuation)


TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $2,301,013.00

State of Ohio Research Contracts/Grants

$187,499.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1980 through 30 September 1981. (Project 764100 - Continuation)

$116,849.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, Telecommunications Technical Assistance, National Regulatory Research Institute (D. N. Jones and C. Mount-Campbell), 15 October 1980 through 14 October 1981. (Project 762468 - Continuation)

$7,500.00 - State of Ohio, Department of Health, Columbus, Ohio, Anti-Ganglioside Antibody Activity in the Serum of Patients with Lupus Erythematosus, Department of Medicine (R. L. Whisler and C. L. Hitchcock), 1 November 1980 through 30 June 1981. (Project 762481 - New)

$3,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Assessing and Preventing Deformity in Juvenile Rheumatoid Arthritis, School of Allied Medical Professions (C. Burnett), 1 November 1980 through 30 June 1981. (Project 762475 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 314,848.00
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants


$85,994.00 - Southwest Research Institute, San Antonio, Texas, Electromagnetic Reradiation Theoretical Prediction for Complex Building Structures, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 23 October 1980 through 23 December 1981. (Project 762461 - Continuation)

$43,614.00 - Cedars-Sinai Medical Center, Los Angeles, California, Cooperative Clinical Trial on the Dissolution of Gallstones by Bile Acid Feeding, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1980 through 31 August 1981. (Project 762380 - Continuation)


$25,986.00 - The New York State Education Department, Division of Occupational Education Supervision, Albany, New York, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762472 - Continuation)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Erythrocyte Beta Receptors: Reliability and Application, Department of Medicine (D. V. Unverferth), 1 November 1980 through 31 October 1981. (Project 762488 - New)

$17,620.00 - Upper Arlington Public Schools, Upper Arlington, Ohio, Career Education Intern Project, Academic Faculty of Special Services (J. J. Quaranta), 1 September 1980 through 1 June 1981. (Project 762476 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, In Vitro Valve Fibroblasts, Department of Pathology (N. Baba), 1 November 1980 through 31 October 1981. (Project 762486 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Radioimmunologic Diagnosis of Acute Renal Tubular Injury, Department of Medicine (R. A. Zager), 1 November 1980 through 31 October 1981. (Project 762489 - New)
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Regulation of NAD Linked Malic Enzyme in Heart, Department of Food Science and Nutrition (K. Roehrig), 1 November 1980 through 31 October 1981. (Project 762485 - New)

$11,919.00 - Franklin County Board of Mental Health and Retardation, Columbus, Ohio, Enhancement of the Decision Support System, Academic Faculty of Management Science (D. A. Schilling), 1 October 1980 through 30 September 1981. (Project 762477 - New)

$7,731.00 - Southeast Ohio Technical Education Consortium, Nelsonville, Ohio, Contractual Agreement to Teach Certain Agricultural Courses at Belle Valley, Ohio, for the Southeast Technical Education Consortium, Cooperative Extension Service - State Operations (C. Cunningham) and Cooperative Extension Service - Field Operations (D. P. Miller and L. G. Sanford), 15 September 1980 through 31 December 1980. (Project 762491 - New)

$6,000.00 - Caldwell Community College and Technical Institute, Hudson, North Carolina, Implementing Competency-Based Occupational Education Programs, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1980 through 30 September 1981. (Project 762491 - New)

$5,000.00 - The Petroleum Research Fund, American Chemical Society, Washington, D. C., Rapid Three-Carbon Annelations, Department of Chemistry (D. J. Hart), 1 July 1980 through 30 June 1981. (Project 761771 - Continuation)


$2,000.00 - Milwaukee Area Technical College, Milwaukee, Wisconsin, and Utah Technical College, Provo, Utah, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 401,902.00
February 6, 1981 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$41,056.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Evaluation of Asphalt Pavement Recycling in Ohio: A Laboratory and Field Investigation, Department of Civil Engineering, Transplex, September 4, 1980 through September 3, 1981. (EES599/529079, Extension 1)

Industrial and Other Sponsored Research and Development

$60,000.00 - $30,000.00 from each: IBM, Armonk, New York, and GM Technical Center, Warren, Michigan, The Center for Welding Research, Department of Welding Engineering, July 1, 1980 through June 30, 1981. (EES610/529690)

$13,246.00 - various industries for 14 development projects operated by three departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $73,246.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$29,000.00 - The Dow Chemical Company, Midland, Michigan--$12,500.00 for Dow Research Fellowship; $10,000.00 for Dow Fellowship in Selective Oxygenation; $4,500.00 for Chemistry Department Dow Research Support Fund; and $2,000.00 for Minority Assistance in the College of Administrative Science Fund.

$20,000.00 - Mansfield University Foundation, Inc., Mansfield, Ohio--$18,000.00 for Mansfield Campus Scholarship Fund and $2,000.00 for Mansfield Campus Support Fund.

$13,700.00 - The Leo Yassenoff Foundation, Columbus, Ohio--$1,000.00 for Arts and Sciences Vice Provost Discretionary Fund; $1,000.00 for University College Fund; $1,000.00 for College of Medicine Progress Fund; $1,000.00 for Social and Behavioral Sciences Support Fund; $1,000.00 for College of the Arts Support Fund; $1,000.00 for Journalism Director's Special Fund; $1,000.00 for College of Agriculture and Home Economics Dean's Discretionary Fund; $1,000.00 for College of Mathematical and Physical Sciences Dean's Emergency Fund; $1,000.00 for College of Administrative Science Fund; $1,000.00 for Graduate School Special Fund; $1,000.00 for College of Social Work Emergency Fund; $1,000.00 for Humanities Support Fund; $500.00 for College of Law Student Financial Aid Fund; $500.00 for College of Law Advancement Fund; $500.00 for Physical Medicine Support Fund; and $200.00 for Yassenoff Polar Studies Fund.
February 6, 1981 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)

$11,400.00 - Eastman Kodak Company, Rochester, New York--$2,000.00 for Eastman Kodak Scholarship in Chemical Engineering; $2,000.00 for Eastman Kodak Scholarship in Mechanical Engineering; $2,000.00 for Eastman Kodak Scholarship in Industrial Engineering; $2,000.00 for Eastman Kodak Scholarship in Electrical Engineering; $850.00 for ISE Advancement Fund; $850.00 for Electrical Engineering Chairman’s Discretionary Fund; $850.00 for Department of Chemical Engineering Support Fund; and $850.00 for I. G. Brenner Fund for Engineering.

$10,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Affirmative Action Program in Engineering Fund.

$10,000.00 - Ciba-Geigy Limited, Ardsley, New York, for Reproductive Research Fund.

$10,000.00 - Exxon Education Foundation, New York, New York, for Exxon Fellowship in Metallurgical Engineering.

$10,000.00 - Ford Motor Company, Dearborn, Michigan--$5,000.00 for Corporate Associates and $5,000.00 for Affirmative Action Program in Engineering Fund.

$10,000.00 - The Merck Company Foundation, Rahway, New Jersey, for Medicine-Clinical Pharmacology Fund.

$10,000.00 - R. L. Wigor, Cincinnati, Ohio, for Presidents Club Special Fund.

$8,010.00 - Goal Systems Corporation, Columbus, Ohio, for BIO-CMI Program Fund.

$8,000.00 - The Standard Oil Company, Cleveland, Ohio, for Sohio Fellowship in Chemistry.

$7,500.00 - Amoco Foundation, Inc., Chicago, Illinois--$6,000.00 for Distinguished Teachers Awards Fund and $1,500.00 for President’s Emergency Fund.

$7,356.00 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.


$6,362.49 - Mid Ohio Automotive, Inc., Columbus, Ohio, for Dr. Winter’s GU Fund.
February 6, 1981 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)

$6,000.00 - A. H. Robins Company, Inc., Richmond, Virginia, for Menopausal Patient Follow-up Project.

$6,000.00 - Rockwell International, Pittsburgh, Pennsylvania, for Gear Lab Fund.

$5,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$5,000.00 - Mr. and Mrs. Walter English, Columbus, Ohio, for University Atrium Fund.

$5,000.00 - Walter H. Kidd, Baltimore, Ohio--$2,500.00 for Architecture School Fund and $2,500.00 for Ohio State National Merit Scholarship Fund.

$5,000.00 - Landmark, Inc., Columbus, Ohio, for Endowed Professorship in Plant Protection.

$5,000.00 - Mr. H. Dana Williams, Wilmington, Ohio, for Mid-America Solar Energy Complex Grant.

Gifts-in-Kind

$30,112.50 - Mr. and Mrs. Horatio Ebert, Medina, Ohio (1,100 shares of Rubbermaid, Inc., stock), for Cancer Research Fund.

$8,118.75 - Mr. James V. Armogida, North Canton, Ohio (150 shares of International Mineral and Chemical Corporation stock), for College of Law Advancement Fund.

Establishment of Named Funds

The C. Victor Kendall Loan Fund

The C. Victor Kendall Loan Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Catherine K. Kendall, in memory of her husband, C. Victor Kendall, B.S.Agr. ’21, M.A. ’29, Carroll County, Ohio.

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

The annual income from the fund is to be used for loans, without interest, to students in the field of conservation and natural resources in the College of Agriculture and Home Economics who are in need of financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the Dean of the College of Agriculture and Home Economics.
February 6, 1981 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 C. Victor Kendall Loan Fund (contd)

Should the need for this loan 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 Dean of the College of Agriculture and Home Economics.

Carl L. and Elizabeth Broughton Scholarship in Agriculture Fund

The Carl L. and Elizabeth Broughton Scholarship in Agriculture Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a generous gift from Carl L. and Elizabeth Broughton of Marietta, 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 be used to support undergraduate scholarships for worthy students enrolled in educational programs administered by or through the College of Agriculture and Home Economics. Recipients will be selected by the University Committee on Student Financial Aid based on recommendations of a committee comprised of the Dean of the College of Agriculture and Home Economics, the Associate Dean for Agriculture, and the Assistant Dean for Student Affairs in the College of Agriculture and Home Economics. Basis for the awards will encompass scholarship, leadership in extracurricular and/or financial need.

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 appropriate official of the University who is then directly responsible for agricultural curricula at The Ohio State University.

The John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering Fund

The John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. and Mrs. John B. Nordholt, Jr., and Mr. and Mrs. Shelby Nordholt, Sr., in memory of John B. Nordholt, Sr., M.E. '08, formerly of Tiffin, 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.
February 6, 1981 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 John B. Nordholt Professorship in Mechanical Engineering
or Metallurgical Engineering Fund (contd)

The annual income is to be used to provide support for the work of a distinguished teacher, researcher and engineer in mechanical or metallurgical engineering. Appointment to the Nordholt Professorship will be recommended by the Dean of the College of Engineering to the President 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 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 mechanical and metallurgical engineering education.

The Ernest Robert Keppel Foundation Fund

The Ernest Robert Keppel Foundation Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University through The Ohio State University Development Fund from the Estate of Emily C. Keppel, Seneca County, Ohio, in memory of her husband, Ernest Robert Keppel.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 grant scholarships to deserving students of the University. The University College Dean and University Treasurer, or their successors in office, shall be responsible for the administration of the fund.

Should the need for The Ernest Robert Keppel Foundation 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 officials of the University who are then directly responsible for scholarships.

The Evan J. Crane Memorial Scholarship Fund

The Evan J. Crane Memorial Scholarship Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Helen G. Crane, B.A. ’16, in memory of her husband, Dr. Evan J. Crane, B.A. ’11, D.Sc. ’38, who served as Editor of Chemical Abstracts from 1915 to 1958 and Director of Chemical Abstracts Service from 1956 to 1958.
February 6, 1981 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 Evan J. Crane 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students who have demonstrated academic ability and need for financial assistance. Preference is to be given to students from Canal Winchester, Ohio, who intend to enroll in the College of Agriculture and Home Economics. The selection of the recipient is to be made upon the recommendations of the University Scholarship Committee in cooperation with the Dean of the College of Agriculture and Home Economics.

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 agriculture and home economics education.

The Ruth L. Higgins Memorial Scholarship Fund

The Ruth L. Higgins Memorial Scholarship Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ruth L. Higgins, Ph.D. '26, of Columbus, Ohio.

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

The annual income is to be used to provide scholarship assistance to one or more graduate students in the Department of History, College of Humanities. The selection of the recipient(s) is to be made upon the recommendations of the appropriate committees selected by the Dean of the College of Humanities and the Chairman of the Department of History.

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 scholarships.
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$402,109.00 - 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 1980 through 30 June 1981. (Project 763976 - Continuation)

$282,346.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Clinical Research Center Branch, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1980 through 30 November 1981. (Project 761196 - Continuation)

$174,250.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprevention of Cancer in Cats, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover) and Department of Microbiology (P. C. Kimball), 1 October 1980 through 30 September 1981. (Project 761417 - Continuation)

$135,000.00 - National Science Foundation, Washington, D. C., Acquisition of a Scanning Auger Microprobe, Department of Metallurgical Engineering (P. G. Shewmon and D. D. Macdonald), 15 December 1980 through 31 December 1981. (Project 762507 - New)


$130,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienki and W. D. Burnside), 4 December 1980 through 30 September 1981. (Project 761461 - Continuation)

$108,491.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody in Transplantation, Department of Surgery (J. Cerilli), 1 December 1980 through 30 November 1981. (Project 763857 - Continuation)

$107,274.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Increasing Productivity Through Social Structure, Department of Psychology (B. Latane), 1 October 1980 through 30 September 1981. (Project 762439 - New)
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$93,501.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Person Perception Processes in Small Groups, Department of Psychology (T. M. Ostrom), 30 December 1980 through 29 December 1981. (Project 762498 - New)

$93,405.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary), 1 December 1980 through 30 November 1981. (Project 762962 - Continuation)

$83,656.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1980 through 30 November 1981. (Project 762525 - Continuation)

$83,600.00 - National Science Foundation, Washington, D. C., Wear and Friction of Metallic Materials, Department of Metallurgical Engineering (D. A. Rigney and G. Meyrick), 15 November 1980 through 30 November 1981. (Project 761244 - Continuation)

$79,970.00 - Department of the Army, Army Armament Research and Development Command, Aberdeen Proving Ground (Edgewood Area), Maryland, Histological Preparation and Evaluation of Noise-Exposed Ears, Department of Otolaryngology (D. J. Lim), 1 December 1980 through 30 November 1981. (Project 762495 - New)


$70,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Vasoactive Intestinal Peptide, Human Leukocytes, and Leukemia, Department of Medicine (M. S. O'Dorisio and T. O'Dorisio), 1 December 1980 through 30 November 1981. (Project 762499 - New)

$70,000.00 - Appalachian Regional Commission, Washington, D. C., Feeder Livestock Marketing Program in Ohio, Cooperative Extension Service - Field Operations (T. L. Jones), 1 October 1980 through 30 September 1981. (Project 762460 - Continuation)
Federal Research Contracts/Grants (contd)

$70,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Kinetic-Elastic Approach for Time-Dependent Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 October 1980 through 30 September 1981. (Project 762084 - New)

$69,500.00 - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 March 1981 through 28 February 1982. (Project 761528 - Continuation)

$61,695.00 - National Science Foundation, Washington, D. C., Single-Atom Peri-Bridged Arenes and Hetarenes: Carbonic Processes, Department of Chemistry (H. Shechter), 15 November 1980 through 30 November 1981. (Project 762529 - Continuation)

$61,253.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1981 through 30 June 1982. (Project 761663 - Continuation)

$58,232.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Energetics of CA2+ Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 January 1981 through 31 December 1981. (Project 760993 - Continuation)

$50,791.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore), 16 October 1980 through 30 June 1981. (Project 761119 - Continuation)


$50,020.00 - National Science Foundation, Washington, D. C., Analytical and Physico-Chemical Studies by Gas-Liquid Chromatography, Department of Chemistry (R. J. Laub), 1 March 1981 through 28 February 1982. (Project 761541 - Continuation)

$49,982.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 16 January 1981 through 15 January 1982. (Project 761012 - Continuation)
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$45,059.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Control of Synaptogenesis in Cultures of the Central Nervous System, Department of Anatomy (R. W. Burry), 1 December 1980 through 30 November 1981. (Project 761963 - Continuation)

$42,758.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 17 December 1980 through 17 April 1981. (Project 762359 - Continuation)

$40,740.00 - Department of Health and Human Services, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Nitroglycerin Tolerance, College of Pharmacy (T. D. Sokoloski and A. M. Burkman), 1 December 1980 through 30 November 1981. (Project 761464 - Continuation)

$40,000.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter, R. J. Marhefka, and R. C. Rudduck), 31 October 1980 through 28 February 1981. (Project 761784 - Continuation)

$39,553.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institutes of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 January 1981 through 31 December 1981. (Project 760160 - Continuation)

$38,700.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Physical Therapy-Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1981 through 30 June 1981. (Project 761472 - Continuation)

$38,460.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Biochemistry of Inhibitors of Estrogen Biosynthesis, College of Pharmacy (R. W. Brueggemeier), 1 January 1981 through 31 December 1981. (Project 762520 - New)
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$37,529.00 · Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Enzyme Aging and Gene Expression in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 December 1980 through 30 November 1981. (Project 762514 · New)

$36,000.00 · 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 1980 through 14 December 1981. (Project 760222 · Continuation)

$33,025.00 · National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Evaluation/Characterization of Seal Materials in Machining and Rubbing, Department of Industrial and Systems Engineering (J. T. Black), 31 December 1980 through 31 December 1981. (Project 760931 · Continuation)

$30,116.00 · Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, In Vitro Oxidation of Psychoactive Drugs, Department of Chemistry (R. L. McCreery), 1 December 1980 through 30 November 1981. (Project 760533 · Continuation)


$28,100.00 · National Science Foundation, Washington, D. C., Comparative Cytology of Selected Chlorophyta, Department of Botany (G. L. Floyd), 1 January 1981 through 31 December 1981. (Project 761939 · Continuation)

$26,580.00 · Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Medical Dietetics - Administration (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1981 through 30 June 1981. (Project 761473 · Continuation)

$26,464.00 · Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Ohio Expanded MEDHIC Effort, College of Medicine - Administration (M. V. Brown), 1 March 1981 through 30 June 1981. (Project 761854 · Continuation)
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$25,992.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Hemoglobin Iron Metabolism by Human Macrophages, Department of Medicine (J. J. Rinehart), 1 December 1980 through 30 November 1981. (Project 761483 - Continuation)

$15,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients with Brain Tumors, Department of Surgery (W. E. Hunt), 1 January 1980 through 30 June 1981. (Project 760334 - Continuation)

$13,118.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Extended Investigation into Pilot and System Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 1 November 1980 through 31 January 1981. (Project 762501 - New)

$9,860.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Data Reduction and Analysis, Department of Mechanical Engineering (D. A. Guenther), 1 November 1980 through 30 April 1981. (Project 762484 - New)

$8,386.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 December 1980 through 31 March 1981. (Project 760820 - Continuation)


TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $3,259,809.00

State of Ohio Research Contracts/Grants

$305,014.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, Hog Accelerated Marketing System - A Pilot Project for Computerized Electronic Marketing of Slaughter Hogs, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and E. D. Baldwin), 1 November 1980 through 1 September 1981. (Project 761446 - Continuation)
February 6, 1981 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)

$215,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, The Occupational Employment Statistics Survey Program in Ohio for Non-Manufacturing (Excluding Trade), 1981, Academic Faculty of Labor and Human Resources (S. C. Kelley, M. H. Sandver, and H. R. Blaine), 1 January 1981 through 31 March 1982. (Project 762515 - New)

$25,986.00 - State of Ohio, Department of Education, Columbus, Ohio, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762384 - Continuation)

$20,755.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. P. Zuspan), 1 October 1980 through 31 December 1980. (Project 763510 - Continuation)

$14,500.00 - Ohio Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 July 1980 through 30 June 1981. (Project 762516 - New)

$10,000.00 - Ohio Arts Council, Columbus, Ohio, Bromfield's Malabar, Department of Photography and Cinema (J. R. Green), 30 June 1980 through 31 December 1980. (Project 762519 - New)

$5,040.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Infertility, Department of Obstetrics and Gynecology (M. H. Kim), 1 October 1980 through 31 December 1980. (Project 763509 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 596,295.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants


$59,997.00 - City of Columbus, Department of Finance, Management Services Division, Columbus, Ohio, Quality of Working Life Demonstration Effort, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 6 November 1980 through 30 June 1981. (Project 760790 - Continuation)
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$43,860.00 - 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 October 1980 through 31 July 1982. (Project 762509 - New)

$30,500.00 - Roskam Aviation and Engineering Corporation, Ottawa, Kansas, General Aviation/Airfoil Design and an Analysis Service, Individual User's Orders, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 1 December 1980 through 15 February 1981. (Project 762145 - Continuation)

$30,000.00 - Alfred P. Sloan Foundation, New York, New York, Workshop on the Time Structure of Discourse, Department of Linguistics (A. M. Zwicky), 1 November 1980 through 31 October 1982. (Project 762504 - New)

$19,998.00 - Mallinckrodt, Inc., St. Louis, Missouri, Evaluation of the Limulus Lysate Assay for the Presumptive Diagnosis of Gonococcal and Nongonococcal Disease in Females, Department of Medicine (R. B. Prior and V. A. Spagna), 1 September 1980 through 28 February 1982. (Project 762496 - New)

$15,639.00 - Union Carbide Corporation, Linde Division, Tarrytown, New York, Feeding Synthetic Zeolites to Broiler Chickens, Department of Poultry Science (D. J. Latshaw), 1 November 1980 through 30 June 1981. (Project 762468 - New)

$12,440.00 - United Cancer Council, Indianapolis, Indiana, Effect of Tumor-Promoters on the Key Glycolytic Enzymes in Mouse Skin, Department of Pharmacology (G. A. Tejwani), 1 January 1981 through 31 December 1981. (Project 762522 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical Basis for the Action of Hydralazine, Department of Pharmacology (R. H. Fertel), 1 November 1980 through 31 October 1981. (Project 762503 - New)

February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$3,268.00 - Franklin County Mental Health Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 November 1980 through 31 December 1980. (Project 761912 - Continuation)

$2,000.00 - Greater Columbus Arts Council, Columbus, Ohio, Promotion for Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 July 1980 through 30 June 1981. (Project 762505 - New)

$2,000.00 - Quinsigamond Community College, Worcester, Massachusetts, and Caldwell Community College and Technical Institute, Hudson, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

$1,250.00 - Hartzell Propeller, Inc., Piqua, Ohio, General Aviation Airfoil Design and Analysis Service - Two Dimensional Data on Airfoil Sections, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan), 1 December 1980 through 31 January 1981. (Project 762510 - New)

$1,000.00 - Southern Illinois University, Carbondale, Illinois, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $419,368.30
February 6, 1981 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$11,772.00 - various sponsors for 30 projects operated by two research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$149,866.50 - Adria Labs, Columbus, Ohio—$124,886.50 for Clinical Pharmacology Fund and $25,000.00 for Cardiovascular Research Fund.

$75,348.00 - Hoffman-LaRoche, Inc., Nutley, New Jersey, for Clinical Pharmacology Fund.

$70,000.00 - The Kaplan-Halpert Foundation, Inc., Columbus, Ohio, for Jack M. George Fund.

$69,950.00 - C. Glenn Barber Foundation Trust, Cleveland, Ohio, for C. Glenn Barber Fund.

$57,502.00 - Eli Lilly and Company, Indianapolis, Indiana, for Clinical Pharmacology of Dobutamine.

$35,000.00 - The Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.

$35,000.00 - Mrs. Florence R. Johnson, Columbus, Ohio, for Everett D. Reese Arthritis Research Fund.

$30,000.00 - Freight Service, Inc., Newark, Ohio, for Howard E. and Catherine Bonner LeFevre Fund.

$30,000.00 - Ross Laboratories, Columbus, Ohio, for Tumor Immunology Program.

$30,000.00 - The Richard H. and Ann Shafer Foundation, Westerville, Ohio (given in the name of Mrs. Richard H. Shafer), for Student Athlete Grant-in-Aid Fund.

$30,000.00 - The Edward C. and Hazel L. Stephenson Foundation, Grosse Point Woods, Michigan, for Edward C. and Hazel L. Stephenson Fund.

$25,967.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.
February 6, 1981 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)


$25,000.00 - Norden Laboratories, Inc., Lincoln, Nebraska, for Olsen/Wright Vaccine Development.

$25,000.00 - TRW, Redondo Beach, California--$10,000.00 for Advanced Design Methods Laboratory--Mechanical Engineering; $10,000.00 for Capital Campaign Industrial and Systems; and $5,000.00 for ElectroScience Laboratory Director's Fund.

$25,000.00 - Vesuvius Crucible Company Charitable Foundation, Pittsburgh, Pennsylvania--$18,750.00 for Fracture Mechanics and Material Evaluation Program in the College of Engineering; and $6,250.00 for Engineering Mechanics Chairman's Discretionary Fund.

$21,934.94 - Louise Orr Scott Foundation, Columbus, Ohio--$16,451.96 for William Craig Orr and Mary Black Orr Scholarship in Medicine and $5,483.98 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

$21,735.00 - Janssen Pharmaceutica, New Brunswick, New Jersey, for Gastrointestinal Cancer Research Fund.

$20,844.56 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$20,561.19 - Retinal Consultants, Inc., Columbus, Ohio--$18,013.00 for Retina Research Fund; $2,027.19 for Ophthalmology Photography Fund; and $521.00 for Ophthalmology Art Work Rotary.

$19,934.41 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

$19,459.78 - Systems Associates, Inc., Columbus, Ohio, for Cardiology Support Fund.

$19,433.00 - Warner-Lambert Company, Ann Arbor, Michigan, for Anesthesia Research and Education Enhancement Fund.

$17,754.93 - Oncology Immunology Lab, Columbus, Ohio, for Cancer Research Fund.

$17,000.00 - The E. F. Wildermuth Foundation, Columbus, Ohio, for Kathryn M. and E. F. Wildermuth Memorial Fund.
February 6, 1981 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)

$16,349.00 - General Motors Corporation, Warren, Michigan, for General Motors Corporation Scholarship Fund.

$11,000.00 - Estate Under the Will of H. Ethel Neidigh, State College, Pennsylvania, for Maurice W. Neidigh Scholarship Fund.

$11,000.00 - Katherine E. Parrett Trust, Washington C. H., Ohio, for Katherine E. Parrett Fund.

$10,200.00 - Davis & Geck, Inc., Manati, Puerto Rico, for Menopausal Patient Follow-up Project.

$10,000.00 - Eaton Charitable Fund, Cleveland, Ohio, for Advanced Design Methods Laboratory--Mechanical Engineering.

$10,000.00 - Helen C. Morris Fund of the Columbus Foundation, Columbus, Ohio, for Society of Alumni and Friends of the School of Music Scholarship Fund.

$10,000.00 - Porthouse Foundation Income Account, Kent, Ohio--$5,000.00 for College of Engineering Special Fund and $5,000.00 for Student Athlete Grant-in-Aid Fund.

$10,000.00 - SISA Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

$9,978.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

$9,853.73 - Sidney L. Pressey Trust, Columbus, Ohio, for Sidney L. Pressey Honors Program Fund.

$9,750.00 - Dr. Ruth H. Cahill, Columbus, Ohio--$4,875.00 for Home Economics Programs Fund Endowment and $4,875.00 for Animal Science Special Fund.

$9,000.00 - Mr. R. W. Gardner, Westerville, Ohio--$3,150.00 for Paul N. Lehoczky Memorial Fund; $3,150.00 for J. F. Robeson Research Fund; and $2,250.00 for Presidents Club Special Fund; and $450.00 for Sphinx Plaza.

$8,500.00 - Dorothy J. Knull, Columbus, Ohio, for Josef N. Knull Memorial Fund in Entomology.

$7,500.00 - Amoco Foundation, Inc., Chicago, Illinois, for Amoco Foundation, Inc., Fellowship Fund for Chemical Engineering.

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February 6, 1981 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)


$7,000.00 - Chevron U.S.A., Inc., San Francisco, California, for Chevron Fellowship.

$7,000.00 - Kibble Foundation, Gahanna, Ohio, for Kibble Foundation Scholarship Fund.

$6,000.00 - Estate Under the Will of William A. Buente, Summit, New Jersey, for College of Medicine.

$6,000.00 - Mrs. Beth L. Carson, Midland, Michigan, for Paul N. Lehoczky Memorial Fund.

$6,000.00 - Gerlach Foundation, Inc., Columbus, Ohio (given in the names of John B. Gerlach and David P. Gerlach), for Presidents Club Special Fund.

$6,000.00 - Kal Kan Foods, Inc., Columbus, Ohio, for Graduate School Minority Recruiting Program Fund.

$5,707.31 - Trust Under the Will of Harry Brakeman, Middletown, Ohio, for Harry and Ethel Brakeman Memorial Scholarship Fund for Optometry Students.

$5,550.00 - Mr. John Deaver Drinko, Cleveland, Ohio, for Newton D. Baker Scholarship Fund.

$5,442.00 - Antique Show Receipts, Columbus, Ohio (given in the name of Josephine Failor), for Presidents Club Special Fund.

$5,250.00 - Cleveland Institute of Electronics, Cleveland, Ohio, for Newton D. Baker Scholarship Fund.

$5,000.00 - Mr. Gerald O. Allen, Cleveland, Ohio, for C. William O'Neill Professorship of Law Fund.

$5,000.00 - Mrs. Irvin L. Allison, Columbus, Ohio, for Dr. Floyd M. Beman Fund.

$5,000.00 - Ashland Oil, Inc., Ashland, Kentucky, for Minority Assistance Program in the College of Administrative Science.

$5,000.00 - BRS, Beaverton, Oregon, for Varsity (Football) Managers Activity Fund.

$5,000.00 - Bank One of Columbus, Columbus, Ohio, for C. William O'Neill Professorship of Law Fund.
February 6, 1981 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 - Campbell Soup Fund, Camden, New Jersey, for Endowed Chair in Food Industries.

$5,000.00 - The Cleveland Electric Illuminating Company, Cleveland, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

$5,000.00 - Diamond Shamrock Corporation, Cleveland, Ohio, for Diamond Shamrock Fund in Chemical Engineering.

$5,000.00 - Firestone Tire and Rubber Company, Akron, Ohio, for Fraenkel Research Fund.

$5,000.00 - Mr. Ray J. Groves, Moreland Hills, Ohio--$2,000.00 for Ernst and Whinney Accounting Grant; $2,000.00 for College of Administrative Science Fund; and $1,000.00 for Student Athlete Grant-in-Aid Fund.

$5,000.00 - Ms. Helen Coast Hayes, Portland, Ohio, for Operation Eye Research.

$5,000.00 - Mr. Clair E. Jones, Wauseon, Ohio, for Ohio 4-H Foundation Fund.

$5,000.00 - Mansfield University Foundation, Inc., Mansfield, Ohio, for Mansfield Campus Scholarship Fund.

$5,000.00 - Mr. Dwight H. Morehead, Toledo, Ohio, for College of Law Advancement Fund.

$5,000.00 - Ohio State University, San Marino, California, for Milton Caniff Research Room.

$5,000.00 - Pfizer, Inc., Lee's Summit, Missouri, for Pfizer Research Fellowship.

$5,000.00 - Phillips Petroleum Foundation, Inc., Bartlesville, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

$5,000.00 - Mrs. Carole Stupell, New York, New York, for Aging Nervous System and Pathogenesis of Alzheimer's Disease and Senile Dementia.

$5,000.00 - Mr. Roy E. VonIns, Marion, Ohio, for Marion Campus Dean's Discretionary Fund.

Gifts-in-Kind

$150,000.00 - Conard and Nancy Stitzlein, Glenmont, Ohio, 1/4 interest and 1/4 possession of a polled hereford bull, Vindicator.
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind (contd)

$97,500.00 - Mr. Everett D. Reese, Columbus, Ohio, 6,500 shares Canyon Savings and Loan Association stock for Presidents Club Special Fund.

$81,250.00 - Mr. and Mrs. Jack Howell, Bremen, Ohio, nine standardbred horses.

$36,937.50 - Mr. John J. Gerlach, Columbus, Ohio, 3,000 shares Lancaster Colony Corporation stock for Gerlach Fund.

$30,456.00 - Mr. Abba G. Lichtenstein, Fair Lawn, New Jersey, 32 Labradorite stones and 78 Amethyst stones.

$26,250.00 - Mr. and Mrs. John B. Gerlach, Columbus, Ohio, 2,000 shares Lancaster Colony Corporation stock for Gerlach Fund.

$25,424.60 - Mr. James S. Nordholt, Tiffin, Ohio, 745 shares Webster Industries, Inc., stock for John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering.

$25,056.25 - Owens-Illinois Corporation, Toledo, Ohio, 950 shares Owens-Corning Fiberglas Corporation stock.

$24,000.00 - Mr. and Mrs. Howard LeFevre, Newark, Ohio, 3,000 shares Capitol Corporation stock for the Howard E. and Catharine Bonner LeFevre Fund.

$15,000.00 - Mr. Landon Knight, Akron, Ohio, thoroughbred stallion, Brooks Brother.

$11,400.00 - Mr. Daniel G. Amstutz, New York, New York, 12,000 shares Penn Central CB's for Presidents Club Special Fund.

$11,125.00 - William H. Havener, M.D., Columbus, Ohio, 500 shares Patrick Petroleum stock for Ophthalmology Teaching Fund.

$11,125.00 - Mr. John Reiner, Dublin, Ohio, nine original works of art.

$7,267.50 - Mr. John Holscher, Worthington, Ohio—$3,483.75 part shares International Shipholding stock for Friends of WOSU Endowment Fund; $3,483.75 part shares International Shipholding stock for Marketing Faculty Support Fund; $200.00 part shares International Shipholding stock for Faculty Club Building Fund; and $100.00 part shares International Shipholding stock for Friends of WOSU.

$5,437.50 - Mr. Richard T. Baker, Shaker Heights, Ohio, 125 shares General Dynamics stock for Joseph B. Collinson Scholarship Fund.
February 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

William H. Davis Scholarship Fund for Basic Medical Research

The William H. Davis Scholarship Fund for Basic Medical Research was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from William H. Davis, B.S.Bus.Adm. '26, of Columbus, Ohio.

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

The annual income is to be used to support basic research in medicine to provide one or more scholarships to young scientists who have shown an interest in academic medicine as a career. All recipients should have an M.D. degree and should have had at least three years of training in research or in a graduate discipline. Income from the fund will pay for expenses other than for the salaries of the researchers, provided that, if more than four researchers are employed at any one time and if income from the fund is then sufficient, it may be used for salaries of researchers in excess of four individuals. During the first two years of the fund's operation, the income should be equally divided between the Department of Surgery and the Department of Medicine. Thereafter, the division of funds will be determined by the Advisory Board.

There shall be an annual deadline for the submission of applications to become "Davis Scholars." Prospective scholars may be nominated by any faculty member in the Departments of Medicine or Surgery. The selection of research projects and the appointment of "Davis Scholars" will be made upon the recommendation of the Dean of the College of Medicine and the Vice President for Health Sciences, in cooperation with an Advisory Board named by the Vice President for Health Sciences and whose members will include three (3) from within the University and two (2) non-physician representatives from outside the University, for a total of five. The members from the community-at-large should be individuals of considerable accomplishment in their respective fields, whether that be business, law, journalism or any other profession. Dorothy M. Davis and William C. Davis shall be members of the Advisory Board during their lifetimes or as long as they wish to serve, and in the event the service of either should terminate, the replacement shall be an individual who is qualified as stated above and who is nominated for this purpose by William H. Davis by letter or by will. All expenditures shall be approved by the Dean of the College of Medicine and the Chairman of the department from which the scholar is selected and/or from which the research project originated.

Any income resulting from the research provided by the fund will be added to and maintained as part of the principal of the fund in accordance with University policies on copyrights and patents. "Davis Scholars" may accept temporary assignments at other institutions
February 6, 1981 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 H. Davis Scholarship Fund for Basic Medical Research (contd)

to further their research, in accordance with the personnel policies of the University, but should return to Ohio State for a minimum of two years to teach and/or continue their research efforts.

If at a later date a gift is received from Dorothy M. Davis, the name of the fund shall be changed to the WILLIAM H. AND DOROTHY M. DAVIS SCHOLARSHIP FUND FOR BASIC MEDICAL RESEARCH. An annual report of income and expenditures shall be prepared for the Advisory Board and William H. Davis, Dorothy M. Davis and William C. Davis.

Should the need for these scholarships and/or research projects cease to exist or so diminish as to provide unused income, then the income may be used for any purposes recommended by the appropriate administrative official of the University who is then directly responsible for basic medical research.

The James Hay and Ruth Jansson Wilson Professorship in Cardiology Fund

The James Hay and Ruth Jansson Wilson Professorship in Cardiology Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Ruth Jansson Wilson in memory of her husband, James Hay Wilson, B.S.Bus.Adm. ‘28.

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

The annual income is to be used to provide salary and program support for the work of a distinguished cardiologist. This will include research, education and prevention. Income will be added to principal until sufficient funds are available, i.e., $250,000 to fully endow the professorship. Appointment to the Wilson Professorship will be recommended by the Dean of the College of Medicine and approved by the Vice President for Health Sciences and 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 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 cardiovascular medicine.
February 6, 1981 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 Frank J. Tate Scholarship in Journalism

The Frank J. Tate Scholarship in Journalism was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts from the Board of Directors of The Ohio State University Alumni Association and friends of Frank J. Tate, long-time editor of the OSU Monthly.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 undergraduate scholarships in the School of Journalism. Preference will be given to those students in the upper division who are majoring in magazine management or news magazine reporting. Selection of the recipient will be made by the University Committee on Student Financial Aids, based upon the recommendations made by the Scholarship Committee of the School of Journalism.

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 School of Journalism.

The Gerald B. Rice Memorial Fund

The Gerald B. Rice Memorial Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Mildred Rice Fisher and Miss Cora Mae Joachim, Pomeroy, Ohio. The fund honors the memory of Gerald B. Rice (1931-80), a graduate of The Ohio State University (B.A. '52, M.A. '55) and Assistant Professor of English at The Ohio State University at Mansfield (1965-80). Professor Rice was the son of Mrs. Fisher and a nephew of Miss Joachim.

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 reinvest as occasion dictates.

The annual income is to be used in support of programs in theatre and/or English at The Ohio State University in Mansfield. A portion of the income will be awarded annually, as the "Gerald B. Rice Theatre Prize," to the student(s) who contributed most to the success of theatrical productions on the Mansfield Campus. Recipient(s) of the prize will be selected annually by the Dean and Director upon recommendations of a committee appointed by the Dean and Director. The remainder of the income will be used to benefit the theatre and/or
February 6, 1981 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 Gerald B. Rice Memorial Fund (contd)

English programs on the advice of the same committee. All expenditures must be approved by the Dean and Director in consultation with the Vice President for Regional Campuses.

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 of the Vice President for Regional Campuses in consultation with the administrators of the Mansfield Campus.

The D. Lois Gilmore Memorial Award

The D. Lois Gilmore Memorial Award was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts from relatives, friends, alumni and associates in the Department of Textiles and Clothing in the School 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 occasion dictates.

The annual income will be used to fund an award to be used in support of graduate research in the Department of Textiles and Clothing. The award will be made by the Director of the School of Home Economics based on the recommendations of the Fellowship Committee of School 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 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 School of Home Economics.

The Robert E. Schaefer Scholarship Fund

The Robert E. Schaefer Scholarship Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University by a gift from Robert E. Schaefer, B.S. '35, former publisher of the Chillicothe, Ohio, Gazette newspaper.

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

The Robert E. Schaefer Scholarship Fund (contd)

Eighty per cent (80%) of the annual income is to be used to provide a scholarship to a student enrolled in the School of Journalism. The remaining twenty per cent (20%) of the annual income shall be applied to the principal each year. The School of Journalism Scholarship Committee will select a candidate of above average academic achievement who has indicated a preference for the print media (or the newspaper profession). If all other qualifications are similar, applicants from Ross County, Ohio, should be given preference. The Scholarship Committee choice will be approved by the Director of the School of Journalism as will requisitions for funds be approved by the Director.

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 journalism scholarships.

Shirley A. Brooks Scholarship in Agriculture

The Shirley A. Brooks Scholarship in Agriculture was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Shirley A. Brooks.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 is to be used to provide scholarships for incoming freshmen enrolled in the undergraduate degree program of agriculture. First preference shall be given to students who are residents of Vinton County, Ohio, and, in turn, other southeastern Ohio residents. The students need not be honors students but should instead be those students whose grade point average in high school shows evidence of potential for success in college and who come from homes of modest means. Recipients may apply for and receive a first renewal of the scholarship. The selection of the recipients shall be made by the University Committee on Student Financial Aids based on recommendations of a committee comprised of the Dean of the College of Agriculture and Home Economics, the Assistant Dean for Student Affairs in the College of Agriculture and Home Economics, and Shirley A. Brooks during her lifetime. Following her death, the third individual on the committee shall be a faculty member in agriculture who is familiar with the needs of students from southeastern 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 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 curricula in agriculture.
February 6, 1981 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 Judge William M. Drennen Award Fund

The Judge William M. Drennen Award Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University College of Law. The gifts were made by the former law clerks to Judge Drennen, J.D. '38, and others, to honor his many years of service as a judge on the United States Tax Court.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules 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 from this fund is to be used to award prizes each year to the senior student receiving the highest grade point average in courses in federal taxation. In selecting the student the following courses (or their approximate equivalent, in the judgment of the Dean of the College of Law) shall be included in the calculation: Law 512, 606, 715 and 745. A student to qualify must have earned at least ten credit hours in the selected courses. (Courses taken in the Spring Quarter just prior to his or her graduation will not be included in the calculation.) If possible, the prize shall be awarded at the College of Law June Hooding Ceremony. The purpose of the prize is to honor Judge Drennen. The prize shall be called the Judge William M. Drennen Prize and each recipient shall be informed of the purpose of the prize.

Should the need for The Judge William M. Drennen Award 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 directly responsible for legal education.

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PLANS AND SPECIFICATIONS

Resolution No. 81-78

Synopsis: Plans and specifications are being proposed for the following project.

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:
February 6, 1981 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

CHEMICAL INSTRUMENTATION CENTER

Project: This remodeling project provides space for a Chemical Instrumentation Center on the first floor of Johnston Laboratory to house various laboratories and support offices.

Funding: Budget Account 885090 (Local Funds)

Estimated Project Cost: $212,408.00

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 Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids at such time as the University budget situation is clarified, 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. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Enarson:

Under Miscellaneous, there are three drafts which were, I think, acted on in a single action by the Committee this morning, and it's with great pleasure that I ask the Chairman of that Committee to explain it because I would prefer not to.

Mr. Hilliker: We're going to turn that one over to Mr. Jackson.

Mr. Jackson:

There are three resolutions before you today. The first resolution has to do with--let me give you a broad-base view. All three of the resolutions have to do with the same situation. As you know, we have on a couple of previous occasions, rolled over some anticipation notes in the amount of $9.5 million for the construction of various projects around the campus. It doesn't seem possible, but the six months are about up from the last time we did it. There was, when this information was put together, some concern as to whether or not we should sell long-term bonds at this time, or sell anticipation notes again. So we have before you the documents necessary which were prepared by Squire, Sanders for the sale of the long-term bonds for this $9.5 million. If, as a result of the marketplace we are not able to place those at an acceptable rate, then we would go back out under one of the other resolutions here and sell anticipation notes again. The third one has to
February 6, 1981 meeting, Board of Trustees

Mr. Jackson: (contd)

do with preventing me from doing both, and I think that that certainly is most appropriate. So the first one is the anticipation notes; the second resolution is the long-term bonding which we have every confidence we’re going to be able to do at this time, and the third one, then, is the authorization for us to do one or the other.

President Enarson:

Mr. Chairman, I had raised a question with the Board. I was wondering, in view of the nature of these three whether they should not be acted on one by one. I don’t think they can really be homogenized.

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1981**

Resolution No. 81-79

*Synopsis:* Issuance and sale of The Ohio State University General Receipts Bond Anticipation Notes, Series 1981 is recommended.

WHEREAS the Board of Trustees of The Ohio State University (the “Board”), is vested with the government of The Ohio State University (the “University” and, when the context admits, collectively with the Board called the “University”) by Chapter 3335, Ohio Revised Code; and

WHEREAS the University has previously determined, and does hereby confirm, that it has been necessary to construct and equip certain vehicular parking facilities on the campus of the University, comprised of two multi-level parking structures and appurtenances known as the 9th Avenue Parking Ramp and the 11th Avenue Parking Ramp, with an aggregate capacity for the parking of approximately 1,740 motor vehicles, and that it is necessary to install smoke detector equipment in 11,113 living units of University and University Housing Commission dormitories and other University living quarters and in the common areas of 25 University and University Housing Commission dormitory buildings, such vehicular parking facilities and smoke detector equipment being herein called the “Project”; and

WHEREAS the costs of the Project constituting “costs of auxiliary facilities” as defined in Section 3345.12 (A) (8), Ohio Revised Code (the “costs of the Project”) are at least $9,500,000; and

WHEREAS the University previously determined, and does hereby confirm, to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds (the “Bonds”) at such time and in such principal amount as may be necessary for such purpose, pursuant to authorizing provisions of law including Sections 3345.11 and 3345.12, Ohio Revised Code; and
ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1981 (contd)

WHEREAS the University heretofore determined that it was necessary to issue, prior to and in anticipation of permanent financing of the costs of the Project, $9,500,000 of General Receipts Bond Anticipation Notes, Series 1979 (the "Series 1979 Notes") as provided in Resolution No. 80-58 adopted by this Board on November 30, 1979; and

WHEREAS the University heretofore determined that, for the purpose of refunding the Series 1979 Notes, it was necessary to issue $9,500,000 of General Receipts Bond Anticipation Notes, Series 1980 (the "Outstanding Notes") as provided in Resolution No. 81-32 adopted by this Board on September 5, 1980, and has determined that it is necessary to issue notes as provided in this resolution to refund the Outstanding Notes, which mature April 1, 1981;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University, that:

Section 1. It is determined to be necessary to borrow, pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, and for the purpose of refunding the Outstanding Notes issued for the purpose of paying the costs of the Project, the amount of $9,500,000 and to issue General Receipts Bond Anticipation Notes, Series 1981 (the "Notes") to evidence such borrowing.

Section 2. The Notes shall be in the aggregate principal amount of $9,500,000; shall be dated the date of issuance; shall bear interest from their date at a rate or rates not exceeding ten per centum (10%) per annum, to be fixed by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such interest to be payable at maturity; and shall mature six months from date; shall be issued in such denominations as requested by the Original Purchaser and approved by the Fiscal Officer, provided that the denominations shall be in the minimum amount of $25,000 each and if greater in multiples of $5,000 and that the entire principal amount may be represented by a single note; shall be numbered as determined by the Fiscal Officer; shall not have coupons attached; shall be signed in their official capacities by the Chairman of the Board or the President of the University and by the Fiscal Officer, provided that one of such signatures may be a facsimile signature; and shall express upon their faces the purpose for which they are issued and that they are issued pursuant to this resolution.

Section 3. The Notes may be issued in registered form or in unregistered form as requested by the Original Purchaser, shall reflect the appropriate terms of the offer and sale thereof consistent with this resolution and with the Invitation for Proposals for the Notes (the "Invitation for Proposals"), which is on file in the Office of the Secretary of the Board, and may contain such other provisions, consistent with this resolution and with the Invitation for Proposals, as the President of the University or the Fiscal Officer may approve.

Section 4. If the holder (in this section called the "owner") of a note issued pursuant to this resolution claims that such note has been lost, destroyed, or wrongfully taken, the Fiscal Officer is authorized to cause to be executed and delivered a new note (in this section
called the "replacement note") of like date and tenor (specifying on its face, however, that it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35, Ohio Revised Code, and of this section. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Fiscal Officer and shall include evidence satisfactory to the Fiscal Officer of such loss, destruction, or wrongful taking and of his ownership. The Fiscal Officer is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 5. The principal of and interest on the Notes shall be payable at the main office of The Huntington National Bank, Columbus, Ohio, or at such other bank designated by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such payment to be made in Federal Reserve Funds of the United States of America if the Original Purchaser shall so elect.

Section 6. The Notes shall be sold by the Fiscal Officer at a rate of interest not exceeding the limitation set forth in Section 2 hereof, at par and any premium, and in accordance with the provisions of the Invitation for Proposals. The Fiscal Officer is hereby authorized and directed to deliver the Notes, when executed, to the Original Purchaser upon payment of the purchase price together with any accrued interest.

Section 7. As provided in this resolution, the principal of and interest on the Notes, together with the principal of and interest on any other notes that may hereafter be issued by the University on a pari-ity therewith, shall be equally and ratably payable from, and secured by a pledge of and a lien on, the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by this Board on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. The principal of and interest on the Notes shall also be equally and ratably payable from, and secured by a pledge of and lien on, the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law to refund or retire the Notes in whole or in part. Neither the State of Ohio nor the University or its Board shall be obligated to pay the principal of or interest on the Notes from any other funds or source, and the Notes shall not be a claim upon or lien against any property of the State of Ohio, or any other property of or under the control of the University. The Notes, as to both principal and interest, are not debts or bonded indebtedness of the State of Ohio, are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.
In consideration of the loan evidenced by the Notes, the University covenants and agrees that it will do all things necessary to effect the issuance and delivery, prior to the maturity of the Notes, of bonds or notes for the refunding or retiring of the Notes, pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law, in such principal amount as may be necessary to pay the principal of and interest on the Notes, that it will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and that it shall apply the proceeds thereof to the extent necessary to make full payment of said principal of and interest on the Notes, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trust or stations within the meaning of Section 2731.01, Ohio Revised Code.

In connection with the aforesaid covenant, it is the present intention of the University that any bonds eventually issued to retire the Notes or notes issued to refund the Notes will be issued as General Receipts Bonds pursuant to the General Bond Resolution, and that such bonds shall have not to exceed 20 annual principal maturities and that the principal thereon shall be paid in semi-annual installments.

Section 8. The proceeds of the Notes shall be applied promptly by the Fiscal Officer to the timely payment and discharge of the like aggregate principal amount of the Outstanding Notes. The Fiscal Officer is hereby directed to apply to the payment of the interest due on the Outstanding Notes upon the date of their payment, such amounts as may be required therefor from funds of the University lawfully available therefor.

Section 9. The University hereby covenants that it will restrict the use of the proceeds of the Notes in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Notes, so that the Notes will not constitute arbitrage bonds under Section 103 (c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer, or any other officer having responsibility for issuing the Notes, is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Notes regarding the amount and use of the proceeds of the Notes and the facts, estimates and circumstances on which they are based pursuant to said Section 103 (c) and the applicable income tax regulations thereunder.

Section 10. As used in this resolution, "Fiscal Officer" shall mean the Vice President for Business and Administration of the University, or, in his absence, the Treasurer of the University; "Original Purchaser" shall mean each financial institution or underwriter which initially purchases the Notes, as identified in the certificate of the Fiscal Officer awarding the Notes pursuant to Section 6 hereof; and references to any specified section of the Ohio Revised Code shall mean said section as it now exists and as it may from time to time be amended, supplemented or affected by later legislation, and shall include any provision
February 6, 1981 meeting, Board of Trustees

ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1981 (contd)

enacted in substitution therefor or as a supplement thereto. Any reference in this resolution to an officer of the University or the Board shall refer to the person holding such office or, in the event of absence or vacancy in such office, then to the person performing the duties of such office.

Section 11. It is found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22, Ohio Revised Code.

Section 12. If in the judgment of the President of the University or the Fiscal Officer, a disclosure document in the form of an Official Statement or Informational Statement is appropriate or necessary in connection with the original issuance of the Notes, each of such officers in his official capacity is authorized to prepare or cause to be prepared on behalf of the University an Official Statement or Informational Statement and any necessary supplements to either, and on behalf of the University to use and distribute, or authorize the use and distribution of, such Official Statement or Informational Statement and any supplements to either in connection with the original issuance of the Notes. Such officers are each further authorized to execute, on behalf of the University and in their official capacities, such Official Statement or Informational Statement and any supplements to either approved by such officers, and are each authorized and directed to advise the Original Purchaser in writing regarding limitations on the use of the Official Statement or Informational Statement and any supplements to either for purposes of marketing or reoffering the Notes as the officer acting deems necessary or appropriate to protect the interests of the University. The President of the University and Fiscal Officer are each authorized to execute and deliver, on behalf of the University and in their official capacities, such certificates in connection with the accuracy of the Official Statement or Informational Statement and any supplements to either as may, in their judgment, be necessary or appropriate.

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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AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS, SERIES 1981

Resolution No. 81-80

Synopsis: Authorization, issuance and sale of $9,500,000 General Receipts Bonds, Series 1981, of The Ohio State University, pursuant to Trust Agreement dated as of June 1, 1971, is recommended.

WHEREAS The Ohio State University (herein called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, by
February 6, 1981 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)

resolution adopted by its Board of Trustees (herein called the “Board”) May 7, 1971 (herein called the “General Bond Resolution”) and by a Trust Agreement dated as of June 1, 1971 (herein called the “Trust Agreement”), comprised in part of the General Bond Resolution, has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto; and

WHEREAS the General Bond Resolution was adopted and the Trust Agreement was authorized by the Board pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, enacted by the General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 2(i) of Article VIII thereof, which authorize the University to issue its Bonds to pay costs of certain capital facilities, defined as “auxiliary facilities” in Section 3345.12 of the Ohio Revised Code and called “University Facilities” in the General Bond Resolution and in this Series 1981 Resolution, and to refund, fund or retire such Bonds or other obligations previously issued for such purpose; and

WHEREAS there is presently outstanding $3,145,000 principal amount of General Receipts Bonds, Series 1971, heretofore issued and delivered pursuant to the Trust Agreement; and

WHEREAS the University has previously determined, and does hereby confirm, that it has been necessary to construct and equip certain vehicular parking facilities on the campus of the University, comprised of two multi-level parking structures and appurtenances known as the 9th Avenue Parking Ramp and the 11th Avenue Parking Ramp, with an aggregate capacity for the parking of approximately 1,740 motor vehicles, and that it is necessary to install smoke detector equipment in 11,113 living units of University and University Housing Commission dormitories and other University living quarters and in the common areas of 26 University and University Housing Commission dormitory buildings, such vehicular parking facilities and smoke detector equipment being University Facilities and herein called the “Project”, the cost of which Project is estimated to be not less than $9,500,000; and

WHEREAS the University previously determined, and does hereby confirm to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds at such time and in such principal amount as may be necessary for such purpose; and

WHEREAS the University heretofore determined that it was necessary to issue, prior to and in anticipation of permanent financing of the costs of the Project, $9,500,000 of General Receipts Bond Anticipation Notes, Series 1979 (the “Series 1979 Notes”) as provided in Resolution No. 80-58 adopted by the Board on November 30, 1979; and

WHEREAS the University heretofore determined that, for the purpose of refunding the Series 1979 Notes, it was necessary to issue $9,500,000 of General Receipts Bond Anticipation Notes, Series 1980 (the “Outstanding Notes”) as provided in Resolution No. 81-32 adopted by the Board on September 5, 1980, which Outstanding Notes mature April 1, 1981; and
WHEREAS pursuant to the foregoing, the University has determined to issue, as the second issue of Bonds under the Trust Agreement, $9,500,000 principal amount of General Receipts Bonds, to be designated General Receipts Bonds, Series 1981, to refund the Outstanding Notes, and desires to provide therefor by this Resolution of its Board;

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. DEFINITIONS AND INTERPRETATIONS. All words and terms defined in Section 1 of the General Bond Resolution and all interpretations therein provided shall have the same meanings, respectively, and be subject to the same interpretations as therein provided where used in this Resolution, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award provided for in Section 5 hereof, is sometimes herein called and may be known as the “Series 1981 Resolution”, the Bonds authorized by this Resolution are referred to herein and in the Second Supplemental Trust Agreement hereby authorized as the “Series 1981 Bonds”, and the terms “hereof”, “hereby”, “hereto”, “herein”, and “hereunder”, and similar terms, mean this Resolution. As used in this Resolution, “Project”, “Series 1979 Notes”, and “Outstanding Notes”, shall have the meanings provided for such terms in the preambles hereto.

Section 2. AUTHORITY. This Resolution is adopted pursuant to the General Bond Resolution, the Trust Agreement, and the Act.

Section 3. AUTHORIZATION, DESIGNATION AND PURPOSE OF SERIES 1981 BONDS. It is hereby declared to be necessary to, and the University shall, issue, sell and deliver, as provided and authorized herein, $9,500,000 principal amount of General Receipts Bonds of the University which shall be designated “General Receipts Bonds, Series 1981”, for the purpose of refunding the Outstanding Notes, issued to refund the Series 1979 Notes, issued for the purpose of paying the costs of the University Facilities that comprise the Project. For such purpose, the proceeds from the sale of the Series 1981 Bonds shall be allocated, deposited and applied as provided in Section 6 hereof.

Section 4. TERMS AND PROVISIONS APPLICABLE TO THE SERIES 1981 BONDS.

(a) FORM AND NUMBERING. The Series 1981 Bonds shall be issued initially in the form of coupon Bonds registrable as to principal only or of fully registered Bonds as requested by the Original Purchaser thereof, shall be exchangeable for Series 1981 Bonds in coupon form or fully registered form as provided in the Trust Agreement, and shall be numbered as determined by the Fiscal Officer.

(b) DENOMINATION AND DATES. The Series 1981 Bonds in coupon form shall be in the denomination of $5,000 each, and shall be dated as of February 1, 1981. The Series 1981 Bonds in fully registered form shall be in the denomination of $5,000 and any integral multiple thereof authorized by the Trust Agreement, and shall be dated as of the date of
February 6, 1981 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS, SERIES 1981 (contd)**

Series 1981 Bonds in coupon form if authenticated prior to the first interest payment date, and otherwise shall be dated as of the last interest payment date preceding the date of their authentication except that if authenticated on an interest payment date they shall be dated as of such date of authentication; provided that if at the time of authentication, interest thereon is in default, they shall be dated as of the date to which interest has been paid. Each Series 1981 Bond shall have only one principal maturity date, except for interim certificates or receipts which may be issued pending preparation of definitive Bonds.

(c) **INTEREST.** The Series 1981 Bonds shall bear interest from their respective dates payable semi-annually on June 1 and December 1, beginning December 1, 1981, at the respective rates per annum set forth in the Certificate of Award provided for in Section 5 hereof.

(d) **MATURITIES.** The Series 1981 Bonds shall mature on December 1 in the years and in the principal amount set opposite the year as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Principal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1981</td>
<td>$475,000</td>
</tr>
<tr>
<td>1982</td>
<td>475,000</td>
</tr>
<tr>
<td>1983</td>
<td>475,000</td>
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<tr>
<td>1984</td>
<td>475,000</td>
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<tr>
<td>1985</td>
<td>475,000</td>
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<tr>
<td>1986</td>
<td>475,000</td>
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<tr>
<td>1987</td>
<td>475,000</td>
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<td>1988</td>
<td>475,000</td>
</tr>
<tr>
<td>1989</td>
<td>475,000</td>
</tr>
<tr>
<td>1990</td>
<td>475,000</td>
</tr>
</tbody>
</table>

(e) **REDEMPTION TERMS AND PRICES.** The Series 1981 Bonds maturing prior to December 1, 1991, are not subject to redemption. The Series 1981 Bonds maturing on and after December 1, 1991, are subject to redemption at the option of the University prior to their stated maturities, in whole or in part, on December 1, 1990, or on any interest payment date thereafter at redemption prices equal to the following percentages of the principal amount redeemed plus in each case accrued interest to the date fixed for redemption:

<table>
<thead>
<tr>
<th>If Redeemed</th>
<th>Redemption Prices</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 1, 1990 or June 1, 1991</td>
<td>103%</td>
</tr>
<tr>
<td>December 1, 1991 or June 1, 1992</td>
<td>102%</td>
</tr>
<tr>
<td>December 1, 1992 or June 1, 1993</td>
<td>101%</td>
</tr>
<tr>
<td>December 1, 1993 and thereafter</td>
<td>100%</td>
</tr>
</tbody>
</table>

If less than all of the outstanding Series 1981 Bonds are called for redemption at one time, they shall be called in inverse order of the maturities of the Series 1981 Bonds outstanding, and if less than all of the outstanding Series 1981 Bonds of one maturity are to be called, the selection of such Series 1981 Bonds, or portions of fully registered Bonds, of such
maturity to be called shall be made by lot in the manner provided in the Trust Agreement. Notice of call for redemption of Series 1981 Bonds shall be given in the manner provided in the Trust Agreement.

(f) PLACE OF PAYMENT AND PAYING AGENTS. The Bond service charges, including principal, interest and any redemption premium, on the Series 1981 Bonds in coupon form, other than principal of or any redemption premium on coupon bonds registered as to principal other than to bearer, shall be payable at the principal corporate trust office of the Trustee, or, at the option of the holder at the principal corporate trust office of the Chemical Bank, New York, New York. The principal of and any redemption premium on fully registered Series 1981 Bonds and of Series 1981 coupon bonds registered as to principal (except to bearer) shall be payable at the principal corporate trust office of the Trustee and the interest on fully registered Series 1981 Bonds shall be payable by check or draft, as provided in the Trust Agreement.

(g) EXECUTION. The Series 1981 Bonds and the coupons pertaining thereto shall be executed in the manner provided in the General Bond Resolution.

Section 5. SALE OF SERIES 1981 BONDS.

(a) GENERAL. The Series 1981 Bonds shall be offered for sale, by advertisement, to the highest bidder based on the lowest interest cost determined as hereafter described, at such time, in such manner and on such terms as determined by the Fiscal Officer of the University, and may be awarded by the Fiscal Officer as provided in this Section.

(b) NOTICE OF SALE AND OFFICIAL STATEMENT. Notice of Sale of the Series 1981 Bonds, over the name of the Fiscal Officer on behalf of the University, shall be given in such manner determined by the Fiscal Officer, provided that such notice shall be published at least once, not less than ten calendar days before the date for receipt of bids, in The Daily Bond Buyer or the Wall Street Journal, or both. Such Notice of Sale shall set forth the terms pertaining to the bids and other terms and conditions of the sale of the Series 1981 Bonds as the Fiscal Officer shall determine, provided that the purchase price therefor as may be prescribed in the Notice of Sale shall be not less than par plus accrued interest and the highest single interest rate that may be bid may not exceed 10-1/2% or such lower rate as may be prescribed in the Notice of Sale. The Fiscal Officer may also cause to be prepared and printed and, together with the Chairman of this Board, shall sign an official statement of the University setting forth appropriate material information pertaining to the University and to the Series 1981 Bonds, in sufficient number for distribution to prospective bidders.

(c) AWARD. Unless all bids are rejected, the Fiscal Officer, acting on behalf of the University, shall award the Series 1981 Bonds to the highest bidder therefor based on the lowest interest cost to absolute maturity of the Series 1981 Bonds, such lowest interest cost to be determined by taking the aggregate amount of interest to the several maturity dates of the Series 1981 Bonds at the rate or rates specified and deducting therefrom the amount of the premium offered, if any. The cost of printing the Series 1981 Bonds shall not be considered
February 6, 1981 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)

in determining the lowest interest cost. Such award shall be made by a certificate of the Fiscal Officer, herein called the “Certificate of Award,” which shall identify the successful bidder (called “Original Purchaser” in this Resolution and the Trust Agreement), the interest rate or rates, and state such other data or provisions as the Fiscal Officer determines consistent with this Resolution and the Trust Agreement. The Certificate of Award shall be incorporated in and form a part of the Supplemental Trust Agreement authorized by Section 9 hereof.

Section 6. APPLICATION OF PROCEEDS OF SERIES 1981 BONDS. All of the proceeds from the sale of the Series 1981 Bonds shall be received and receipted by the Fiscal Officer, and shall be allocated, deposited and applied as follows:

(a) To the Bond Service Account in the General Receipts Bond Service Fund, the portion of such proceeds representing accrued interest and premium, if any; and

(b) To the timely payment and discharge of the Outstanding Notes, the balance of the proceeds from the sale of the Series 1981 Bonds.

The Fiscal Officer is hereby directed to apply to the payment of interest due on the Outstanding Notes upon the date of their payment, such amounts as may be required therefor from funds of the University lawfully available therefor.

Section 7. USE OF PROCEEDS. The University hereby covenants that it will restrict the use of the proceeds of the Series 1981 Bonds in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Bonds, so that the Series 1981 Bonds will not constitute arbitrage bonds under Section 103(c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer or any other officer, including the Secretary of the Board, having responsibility for issuing the Series 1981 Bonds is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings for the Series 1981 Bonds, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Series 1981 Bonds regarding the amount and use of the proceeds of the Series 1981 Bonds and the facts, estimates and circumstances on which they are based, pursuant to said Section 103(c) and the applicable income tax regulations thereunder. The Fiscal Officer shall furnish to the Original Purchaser a true transcript of proceedings, certified by him, of all proceedings had with reference to the issuance of the Series 1981 Bonds along with such information from the records as is necessary to determine the regularity and validity of the issuance of said Bonds.

Section 8. FUNDING OF REQUIRED RESERVE. In accordance with and consistent with clause (2)(i) of Section 7(b) of the General Bond Resolution, the portion of the Required Reserve necessitated by reason of the Series 1981 Bonds, based on the interest rates as set forth in the Certificate of Award, shall be funded as provided in this Section 8.
February 6, 1981 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)

At least five business days before each June 1 and December 1, commencing June 1, 1981, the University shall pay to the Trustee from the Bond Pledge Fund and, if necessary, from any other General Receipts of the University, to the credit of the Bond Service Reserve Account, at least one-tenth of such portion of the Required Reserve necessitated by reason of the Series 1981 Bonds. Such payments to the Trustees shall, subject to clause (2)(iii) of Section 7(b) of the General Bond Resolution, be made and continue at the times and in the amounts aforesaid until the aforesaid portion of the Required Reserve is fully funded.

Section 9. SECOND SUPPLEMENTAL TRUST AGREEMENT. The Chairman of the Board, the President of the University, the Secretary of the Board, and the Fiscal Officer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee, in the name of and on behalf of the University, a Second Supplemental Trust Agreement pursuant to the Trust Agreement and in connection with the issuance of the Series 1981 Bonds, in substantially the form submitted to this Board with such changes therein not substantially adverse to the University as may be permitted by the Act and the Trust Agreement or this Resolution and approved by the officer or officers executing the same on behalf of the University. The approval of such changes, and that such changes are not substantially adverse to the University, shall be conclusively evidenced by the execution of the Second Supplemental Trust Agreement by such officer or officers.

Section 10. OPEN MEETING. It is found and determined that all formal actions of this Board and of any of its committees concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

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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METHOD OF REFUNDING THE OHIO STATE UNIVERSITY
GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980
Resolution 81-81

Synopsis: Authorization to determine the method of refunding The Ohio State University General Receipts Bond Anticipation Notes, Series 1980, is recommended.

WHEREAS the Board of Trustees (the "Board") of The Ohio State University (the "University") has adopted on this date Resolution No. 81-79 providing for the issuance and sale of $9,500,000 The Ohio State University General Receipts Bond Anticipation Notes, Series 1981 (the "Series 1981 Notes") to refund the $9,500,000 The Ohio State University General Receipts Bond Anticipation Notes, Series 1980 (the "Series 1980 Notes") which mature on April 1, 1981; and
February 6, 1981 meeting, Board of Trustees

METHOD OF REFUNDING THE OHIO STATE UNIVERSITY
GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980 (contd)

WHEREAS the Board has adopted on this date Resolution No. 81-80 providing for the authorization, issuance and sale of $9,500,000 The Ohio State University General Receipts Bonds, Series 1981 (the “Series 1981 Bonds”) to refund the Series 1980 Notes; and

WHEREAS the Board does not intend to issue both the Series 1981 Notes and the Series 1981 Bonds, but rather one or the other; and

WHEREAS because of uncertain market conditions affecting the sale of debt obligations of the University the Board desires to have the flexibility to take advantage in its method of refunding the Series 1980 Notes of the most favorable market conditions prevailing at the time of such refunding;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD, THAT:

Section 1. The Vice President for Business and Administration is hereby authorized and directed to determine whether the University will issue General Receipts Bond Anticipation Notes pursuant to Resolution No. 81-79 or General Receipts Bonds pursuant to Resolution No. 81-80 to refund the Series 1980 Notes, giving due consideration to such factors as interest rates and other market factors connected with the sale of debt obligations of the University, and the time of need of note or bond proceeds.

Section 2. It is found and determined that all formal actions of this Board and of any of its committees concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

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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REPORT - UNIVERSITY’S INVESTMENT PORTFOLIO
Resolution No. 81-82

RESOLVED, That the report on the University’s Investment Portfolio, dated January 16, 1981, 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 6, 1981 meeting, Board of Trustees

STATEMENT - MINORITY CONCERNS

Mr. Devenow:

Before I give the Reports, Dr. Hale has sent me a note here which reads as follows: 'As the Vice Provost in charge of minority affairs, please allow me 3-5 minutes to express the minority faculty concern as regards the Presidential Search Committee. I am aware that the Steering Committee is currently dealing with the matter.' Dr. Hale, under the rules, the Board must be notified 72 hours in advance of any statement you would like to make and I am going to waive that rule, and if you can, please confine it to no more than five minutes, sir.

Dr. Hale:

Thank you kindly. I would like to thank the members of the Board for this opportunity. Things have been happening rather swiftly with respect to the Selection Committee. Some of us were not fully aware of the process when it began or what the involvement was with respect to the governance and participation.

The Office of Minority Affairs Advisory Council and Minority Affairs Coordinating Council, made up of a limited number of representatives from the various minority programs throughout the University, have expressed concern that with respect to the designation of the committee, has placed nominees as presented by the Steering Committee, does not properly represent the constituencies of the University as a whole. We fully are aware of the fact that there are a variety of constituencies throughout the University and obviously it would be difficult to have some kind of representative from each of those particular groups. Our concern is that any President coming to this particular University would have laid at his doorstep various outstanding members of academic programs and those academic programs, many of them, would impact on minority presence at this institution and student attention at this institution. I think many of us are fully aware of the inadequate background of these numbers of these persons who have come to us as underachievers, unemployed, and many of them unemployable, and we certainly want to do what we can to be able to feed into that committee and to those candidates who will be coming what our concerns might very well be.

We certainly do not accuse the committee or anyone else of trying to overlook the concerns of minorities. We fully recognize that there are two minority persons who sit on that committee now constituted: a minority student, who happens to be a minority student representing the Council of Graduate Students and also a non-teaching employee. We think it's very important that we have representation there that reflects the cultural experiences and emotional experiences of those minority faculty who have had to deal with minority issues and students and programs and personnel on this campus and who will continue to do so. We do not feel that there are necessarily intended insensitivities on the part of others who would be there, but we know full well that those of us who sit in official capacity, and even those who do not sit in any official minority capacity, as minority faculty members are constantly being inundated with those minority students who are coming and going from time to time to express their interest.
February 6, 1981 meeting, Board of Trustees

STATEMENT - MINORITY CONCERNS (contd)

Dr. Hale: (contd)

So, we are asking you to give whatever thrust and meaning to what we have been talking about in the last ten years at this institution in terms of affirmative action. Almost any administrative committee and any number of committees that are appointed from time to time do keep that particular factor in mind; that is, the importance of minority presence. We have diversity as far as the academic is concerned. But the fact of the matter is there are so many social/political implications and sensitivities dealing with minority persons on this campus that we want full well that those candidates who come to this campus will have some opportunity to talk with minority faculty who are dealing once again, I say, with those problems affecting minority students, minority programs, and minority faculty. Thank you very much.

Mr. Devenow: Thank you, Dr. Hale.

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HISTORY OF ENARSON YEARS AS PRESIDENT

Resolution No. 81-83

Synopsis: Authorization for preparation of History of Enarson Years as President is being requested.

WHEREAS it has been traditional that a history of the years an individual spends as President of the University is prepared upon the resignation of that President; and

WHEREAS President Harold L. Enarson has indicated his intention to resign from the Presidency on August 31, 1981:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to engage the services of a notable historian to prepare a History of the Enarson Years at an appropriate time, and that the Fiscal Affairs Committee of the Board of Trustees authorizes the expenditure from the unrestricted gifts to the University Endowment Fund of an amount sufficient to finance this project.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 6, 1981 meeting, Board of Trustees

PORTRAIT OF HAROLD L. ENARSON Resolution No. 81-84

Synopsis: Authorization for portrait of President Harold L. Enarson.

WHEREAS it has been traditional that an oil portrait of the President of the University is presented for appropriate display by the University at the time said President relinquishes his office; and

WHEREAS President Harold L. Enarson has indicated his intention to resign from the Presidency on August 31, 1981:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board be authorized to commission an outstanding portrait painter to paint a portrait of Harold L. Enarson and that the Fiscal Affairs Committee of the Board of Trustees authorizes the expenditure from the unrestricted gifts to the University Endowment Fund to be used to finance this project.

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

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REPORT - THE FIESTA BOWL TRIP TO TEMPE, ARIZONA

Mr. Devenow made the following statement:

I would like to take this opportunity to mention Ohio State’s recent trip to the Fiesta Bowl in Tempe, Arizona, and to express the Board’s deep appreciation to two of our people who are deserving of recognition for their efforts following an incident at the Phoenix airport on December 29. For those who are unaware of what happened, I will relate the circumstances of that afternoon.

While the charter airplane carrying members of Ohio State’s Alumni Tour including the University’s official party was taxiing to the runway for takeoff, a malfunction occurred in one of the plane’s systems which caused the flight to be aborted and necessitated that the 238 passengers evacuate via the emergency chutes. During this evacuation, several of our people received minor injuries and two of our administrators received more serious injuries resulting in their hospitalization in Phoenix.

During and immediately following the evacuation there was much apprehension by those involved. While many people were of great help in calming the passengers and assisting those who received injuries, I would like to publicly thank Dr. Henry Cramblett and Dan Heinlen for their diligent efforts and sincere concern.
February 6, 1981 meeting, Board of Trustees

REPORT - THE FIESTA BOWL TRIP TO TEMPE, ARIZONA (contd)

Mr. Devenow: (contd)

First of all, I cannot say enough about Dr. Cramblett who came to the aid of the most seriously hurt and stuck by them assuring that they received proper medical attention to their injuries. As it turned out, this was not a simple task to accomplish and Dr. Cramblett subsequently filed a report in Phoenix delineating the frustration he felt in trying to get prompt emergency care for the injured. I would like to thank him not only for his concern and untiring efforts throughout the night of December 29 and the following morning, but for his courage in speaking out to the Phoenix authorities about this confusing situation.

Secondly, I want to thank Dan Heinlen for his efforts in assisting the injured, and in making certain the tour group was as comfortable and well taken care of as possible following this upsetting incident.

To both of these gentlemen, as well as to the numerous others who assisted, we are most grateful. I am most grateful that there was no loss of life. The spirit of concern and caring shown by all aboard the charter was a source of real pride for me. Once again I'm proud of this University and of the people who serve and support it.

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BUDGET - PRESIDENT ENARSON

President Enarson:

I have one item I would like to report, and I won't take but a couple of minutes; I know that you don't like to be surprised, although I don't think this item will surprise you. The OSU Monthly is out, and it has, 'President speaks against budget cuts,' and I wouldn't want you to be surprised that I am hostile to those budget cuts, but I am always charitable to the Governor, so I say things like, 'Many of the Governor's initiatives deserve our support,' which kind of means they don't all deserve our support, then I go on, as you would expect, to say, 'We are asked to do more and do it with less money'; you've heard that before. 'We are expected to launch no new initiatives to expand or to improve service. We are asked to fund existing programs with less real dollars,' and then I go on to talk about the impact of inflation. Well, let me break the suspense here and tell you that the issue is February, 1973--eight years ago--and the name of the Governor was Gilligan. Governors don't change, legislatures don't change, and I don't change, and the dollar support continues to go down.

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February 6, 1981 meeting, Board of Trustees

STATUS REPORT ON THE PRESIDENTIAL SEARCH COMMITTEE

Mr. Havens:

Mr. Chairman, members of the Board: I would like at this time to read a brief statement which highlights the work of the Search Committee on Selection of a President.

At the outset, I should like to report that the committee is off to a great beginning. To date we have had two meetings, and I am pleased to tell you that in each case an overwhelming majority of the committee members were in attendance. Although our first meeting was devoted primarily to organizational details and an introduction to the search process, there was a general sense on the part of all that the work of this committee was to be taken seriously with no lost motion in our efforts.

An outline of plans for future meetings was developed, and I should like to comment briefly about them. It was agreed that in order to ensure the widest possible search, the committee should make every effort to contact persons in higher education, including presidents of major graduate/research institutions, as well as members of various interested associations such as—to name a few—past and present officers of the OSU Alumni Association, the Development Fund Board, editors of the major Ohio dailies, prominent community leaders, as well as others. These persons have been invited to present their views concerning the needs and directions of The Ohio State University over the next ten years. They were also asked to present suggestions regarding persons who might be considered for the presidency. In this regard, I am pleased to report that more than 200 letters have been mailed to date.

I should also like to report that in our second meeting, considerable effort and discussion were devoted to the review and development of 'Guidelines for the Selection of a President.' Such guidelines, as you know, are a customary part of any presidential search process. You might be interested in knowing that during the past week the committee made an extraordinary effort to develop such a statement for our search. I hope you will agree with me that the statement is superbly done and reflects great credit on the part of the entire committee— but most specifically on the efforts of Professor of English John Gabel who provided the coordinative leadership to put the statement in final form. At this time I would like to share with members of the Board a copy of the ‘Guidelines for the Selection of a President of The Ohio State University.’ (See following page)

Mr. Chairman, I would conclude by noting that we have set an ambitious schedule for ourselves, but I am persuaded that we can get the job done consistent with the mandate of the Trustees. The next meeting of the committee will be held tomorrow morning at 9:00 here at the Fawcett Center for Tomorrow.
GUIDELINES FOR THE SELECTION OF A PRESIDENT
OF THE OHIO STATE UNIVERSITY

I. General Qualities Desirable in the President of the University

• An understanding of the role and function (both historic and potential) of higher education in general and of this large, multi-campus, land-grant university in particular
• The ability to provide leadership in a system of highly diffuse authority and across a wide range of constituent elements, including students, staff, faculty, Board of Trustees, alumni, and the greater University community
• The ability to administer the ongoing work of the University, both directly and through the delegation of powers to an effective administrative staff
• A commitment to maintaining a strong faculty and a recognition of the centrality in any great university of excellent teaching, research, and scholarship
• A genuine openness to the interests and needs of the University students
• A commitment to work in behalf of women and minority groups within the University in their efforts to achieve equality of opportunity and of reward for merit
• An appreciation of the complexity of the non-academic functions served by the University within its local area and the State of Ohio
• The ability to represent effectively and vigorously the University's interests to such official parties and bodies as the Governor, the State Legislature, the Ohio Board of Regents, and federal regulatory agencies and to undertake the duty of fund raising from both public and private sources

II. Personal and Professional Qualifications for Presidential Candidates

• An outstanding record of administrative accomplishment, preferably at a high level in a major educational institution or in a leading research, governmental, or business organization
• A national reputation for accomplishment in a given field and the formal academic preparation and experience required for appointment to a full professorship
• A Ph.D. degree or the equivalent
• Experience in working effectively with students both inside and outside the classroom
• Knowledge in depth of the duties of a university professor and experience in dealing with faculty concerns
• Experience in handling the employment concerns of the support staff of an educational, research, or business organization
• Freedom from associations or personal interests which might conflict with the performance of university duties
• Vigor of mind and body and a genuine enthusiasm for meeting the many and great demands of this exacting position

(It is not expected that any one candidate will possess all of the above qualifications in equal proportion. Candidates may indeed lack one or another of the qualifications but nevertheless be worthy of consideration by virtue of particular strength in other areas.)
February 6, 1981 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
Columbus, Ohio, March 6, 1981

The Board of Trustees met at its regular monthly meeting on Friday, March 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
March 6, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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.


The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 81-85

Synopsis: Resolutions honoring the service of three of this 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 Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Gwendoline Bellam

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 22, 1980, of Gwendoline Bellam, Associate Professor Emeritus in the School of Nursing.

Professor Bellam was born on October 31, 1912, in South Wales, Great Britain. Her parents emigrated to this country when she and her sister Constance were children. They made their home in Connecticut and became United States citizens.

The Depression Years of the early 1930's saw Professor Bellam graduating from high school and enrolling in the Greenwich Hospital School of Nursing from which she received a diploma in 1935. Upon graduation she initially served as Assistant Head Nurse on the pediatric unit of the hospital. Following a four-months' certificate program at Babies Hospital, a component of the Columbia-Presbyterian Medical Center in New York City, she returned to the position of Supervisor and Instructor of pediatric nursing at Greenwich, continuing there until 1942.

Just prior to four years of service in the United States Army Nurse Corps during World War II, she worked under the auspices of the American Red Cross as a Staff Nurse on a surgical and orthopedic unit of the American Hospital in Headington, England. Professor Bellam was discharged from the Army as a Captain, having seen service with the 1st General Hospital Unit in both the European and African Theaters of War.
Following the war, all of her positions were instructional and all related to the nursing care of children, who were clearly her first love. In 1949 and 1958, respectively, she obtained bachelor's and master's degrees from Teachers College, Columbia University in programs that prepared for teaching pediatric nursing. After completing her baccalaureate studies, she served as a postgraduate Clinical Instructor at Children's Memorial Hospital in Chicago until the Spring of 1961. This experience was followed by five years as an Instructor at the School of Nursing of the Massachusetts General Hospital in Boston.

Having attained her master's degree in 1958, she joined the faculty of the Syracuse University School of Nursing and continued there for the two years just prior to joining the faculty of The Ohio State University as an Assistant Professor in 1960. Professor Bellam was promoted to the rank of Associate Professor and accorded tenure on this faculty in 1966.

For the first eight years that she was on the School of Nursing's faculty, she taught the nursing of children to undergraduate students and supervised their clinical practice at Children's Hospital, Columbus.

Professor Bellam shared her knowledge of children and their care through articles published in several nursing journals, through the presentation of numerous papers, and by participating in continuing education and in-service programs. She was active at the local and state levels in forwarding the work of the National League for Nursing, the American Nurses' Association, and the American Association of Maternal/Child Health. Various committees of the School of Nursing, the College of Medicine, and the University benefitted from her informed, responsible membership.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

George Nichol Moffat

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 28, 1981, of George N. Moffat, Professor Emeritus, Department of Mechanical Engineering.

Born April 13, 1893, in St. Paul, Minnesota, he graduated from the University of Minnesota in 1918 with a Bachelor of Science in Mechanical Engineering. He was awarded the professional degree of Mechanical Engineer by the University of Minnesota in 1919, for which his thesis was research on Nickel-Chrome-Molybydenum Steels.

He was Engineer-of-Tests with the U. S. Ordnance Corps in 1918 and part of 1919. He then became Experimental Engineer with the Harrison Radiator Corporation in Lockport, New York.
RESOLUTIONS IN MEMORIAM (contd)

George Nichol Moffat (contd)

When George Moffat came to The Ohio State University as Instructor in Mechanical Engineering in 1923, the College of Engineering was under the leadership of Dean Hitchcock and the Department Chairman was William T. Magruder.

As he progressed through the academic ranks to full professorship, George Moffat served as consultant to many companies in the Columbus area and elsewhere, including the Seagrave Company, the Koppers Koke Company, the E. F. Houghton Company and Battelle Memorial Institute. His publications include the topics of heat treatment of malleable iron and the development of V-belts. He was granted the Professor Emeritus title when he retired in 1962.

As a registered Professional Engineer, he worked with the Industrial Commission of Ohio on the Boiler Test Code and was a member of a committee for Army Ordnance Specifications and Testing and in the training of inspection personnel during World War II.

George Moffat held numerous offices in the American Society for Metals, including that of Chairman of the local section. He was elected an honorary member of the National Association of Power Engineers and was a member of Sigma Xi.

'Perhaps above all, there are many of us who remember him as both teacher and friend. We were fortunate to have known him as both, and we will continue to remember him.

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 Crawford Slater

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 16, 1981, of William C. Slater, Assistant Professor in the Department of Botany at the Newark Campus.

Professor Slater received his Bachelor of Arts degree in 1949 from Denison University and his Master of Science degree in botany from Ohio University in 1971.

Professor Slater joined the faculty at the Newark Campus in 1967, first as a Teaching Associate and then as an Instructor. He was promoted to the rank of Assistant Professor in 1974. Professor Slater went on half time in 1977 because of a severe cardiac problem and underwent a series of hospitalizations that continued until his death. He did, however, return to full-time teaching in 1980.

Professor Slater's work concentrated on teaching botany and biology and, as such, was a popular instructor, known for his humor and his ability to explain the subject matter. Most importantly, he established rapport with his students, identified with them and helped them in resolving their problems.
March 6, 1981 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William Crawford Slater (contd)

Professor Slater was the curator of Biological Reserve at Denison University for a number of years and as such made a substantial contribution to the preservation and knowledge of wild life in the Central Ohio region. He took a keen interest in the work of that Reserve despite his ailing health.

Professor Slater had an active role in the development of the Newark Campus, serving in a number of important faculty posts, most notably Faculty Council President and Ombudsman. He also aided the early development of the Central Ohio Technical College at the Newark Campus by providing instruction in basic science. His contacts with the local people and their ways and his ability to translate local attitudes to the OSU Newark community were a special contribution. He was widely known among all circles on the Newark Campus and was genuinely respected and appreciated by all. He will be sorely missed as a colleague and a friend.

William Slater was recently in the early stages in a promising research project concerning the possible inheritance of alcoholism and as such, had contributed a paper at an international conference on alcoholism at Bath, England, in 1980. He was in demand as a speaker among specialists in this area. He was on his way to continue his research at the time of his fatal attack.

Professor Slater was a unique colleague whose positive attitude, sense of humor, joy of life and ability to lead a full academic career despite health problems was an inspiration to others.

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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AMENDMENTS TO RULES 3335-5-46, 3335-5-47, 3335-5-52, 3335-9-14 OF THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 81-86

Synopsis: Changes in the Rules of the University Faculty 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 Rules of the University Faculty as approved by the University Senate:

3335-5-46 Senate committees and 3335-5-47 Committees.

There is no mechanism currently provided for replacement of inactive members of committees or those unavailable for committee service, and there is no provision for alternates to be available for committee service. The university senate elects committee membership upon nomination by designated sources.
March 6, 1981 meeting, Board of Trustees

AMENDMENTS TO RULES 3335-5-46, 3335-5-47, 3335-5-52, 3335-9-14 OF THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-52 Council on admission and registration.

The wording as previously approved which designates membership to be elected by the senate is redundant. The appropriate channel for reports, other than those made through the senate, is through the vice president for educational services rather than the vice president for business and administration.

3335-9-14 Time of registration and payment of fees; penalties.

Specific fee payment deadlines are established and flexibility is needed to establish the deadline on a quarter-by-quarter basis.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to Rules of the University Faculty, as approved by the University Senate on February 14, 1981, be adopted by the Board of Trustees for inclusion in the next publication of this document.

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

RULES

3335-5-46 Senate committees.

(F) Committee vacancy: the chairman will report vacancies to the appropriate nominating source. For the purpose of this rule, a vacancy exists when an elected member is on leave of absence or fails to meet the participation requirements defined by the committee.

(L) The steering committee shall have the following duties and responsibilities:

(3) The steering committee shall, at the beginning of each year or as vacancies may occur, nominate candidates for election by the senate to membership on those committees for which other means of nomination are not specified in the rules.

3335-5-47 Committees.

(B) The chairman will report vacancies to the appropriate nominating source. For the purpose of this rule, a vacancy exists when an elected member is on leave of absence or otherwise fails to meet the participation requirements defined by the committee.

3335-5-52 Council on admission and registration.

(A) The council on admission and registration shall consist of seventeen members chosen as follows:
March 6, 1981 meeting, Board of Trustees

AMENDMENTS TO RULES 3335-5-46, 3335-5-47, 3335-5-52, 3335-9-14 OF THE RULES OF THE UNIVERSITY FACULTY (contd)

RULES (contd)

(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.

(C) Reports by this council to the president, other than those made through the university senate, shall be made through the vice president for educational services.

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 president for educational services in cooperation with the appropriate offices, and published by the office of registration services. 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 assistant vice president for registration services or designee.

TRANSFER OF ADMINISTRATIVE RESPONSIBILITY AND CHANGE NAME OF OFFICE FOR THE PHYSICALLY IMPAIRED

Resolution No. 81-87

Synopsis: Recommendation is made to transfer administrative responsibility for the Office for the Physically Impaired, to change the name of that unit, and to make the appropriate Administrative Code amendments to reflect the transfer and the name change.

WHEREAS the Office for the Physically Impaired has been under the jurisdiction of the Vice President for Personnel Services; and

WHEREAS administrative authority for this office has been transferred to the Vice President for Student Services; and

WHEREAS the services performed by this office have been expanded to serve, among others, those members of the University community with learning disabilities; and

WHEREAS the current name of the Office for the Physically Impaired does not reflect adequately the full scope of the services now provided:

NOW THEREFORE

BE IT RESOLVED, That pursuant to paragraph (A) of rule 3335-1-09 of the Administrative Code and upon the recommendation of the Vice President for Student Services, the Office for the Physically Impaired is redesignated as the Office for Disability Services; and
BE IT FURTHER RESOLVED, That the Office for the Physically Impaired be deleted from paragraph (N) of rule 3335-1-03 and paragraph (B) of rule 3335-3-14, and Director of the Office for the Physically Impaired be deleted from paragraph (C) of rule 3335-3-14 of the Administrative Code; and

BE IT FURTHER RESOLVED, That the Office for Disability Services be added to paragraph (I) of rule 3335-1-03 and paragraph (B) of rule 3335-3-09, and Director of the Office for Disability Services be added to paragraph (C) of rule 3335-3-09 of the Administrative Code.

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

RULES

3335-1-03 Administration of the university.

(I) Vice president for student services. The major area of responsibility and authority of the vice president for student services shall be that of student services at the university. Without limiting the generality of the foregoing, the vice president for student services 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 promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of all residence and dining hall facilities; nonacademic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; university union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; office for disability services; student financial aids and scholarships; off-campus student housing; and international student programs.

(N) Vice president for personnel services. The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; and the child care program. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.
March 6, 1981 meeting, Board of Trustees

TRANSFER OF ADMINISTRATIVE RESPONSIBILITY AND CHANGE
NAME OF OFFICE FOR THE PHYSICALLY IMPAIRED (contd)

RULES (contd)

3335-3-09 Vice president for student services.

(B) The major area of responsibility and authority of the vice president for student services shall be that of student services at the university. Without limiting the generality of the foregoing, the vice president for student services 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 promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of all residence and dining hall facilities; nonacademic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; university union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; office for disability services; student financial aids and scholarships; off-campus student housing; and international student programs.

(C) The principal administrative officials of the office of student services shall be the assistant vice president(s), the dean of student life, the director of counseling and consultation services, the director of the university health services, the director of Ohio/Drake unions, the director of student financial aids, the director of athletics, the director of residence and dining halls, the director of recreation and intramural sports, the director of office for disability services, the director of international student and scholar services, and such other associates as may be authorized from time to time. (B/T 7/11/68, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73, B/T 4/6/79, B/T 1/10/80, B/T 3/6/81)

3335-3-14 Vice president for personnel services.

(B) The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; and the child care program. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.
March 6, 1981 meeting, Board of Trustees

TRANSFER OF ADMINISTRATIVE RESPONSIBILITY AND CHANGE
NAME OF OFFICE FOR THE PHYSICALLY IMPAIRED (contd)

RULES (contd)

(C) The principal administrative officials of the office of personnel services shall include the assistant vice president; director of employment services; director of staff relations; director of compensation services; director of benefits administration; director of personnel systems and research; director of classification services; director of the child care center; and such other associates as may be authorized from time to time. (B/T 9/5/75, B/T 7/21/78, B/T 3/6/81)

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NAMING OF BUILDING

Resolution No. 81-88

Synopsis: Naming of Metallurgical Engineering Building is proposed.

WHEREAS pursuant to the 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 Metallurgical Engineering Building, located at 116 West Nineteenth Avenue, be named Mars G. Fontana Laboratories to honor Mars G. Fontana, who served as Chairman of the Department of Metallurgical Engineering from 1948 to 1975:

NOW THEREFORE

BE IT RESOLVED, That the Metallurgical Engineering Building be named the Mars G. Fontana Laboratories in accordance with the President’s recommendation.

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

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DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 81-89

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
March 6, 1981 meeting, Board of Trustees

DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT (contd)

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 March 20, 1981, 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 Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 81-90

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, 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 February 6, 1981 meeting of the Board, including the following Appointments, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Academic Faculty</th>
<th>Salary</th>
<th>Effective</th>
<th>Present Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>PATRIC H. HENDERSHOTT</td>
<td>Professor (John W. Galbreath Chair in Real Estate)</td>
<td>Finance</td>
<td>$60,000.00 (9-month)</td>
<td>January 1, 1982</td>
<td>Professor of Economics and Finance, Krannert Graduate School of Management at Purdue University</td>
</tr>
<tr>
<td>LEE C. NEHRT</td>
<td>Professor (Owens-Illinois Professor in International Business)</td>
<td>Management Sciences</td>
<td>$50,000.00 (9-month)</td>
<td>December 1, 1981</td>
<td>Director, World Trade Institute, New York World Trade Center</td>
</tr>
</tbody>
</table>
March 6, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Appointments

Effective January 14, 1981

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christopher E. Desch, M.D.</td>
<td>Limited Staff in General Medicine</td>
<td>Medicine</td>
</tr>
<tr>
<td>John D. Bullock, M.D.</td>
<td>Courtesy Staff</td>
<td>Ophthalmology</td>
</tr>
<tr>
<td>Roderick Lee Fuller, D.P.M.</td>
<td>Courtesy Staff in General Surgery</td>
<td>Surgery</td>
</tr>
<tr>
<td>Gerald Steiman, M.D.</td>
<td>Transfer from Attending to Courtesy Staff</td>
<td>Pediatrics</td>
</tr>
<tr>
<td>Jane Roach, M.D.</td>
<td>Transfer from Limited to Courtesy Staff</td>
<td>Pediatrics</td>
</tr>
<tr>
<td>Joseph Kutsko, M.D.</td>
<td>Limited Staff</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>Marian P. Droba, M.D.</td>
<td>Limited Staff</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>Jeanne M. Vinsel, M.D.</td>
<td>Limited Staff</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>Jura Adams, M.D.</td>
<td>Limited Staff in General Psychiatry</td>
<td>Psychiatry</td>
</tr>
<tr>
<td>Victoria Hsia Chang, M.D.</td>
<td>Limited Staff in Diagnostic Radiology</td>
<td>Radiology</td>
</tr>
</tbody>
</table>

Effective February 11, 1981

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elliot Davidoff, M.D.</td>
<td>Courtesy Staff</td>
<td>Ophthalmology</td>
</tr>
<tr>
<td>David P. Poindexter, M.D.</td>
<td>Transfer from Limited Staff to Attending Staff</td>
<td>Physical Medicine and Rehabilitation</td>
</tr>
<tr>
<td>David F. Mitchell, M.D.</td>
<td>Transfer from Limited Staff to Attending Staff</td>
<td>Physical Medicine and Rehabilitation</td>
</tr>
<tr>
<td>Timothy B. Moritz, M.D.</td>
<td>Limited Staff in Child Psychiatry</td>
<td>Psychiatry</td>
</tr>
<tr>
<td>Zehra Salim Kaka, M.D.</td>
<td>Limited Staff in Therapeutic Radiology</td>
<td>Radiology</td>
</tr>
<tr>
<td>Roger Jay Masser, D.P.M.</td>
<td>Courtesy Staff in General Surgery</td>
<td>Surgery</td>
</tr>
</tbody>
</table>

Leaves of Absence Without Salary

HARVEY FRIEDMAN, Professor, Department of Mathematics, effective April 1, 1981 through June 30, 1981, to serve as a visiting professor at Pennsylvania State University.

WILLIAM E. HALL, Professor, School of Journalism, effective October 1, 1981 through June 30, 1982, to serve as a visiting professor at the University of Hawaii.
Leaves of Absence Without Salary (contd)

WILLIAM MOLNAR, Professor, Department of Radiology, effective January 1, 1981 through March 14, 1981, for personal reasons.

GIACOMO SANI, Professor, Department of Political Science, effective April 1, 1981 through June 30, 1981, to continue research in Italy and enhance his contribution to the international thrust of the department and the University.

MARY EVELYN MCGANN, Assistant Professor, Department of English, effective February 17, 1981 through March 20, 1981, for personal reasons.

LORRI A. PORCELLO, Assistant Professor, Cooperative Extension Service and Department of Human Nutrition and Food Management, effective July 1, 1981 through December 31, 1981, to serve one-half time appointment with the Ohio Agricultural Research and Development Center.

Professional Improvement Leave

STUART COLLINS, JR., Professor, Department of Electrical Engineering, effective Spring Quarter 1981 and Summer Quarter 1981.

Emeritus Titles

FRED E. DEATHERAGE, Department of Biochemistry, with the title Professor Emeritus, effective April 1, 1981.

W. JAMES HARPER, Department of Food Science and Nutrition, with the title Professor Emeritus, effective April 1, 1981.

VIRGIL HINSHAW, JR., Department of Philosophy, with the title Professor Emeritus, effective July 1, 1981.

ANITA R. MCCORMICK, Cooperative Extension Service, with the title Professor Emeritus, effective February 28, 1981.

FRANCIS W. MCCOY, Department of Medicine, with the title Professor Emeritus, effective February 1, 1981.

EDWARD C. MCDONAGH, Department of Sociology, with the title Professor Emeritus, effective April 1, 1981.

JAMES C. HARRIS, Department of Physics, with the title Associate Professor Emeritus (awarded posthumously), effective April 1, 1981.

LOIS A. HUNGATE, Department of Agricultural Economics and Rural Sociology, with the title Associate Professor Emeritus, effective March 1, 1981.
March 6, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

MARTHA N. STRATTON, College of Administrative Science - Support Services, with the title Instructor Emeritus, effective October 1, 1980.

ROBERT C. RINGER, Office of Personnel Services, with the title Associate to Vice President for Personnel Services Emeritus, effective March 1, 1981.

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

--o--

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-91

Synopsis: The reports on contracts, grants, and gifts and the summary for January 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 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 agreements 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 1981, be approved.

Upon motion of Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
March 6, 1981 meeting, Board of Trustees

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

SUMMARY FOR JANUARY 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>77</td>
<td>$9,820,800.00</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>20</td>
<td>39,861.00</td>
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<tr>
<td></td>
<td></td>
<td>$9,860,661.00</td>
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<tr>
<td>The Ohio State University Development Fund</td>
<td>Gifts</td>
<td></td>
</tr>
<tr>
<td>October</td>
<td>4,831</td>
<td>$999,046.91</td>
</tr>
<tr>
<td>November</td>
<td>2,661</td>
<td>572,015.31</td>
</tr>
<tr>
<td>December</td>
<td>11,050</td>
<td>3,315,762.61</td>
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</tbody>
</table>

Establishment of Named Funds

The Milton Caniff Research Room Fund (Caniff Research Room) $16,345.23

College of Veterinary Medicine Alumni Scholarship Fund (Veterinary Medicine scholarships and fellowships) $5,000.00

Report from Presidents Club

<table>
<thead>
<tr>
<th>Members to date</th>
<th>4,460</th>
</tr>
</thead>
<tbody>
<tr>
<td>1981: year to date</td>
<td>17</td>
</tr>
<tr>
<td>New members - January 1981</td>
<td>17</td>
</tr>
</tbody>
</table>

New Presidents Club Members - January 1981

Arthur D. Bartell
Kevin M. Davis
Robert H. Herbst
John Howard
Steven J. Levine
Cynthia B. Levy (Mrs. J. Douglas)
James R. Lomax
Joan E. Lomax (Mrs. James R.)
David L. Rader
Martha C. Rader (Mrs. David L.)

Ted L. Ramirez
Nancy B. Ross (Mrs. James P.)
Nancy O. Steinberger
(Mrs. Richard L.)
Gregory A. Tomlin
Kay Diane Vermilion
James Hay Wilson (In Memoriam)
Ruth Jansson Wilson
(Mrs. James Hay)
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND
SECOND QUARTER CONTRIBUTIONS AND COMPARISONS
(October, November and December, 1980 Compared to October, November and December, 1979)

<table>
<thead>
<tr>
<th></th>
<th>Dollars Received</th>
<th>Dollars Received</th>
<th>% Change</th>
<th>Gifts Received</th>
<th>Gifts Received</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANNUAL GIVING</strong></td>
<td></td>
<td></td>
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<tr>
<td>Direct Mail</td>
<td>$204,374.48</td>
<td>$68,470.00</td>
<td>198.4</td>
<td>8,073</td>
<td>1,844</td>
<td>337.8</td>
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<tr>
<td>Annuals</td>
<td>47,303.29</td>
<td>42,620.46</td>
<td>11.0</td>
<td>2,572</td>
<td>2,550</td>
<td>.9</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>373,819.16</td>
<td>472,760.39</td>
<td>(20.9)</td>
<td>8,028</td>
<td>8,400</td>
<td>(4.4)</td>
</tr>
<tr>
<td>Community Campaigns</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corporate Matching Gifts</td>
<td>69,322.79</td>
<td>36,376.92</td>
<td>90.6</td>
<td>96</td>
<td>166</td>
<td>(42.2)</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>$694,819.72</td>
<td>$692,447.31</td>
<td>.34</td>
<td>18,769</td>
<td>15,730</td>
<td>19.3</td>
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<tr>
<td><strong>MAJOR RESOURCES</strong></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Deferred Gifts</td>
<td>$322,396.37</td>
<td>$1,391,400.12</td>
<td>(76.8)</td>
<td>10</td>
<td>47</td>
<td>(78.7)</td>
</tr>
<tr>
<td>Major Individuals</td>
<td>1,799,144.91</td>
<td>1,548,083.39</td>
<td>16.2</td>
<td>717</td>
<td>720</td>
<td>(0.42)</td>
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<tr>
<td>Corporate</td>
<td>1,224,442.33</td>
<td>843,329.85</td>
<td>45.2</td>
<td>308</td>
<td>136</td>
<td>126.5</td>
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<tr>
<td>Corporate Foundations</td>
<td>233,256.67</td>
<td>286,338.46</td>
<td>18.5</td>
<td>55</td>
<td>128</td>
<td>(57.0)</td>
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<tr>
<td>Private Foundations</td>
<td>358,964.58</td>
<td>253,879.28</td>
<td>41.4</td>
<td>29</td>
<td>39</td>
<td>(25.6)</td>
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<tr>
<td>Other Organizations</td>
<td>253,800.25</td>
<td>546,430.95</td>
<td>(53.5)</td>
<td>186</td>
<td>553</td>
<td>(66.4)</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$4,192,005.11</td>
<td>$4,869,462.05</td>
<td>(13.9)</td>
<td>1,305</td>
<td>1,623</td>
<td>(19.6)</td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td>$4,886,824.83</td>
<td>$5,561,909.36</td>
<td>(12.1)</td>
<td>20,074</td>
<td>17,353</td>
<td>15.7</td>
</tr>
</tbody>
</table>
March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$5,287,920.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (M. E. Borus), 1 October 1981 through 30 September 1982. (Project 760081 - Continuation)


$218,741.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (H. E. Wilson and S. E. Balcerzak), Department of Radiology (F. Batley), Department of Surgery (J. P. Minton), and Department of Pathology (K. P. Clausen), 1 January 1981 through 31 December 1981. (Project 761094 - Continuation)

March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$129,053.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, Geodetic and Geophysical Parameters, Department of Geodetic Science (U. A. Uotila), 1 October 1980 through 30 September 1981. (Project 761486 - Continuation)


$111,718.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 May 1981 through 30 April 1982. (Project 761608 - Continuation)


$90,389.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Solution Structure of Ribosomal 5S RNA and 5.8S RNA, Department of Chemistry (A. G. Marshall), 1 January 1981 through 31 December 1981. (Project 762523 - New)


$77,994.00 - National Science Foundation, Washington, D. C., Structural and Temporal Patterns in Executive Politics, Department of Political Science (J. H. Kessel), 1 January 1981 through 31 December 1982. (Project 762546 - New)
March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$58,900.00 - National Science Foundation, Washington, D. C., An Analysis of Microstructure and Toughness of Ceramics, Department of Metallurgical Engineering (R. G. Hoagland), 1 January 1981 through 31 December 1981. (Project 762334 - Continuation)

$55,000.00 - 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 (G. M. Gregorek), 1 February 1981 through 31 January 1982. (Project 762009 - Continuation)

$48,578.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Drug/Alcohol Abuse Career Teacher Training, Department of Preventive Medicine (M. D. Keller), 1 January 1981 through 31 December 1981. (Project 761482 - Continuation)

$44,722.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1981 through 31 December 1981. (Project 760578 - Continuation)

$43,182.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Short-Term Dietary Control of Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1981 through 31 December 1981. (Project 760592 - Continuation)


March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$28,462.00 - Maryland Procurement Office, Fort George G. Meade, Maryland, Superdirective Arrays, Department of Electrical Engineering, ElectroScience Laboratory (E. Newman), 1 October 1980 through 5 March 1981. (Project 761428 - Continuation)

$25,484.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Preparation in Rapid Performance, Department of Psychology (A. G. Greenwald), 1 December 1980 through 30 November 1981. (Project 761466 - Continuation)

$25,000.00 - Federal Emergency Management Agency, Washington, D. C., Studies of Disaster Evacuation Behavior and Problems, Department of Sociology (E. L. Quarantelli), 1 January 1981 through 30 June 1981. (Project 762432 - Continuation)

$21,409.00 - Department of Agriculture, Forest Service, Asheville, North Carolina, Fire Testing of Floors, Department of Ceramic Engineering (C. E. Semler) 1 February 1981 through 30 June 1981. (Project 762531 - New)

$18,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Chemical Characterization of the Antitumor Factor in the Clam Mercenaria m., Department of Chemistry (D. Horton), 1 December 1980 through 30 November 1981. (Project 762364 - Continuation)

$18,000.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1981 through 30 June 1982. (Project 762313 - Continuation)

$15,843.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Research in Persuasive Communication, Department of Psychology (A. G. Greenwald), 1 December 1980 through 30 November 1981. (Project 761467 - Continuation)

$14,599.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Engineering Calculations for Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 20 January 1981 through 19 May 1981. (Project 762552 - New)

$14,541.00 - Environmental Protection Agency, Cincinnati, Ohio, Improved Assumptions About Liquid Flow Through Wastes, Department of Civil Engineering (C. A. Moore), 27 June 1980 through 27 May 1981. (Project 762234 - Continuation)
March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$13,930.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Behavioral Competence, Self-Efficacy, and Women's Career, Department of Psychology (N. E. Betz) and Academic Faculty of Special Services (G. Hackett), 1 January 1981 through 31 December 1981. (Project 762517 - New)

$5,531.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention, Department of Psychology (D. R. Meyer and P. M. Meyer), 1 January 1980 through 30 June 1981. (Project 761470 - Continuation)


$4,677.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Sugar Nucleotides and Analogs, Department of Biochemistry (E. J. Behrman), 1 April 1981 through 31 January 1982. (Project 760152 - Continuation)

$2,876.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Truck Tractor Pneumatic Simulator Development, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 31 December 1980. (Project 761992 - Continuation)

$2,313.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Representation of Hispanic Students in Special Education and Gifted Programs in Five States: A Descriptive Study, Academic Faculty of Educational Administration (W. F. Staub), 1 January 1981 through 31 December 1981. (Project 762543 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $8,324,780.00

State of Ohio Research Contracts/Grants

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

$49,913.00 - State of Ohio, Department of Economic and Community Development Weatherization Policy Advisory Committee, Columbus, Ohio, A Proposal to Evaluate the Federal Weatherization Program in the State of Ohio, Program for Energy Research, Education, and Public Service, Graduate School - Administration (W. B. Moreland), 23 December 1980 through 15 April 1981. (Project 762566 - New)

$5,700.00 - Ohio Arts Council, Columbus, Ohio, Support for the Great Artist Series at Mershon Auditorium, Mershon Auditorium (T. M. VanLeer), 1 July 1980 through 6 May 1981. (Project 762557 - New)

$4,250.00 - Ohio Arts Council, Columbus, Ohio, Support for the Great Artist Series at Mershon Auditorium, Mershon Auditorium (T. M. VanLeer), 1 July 1980 through 30 May 1981. (Project 762556 - New)

$1,170.00 - Ohio Arts Council, Columbus, Ohio, Department of Dance 1980-81 Celebration Series, Department of Dance (H. P. Alkire), 1 July 1980 through 25 April 1981. (Project 762560 - New)

$1,000.00 - Ohio Arts Council, Columbus, Ohio, Department of Dance 1980-81 Celebration Series, Department of Dance (H. P. Alkire), 1 July 1980 through 6 June 1981. (Project 762559 - New)

$500.00 - Ohio Arts Council, Columbus, Ohio, Artist Series, 1980-81, Mansfield Campus (R. L. Wink), 1 July 1980 through 1 June 1981. (Project 762555 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 147,533.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$335,318.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1981 through 31 December 1981. (Project 760982 - Continuation)

$200,000.00 - The John A. Hartford Foundation, Inc., New York, New York, A Cost-Containment Incentive Program--A Teaching Hospital Cost-Containment and Research Funding Program, Department of Medicine (C. M. Kunin), 1 February 1981 through 31 January 1983. (Project 762539 - New)

$103,753.00 - Franklin County Mental Retardation Board, Columbus, Ohio, Preschool and Early Training Program, The Nisonger Center for Mental Retardation (M. J. Guralnick), 1 September 1980 through 31 August 1981. (Project 762381 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$85,069.00 - Franklin County Mental Retardation Board, Columbus, Ohio, School Age Program, The Nisonger Center for Mental Retardation (D. C. Cavin), 1 September 1980 through 31 August 1981. (Project 762382 - Continuation)


$70,335.00 - Purdue University, West Lafayette, Indiana, Observing Changes in Consolidated Balance Sheets for U. S. Households During Accelerating Inflation, Department of Economics and Academic Faculty of Finance (E. J. Kane), 23 September 1980 through 22 December 1981. (Project 762521 - New)

$64,000.00 - National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Continuation, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 762130 - Continuation)

$45,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1981 through 30 September 1981. (Project 761965 - Continuation)

$27,068.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 1 January 1981 through 30 June 1981. (Project 760604 - Continuation)

$25,986.00 - Florida International University, School of Education, Division of Vocational Education, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762384 - Continuation)
March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$25,832.00 - National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Continuation, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1981 through 30 September 1981. (Project 762130 - Continuation)


$20,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Institute for Research in Vision (S. W. Smith), 1 October 1980 through 30 September 1981. (Project 760717 - Continuation)

$20,000.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, Detection, Isolation and Ecology of Biological Control Agents and Maintenance of an Information System in this Field, Department of Entomology (J. D. Briggs), 1 January 1981 through 31 December 1981. (Project 760988 - Continuation)


$19,000.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Newsletter for the Ohio Coal Research Laboratories Association, Inc., Program for Energy Research, Education and Public Service, Graduate School - Administration (R. E. Bailey), 1 November 1980 through 30 September 1981. (Project 762554 - New)

$12,500.00 - Children's Crusade and Malabar Farm Fund Association, Cuyahoga Falls, Ohio, Bromfield's Malabar, Department of Photography and Cinema (J. R. Green), 1 February 1980 through 30 June 1981. (Project 762535 - New)

$12,307.00 - San Diego State University Foundation, San Diego, California, Estimate the Quantity and Quality of Organic Carbon and the Potential Carbon Dioxide in Cold Soils of Northern Alaska, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 May 1980 through 30 April 1981. (Project 762518 - Continuation)
March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$11,000.00 · Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1981 through 31 December 1981. (Project 762165 · Continuation)

$10,000.00 · The Deafness Research Foundation, New York, New York, Evaluation of Vestibular and Optokinetic Function During Active Head Movements, Department of Otolaryngology (C. W. Stockwell), 1 January 1981 through 31 December 1981. (Project 762541 · New)

$10,000.00 · The Deafness Research Foundation, New York, New York, Hemophilus Influenzae Otitis Media: An Animal Model, Department of Otolaryngology (T. F. DeMaria and D. J. Lim), 1 January 1981 through 31 December 1981. (Project 762545 · New)

$9,263.00 · Anchorage School District, Anchorage, Alaska, Alliance for Career and Vocational Education (Membership), National Center for Research in Vocational Education (R. E. Taylor), 1 January 1981 through 30 April 1981. (Project 762081 · Continuation)

$7,740.00 · Monsanto Fund, St. Louis, Missouri, Evaluation of Chironomus Riparius (=thummi) for Study of Toxicity, Site of Action, and Metabolic Conversion of Selected Organophosphate Insecticides, Department of Entomology (W. J. Collins), 1 January 1981 through 31 December 1981. (Project 761974 · Continuation)

$7,037.00 · The Supreme Council 33, A A Scottish Rite, Lexington, Massachusetts, Hemispheric Functioning in Paranoid and Non-Paranoid Schizophrenics, Department of Psychology (P. A. Magaro), 1 October 1980 through 30 June 1981. (Project 762549 · New)

$5,602.00 · Granville Exempted Village School District, Granville, Ohio, Community Attitude and Educational Facility Needs for the Granville Exempted Village School District, Granville, Ohio, Academic Faculty of Educational Administration (A. E. Wohlers), 15 November 1980 through 31 July 1981. (Project 762553 · New)

$5,000.00 · Dermatology Foundation, Evanston, Illinois, Photoreversal of Sunlight-Induced DNA Damage In Vivo, Departments of Radiology and Pharmacology (S. M. D’Ambrosio), 1 January 1981 through 31 December 1981. (Project 762532 · New)

$4,000.00 · University of Tennessee, Knoxville, Tennessee, To Study Flaw Characterization by Ultrasonic Spectral Analysis, Department of Welding Engineering (L. Adler), 1 October 1980 through 30 November 1980. (Project 762536 · New)
March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$3,500.00 - World Health Organization, Special Program for Research and Training in Tropical Diseases, Geneva, Switzerland, *Plasmodium berghei*: Isolation and Fractionation of Parasites and Parasite Components, Department of Microbiology (J. P. Kreier), 1 January 1981 through 31 December 1981. (Project 761489 - Continuation)

$2,000.00 - Mississippi Gulf Coast Junior College, Perkinston, Mississippi, and Guilford Technical Institute, Jamestown, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)


$1,000.00 - Cessna Aircraft Company, Pawnee Division, Wichita, Kansas, General Aviation/Airfoil Design and Analysis Service - Airfoil Modification Study, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 15 January 1981 through 31 March 1981. (Project 762547 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,348,487.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$39,861.00 - various sponsors for 20 development projects operated by five engineering departments and research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$14,000.00 - Armour Pharmaceutical Company, Kankakee, Illinois, for Biochemical Research Fund.

$12,230.00 - SISA Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

$12,000.00 - Glass Packaging Institute, Washington, D. C., for Engineering Mechanics Chairman's Discretionary Fund.
March 6, 1981 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 - Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

$9,500.00 - Cardiac Pacemakers, Inc., St. Paul, Minnesota, for Pacemaker Development Fund.

$9,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

$6,000.00 - Eaton Corporation, Eastlake, Ohio, for Gear Dynamics and Gear Noise Research Laboratory Fund.

$5,282.57 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

$5,000.00 - Merck & Company, Inc., Rahway, New Jersey, for M. S. Newman Professorship of Chemistry.

Establishment of Named Funds

The Milton Caniff Research Room Fund

The Milton Caniff Research Room Fund was established March 6, 1981, 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 Milton A. Caniff, B.A. '30, Doctor of Humane Letters, 1974, of Palm Springs, California.

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

The annual income is ultimately to be used to staff and operate the Caniff Research Room, as well as to acquire, preserve and organize multi-media collections representative of the mass media in twentieth century America. This unique library facility is to be used for research and teaching in journalism, art, history, business, cinema and other disciplines. Income is to be added to principal until the fund has a balance of $500,000. Requisitions for the use of the funds will be approved by the Director of University Libraries and the Vice President for Educational Services.

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 its libraries.
March 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

College of Veterinary Medicine Alumni Scholarship Fund

The College of Veterinary Medicine Alumni Scholarship Fund was established March 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the 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 provide one or more scholarships for veterinary students or fellowships to the graduate students who have demonstrated academic ability and the need for financial assistance. The selection of the recipient is to be made by the scholarship committee and approved by the Dean of 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.

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PLANS AND SPECIFICATIONS

Resolution No. 81-92

Synopsis: Plans and specifications are being proposed for the following project.

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

SPHINX PLAZA

Project: The 75th Anniversary of the Sphinx Senior Honorary Society will be in 1982. In connection with this, members of the Sphinx have elected to commemorate this significant event by providing funds for the construction of a landscape project to be known as Sphinx Plaza.

Funding: Sphinx 75th Anniversary Gift Fund

Estimated Project Cost: $130,000.00
March 6, 1981 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

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

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OVERNIGHT LODGING FACILITY TO SERVE THE HEALTH SCIENCES CENTER
Resolution No. 81-93

Synopsis: Authorization to study the feasibility of the private development and management of an overnight lodging facility is requested.

WHEREAS the revised master plan for the health sciences center, prepared by a health center planning consultant, recommends that the University develop facilities to serve the overnight lodging needs of the health sciences center; and

WHEREAS many of the faculty in the health center have pointed out the need for overnight lodging facilities convenient to University Hospitals; and

WHEREAS the Facilities Committee of the University Hospitals Board has considered presentations by the administrative staff concerning the need for such services convenient to the health center; and

WHEREAS the University Hospitals Board endorses the development of convenient overnight lodging to serve the needs of the health sciences center; and

WHEREAS the University Hospitals Board requests the approval of the University Board of Trustees to permit the University administration, in consultation with the Hospitals Board, to study the feasibility of the private development and management of overnight facilities on a designated site:

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Hospitals Board, as approved on February 18, 1981, requesting that the University study the feasibility of the private development and management of an overnight lodging facility is hereby accepted by this Board; and
BE IT FURTHER RESOLVED, That the University administration, in consultation with the Hospitals Board, proceed to conduct the feasibility study requested by the Hospitals Board; and

BE IT FURTHER RESOLVED, That upon completion of this study and consultation process, the final recommendations are to be presented to this Board for approval.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 81-94

RESOLVED, That the report on the University’s Investment Portfolio, dated February 20, 1981, 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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DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET
STATUS REPORT BY PRESIDENT ENARSON

In recent years, the March meeting of the Board of Trustees has marked a very significant phase in the development of the University’s budget for the upcoming fiscal year which begins on July 1. Each year in March, the Administration has described the planning targets for faculty and staff salaries and other expenditure categories that are to be used in developing the budget which is traditionally presented to the Board at its June meeting.

The presentation of an overall budget strategy in March is customarily followed immediately by the issuance of salary guidelines and other budgetary allocations to the Vice Presidents and Deans so that College and Administrative Office budgets can be prepared and reviewed by the Central Administration prior to the June Board meeting.

For 1981-82, however, the uncertain and austere fiscal condition of the State of Ohio and The Ohio State University is such that the usual budget development schedule must be postponed.

As you are all aware, reductions in State funding totaling $12.6 million have occurred in three successive reductions totaling 7 per cent for the current year, with the final phase announced on December 23, 1980. Although the impact of these reductions in State funding is being felt throughout the University, the University’s retrenchment process was carried out in such a way that the temporary
actions—and I must stress that temporary cuts were mandated because they were made in midyear—protected academic course offerings, maintained existing levels of student aid and student employment, achieved a major reduction in staffing levels without resorting to layoff procedures, and relied on student fee increases to offset only 24 per cent of the shortfall in State support. The effect of our budget retrenchment on services, however, continues to grow as the University’s hiring freeze results in increasing numbers of unfilled positions and as retrenching operating budgets mean that fewer supplies and equipment are available to meet the University’s program needs.

Although we do not know the severity of the cuts in real income that we will face in the upcoming biennium, it is clear that the University’s funding difficulties will not be ended with the close of this fiscal year but will be carried forward into the upcoming biennium.

The Executive Budget for 1981-83 presented by the Governor to the General Assembly on February 4 fell two-tenths of a per cent short of restoring to OSU the funding level of the 1980-81 original appropriation. Within days after this Budget was announced, the State Office of Budget and Management revised the revenue projections for the upcoming biennium downward and has recommended that the original Executive Budget be cut by 2.6 per cent in 1981-82 and by 3.2 per cent in 1982-83. Discussions concerning State revenue projections are continuing in the General Assembly, and at this point no agreement has been reached on those levels upon which the 1981-83 biennial budget will be based.

Because of the uncertainty surrounding State levels of support for the University, and the extraordinary difficulties which current proposals would impose, we believe that the development of the University’s 1981-82 budget should be deferred until we have more information which can come only from the legislative process. Clearly, this is not a year for doing business as usual in our fiscal planning.

Even in our most optimistic moments, we know that difficult choices will be made for 1981-82 among the three interrelated components of the University’s budget: salary levels, student fees, and program funding. The establishment of choices among these components for 1981-82 will be of such significance that the University requires the best thinking of its faculty, administrative, and student leadership to arrive at a prudent course of action. Further, it is essential that we share with representatives of the students and faculty the implications of funding levels below present spending levels, let alone needs. We intend, therefore, to take advantage of the delayed budget process by setting in motion a process of consultation with representatives of those most concerned with our budget prospects.

Our plan is to establish an ad hoc Budget Advisory Council, comprised of representatives of various constituencies within the University, to advise the Administration as it develops its budget strategy for the coming year. This ad hoc Council will examine the fiscal status of the University, and will review the potential trade-offs that must be made among funding and revenue decisions.
DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET
STATUS REPORT BY PRESIDENT ENARSON (contd)

This Council will provide guidance to the University Administration on the principles and criteria to be employed in adjusting to fiscal austerity and will advise the President on appropriate strategies for taking appropriate retrenchment activities when such are necessary. Existing University processes for review and budgetary decisions will then be set in motion with the advice of the Council.

This ad hoc Council will be a supplement to, not a substitute for, the customary line responsibilities of the University Administration. It continues to be the Administration's responsibility to submit its final recommendations, based on its best judgment, to the Board of Trustees. It is, of course, the Board which must ultimately decide tuition policy, compensation policy, and major changes in program support.

The ad hoc Budget Advisory Council will be composed of the following representatives:

* Six members of the faculty selected by the faculty members of the University Senate Steering Committee in consultation with the Faculty Council.

* Three deans of colleges to be selected in a manner determined by the Provost.

* A student selected by each of the following student organizations: Undergraduate Student Government, Graduate Student Organization, Council of Graduate Professional Students.

The Provost and the Vice President for Finance and Planning will serve as non-voting ex-officio members. The various Vice Presidents and other officers of the University will meet with the Council from time to time as appropriate.

Non-voting co-chairmen of the Council will consist of the Vice President for Finance and Planning and a senior faculty member to be chosen by the President.

It is impossible to achieve a distribution of representation among the various constituencies that adequately parallels the impact of all decisions on the various constituencies. There are in the University community both shared interests and conflicting interests. We are optimistic that there will be greater agreement on the key issues than is generally thought. Certainly we will work toward agreement wherever possible. However, because consensus is not always possible when controversial issues are addressed, there will be no attempt to force compromise when to do so might blur honest differences of opinion. In those instances where no agreement is reached among the various constituencies on an issue, the Council will forward the separate recommendations of the constituent groups represented by the Council to the Administration.
March 6, 1981 meeting, Board of Trustees

DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET
STATUS REPORT BY PRESIDENT ENARSON (contd)

As the work of the Council progresses, it is expected that from time to time the Council will issue interim public reports. Although no final reporting date for the Council is established at this time, its work must be completed prior to the time that the 1981-82 budget is presented for adoption by the University Board of Trustees.

At the same time that discussions of the ad hoc Council are taking place at the Columbus Campus, the Vice President for Regional Campuses will undertake similar consultation with the constituent groups at those campuses.

In developing this plan, the advice and counsel of the University Senate Steering Committee has been extremely valuable. We realize that the time available is brief and the issues are complex. We deal with the unpleasant prospect of deciding how to share hardship. We cannot expect grand solutions, but we think that this enlarged consultation can be of significant value.

Mr. Hilliker:

Just one question, Mr. President, I think you hit it in your next-to-the-last sentence when you were talking about the prospect of deciding how to share hardship. I can see where an ad hoc Budget Advisory Council such as this will be advantageous as we plod through this process and I can see where you said its work must be completed prior to the time that the budget is presented for adoption by us. Is it also, then, safe to assume that that committee, however, would also terminate at that time, or are you envisioning this as an ongoing process year after year after year?

President Enarson:

No, it would be improper for me to make any such commitment. This is strictly a proposal for addressing the problem we have now. It is either this or something like this or it is the usual and customary way in which we address problems. I would assert that in the long haul there may or may not be need for new machinery, but if there were to be new machinery of a permanent sort, that would require a great deal of careful thought and I should think possibly action by the Board of Trustees.

Mr. Hilliker:

Can we anticipate, then, a report prior to the time we do have it for final approval because it would be helpful.

Mr. Devenow:

I think Mr. Hilliker makes a good point. I think, incorporated in your report should be that the life of the committee is at the end of the--
March 6, 1981 meeting, Board of Trustees

DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET
STATUS REPORT BY PRESIDENT ENARSON (contd)

Mr. Hilliker: This one budget crisis.

Mr. Galbreath: When the budget’s adopted.

Mr. Devenow:

Has this report been discussed with the Finance Affairs Committee prior to this meeting?

President Enarson: It has not.

Mr. Devenow: Why wasn’t it reported; why wasn’t it discussed?

President Enarson:

I think, very simply, because we have been addressing any number of problems—we’re dealing with a highly fluid situation—I think we have just begun to realize, as I am not sure others have, the degree of severity implied in the Governor’s Executive Budget proposal. I think that is dramatized and sharpened and underlined, if you will, by the notification just a few days ago, that there are additional cuts being made. Now, I hadn’t gotten into this because in one sense it is extraneous and in another sense, it is not. Just as we are being hit hard with respect to the State budget, we are struggling to try to assess the impact of Federal cuts. I wish I were prepared to tell this Board or tell the public or tell the students and faculty the full impact of proposals for massive cuts in student aid, for cuts in the National Institutes of Health and in the other agencies, for cuts in a whole host of programs which supply funds to the University. Bill—

Dr. Vandament:

In developing the process, I think, as you see in the President’s report, we have regarded this mechanism as a mechanism of consultation and advice to the administration which then presents the budget to the Board in the customary manner, and because this did not change the reporting relationship of the administration to the Board of Trustees, we thought that this was an administrative action that could be taken by informing the Board rather than by seeking approval.

Mr. Hilliker:

My concern is that I always look skeptically at creating other long-time levels of bureaucracy.

Mr. Devenow:

I can understand your position, Bill, and I am merely pointing out that you are setting a precedent here. I feel very strongly—despite the fact that there is no committee that the Board is authorizing here—that that precedent should have been discussed with the Fiscal Affairs Committee so they could present it properly to the Board, not as something we have to vote on but as a precedent. Any other comments?
President Enarson:

I suppose from time to time as President, I have made use of any number of ad hoc advisory groups. I grant you this is a very important group, and if we could command more attention of the time of the Board than we do, we always welcome further participation.

Mr. Havens:

Is there any particular reason why the Provost appoints the three deans when, on the other hand, the six faculty members are selected by the Steering Committee?

Provost Reynolds:

I'll respond to that, Mr. Havens. I have great faith in my deans, and I had planned to convene them and talk with them about this and develop some sort of process with them that they all agreed to, to result in their selection that would be mutually satisfactory.

Mr. Havens: I accept that.

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APPOINTMENT OF NOMINATING COMMITTEE

Mr. Devenow announced the appointment of the following persons to the Nominating Committee:

Daniel M. Galbreath, Chairman
John F. Havens
Edmund C. Redman

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ENERGY MANAGEMENT--OSU

Mr. Jackson:

First of all, let me say that I appreciate the opportunity and certainly understand why we're where we are; let's put it that way. One of the things I found when I came to the University just over a year ago was a very fine energy conservation program, which under the President's leadership and Tom Smith and his folks have done such a super job. We had originally thought we might try to take everybody over to the energy conservation computer and kind of show you how it all works. I had some thoughts about that because we bring before you, all the time, little pieces of this energy conservation program and really have been unable
March 6, 1981 meeting, Board of Trustees

ENERGY MANAGEMENT--OSU (contd)

Mr. Jackson: (contd)

to show you how they all fit together. So we decided since the little trip was impractical because of space and time, that we would put together a TV tape so that we could use it not only to present to you but as a training tool for alumni groups and the like, a little show which I think is really very good. I think it leads us from where we've been to maybe some of the things that ought to be considered here in the very near future. There are some important details, and so we would hope that the picture is good and that the sound is good so that you can hear them, and I think you'll find it very interesting. Let's see if everything works now.

(The film followed)

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Thereupon the Board adjourned to meet Friday, April 3, 1981, at Morrill Hall on The Ohio State University Marion Campus, Marion, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 20, 1981
Honorary Degree Recipients

Norman E. Borlaug
Distinguished agricultural scientist and humanitarian, recipient of the Nobel Peace Prize, Norman E. Borlaug has been aptly described as a “peaceful revolutionary.” His pioneering work in perfecting strains of wheat suited to the growing conditions in developing countries created a “green revolution” and lifted the burden of hunger from millions around the world. Product of a land-grant university, exemplar of the land-grant ideal, he has dedicated his life to giving others the knowledge to change their lives for the better. As scientist and spokesman, he continues his efforts to ease the problems of world hunger today and avert the crises of tomorrow. The Ohio State University is honored to pay tribute to Norman E. Borlaug for his singular contributions to a future of promise for all people.

Edgar F. Shannon Jr.
Internationally recognized scholar, distinguished academic statesman, Edgar F. Shannon Jr. exemplifies the highest traditions of the scholarly life. From his heritage as a Virginian, he drew a sense of excellence that became the hallmark of his career as Rhodes scholar, professor of English, and university president. During 15 years as president of the University of Virginia, he built upon its honored past, opened its doors to the future, and led it to new acclaim. His leadership in the national affairs of higher education and his service as president of Phi Beta Kappa attest to the high regard in which he is held by his peers. The Ohio State University is privileged to honor him for his eminent career and lasting contributions as teacher, scholar, and leader of the academy.

Distinguished Service Award Recipients

John Deaver Drinko
Honor graduate of the College of Law, dedicated leader in its behalf, John Deaver Drinko has served this University with unusual distinction. Setting as his goal the enrichment of legal education through private support, he provided the dynamic force that led to the establishment of two endowed professorships and a major scholarship fund. In many other ways, he has involved himself in distinguished service to his alma mater. His untiring efforts and his generous sharing of personal resources reflect his unique commitment to excellence in all that The Ohio State University undertakes.

Arnold E. Ross
Distinguished mathematician, inspiring teacher, Arnold E. Ross has gained international recognition for his unique efforts to discover and develop talent in young people. His summer mathematics programs for gifted high school students brought great credit to this University and became the model for programs abroad. His work with talented inner-city children reflects his deep belief that the gifts of the mind are everywhere. Under his guiding hand as chairman, the Department of Mathematics developed strength and vitality. For more than four decades, Arnold E. Ross has widened the horizons of students and colleagues and fulfilled the highest promise of the teacher’s art.
The Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Walaa Mishe Axelrod, Worthington; B.A. (Miami University); M.S. (Wayne State University); Education; Dr. Desmon L. Cook

Douglas Peter Beal, Shaker Heights; B.S.; M.E.D. (Bowling Green State University); Physical Education; Dr. Edward L. Fox

Hasna Mohamed Be-Haj, Tripoli, Libya; B.S. (University of Libya); M.S. (Colorado State University); Horticulture; Dr. William A. Gould

Mary Frances H. Nenners Benc, Kaukauna, Wis.; B.S. (Marquette University); M.S.; Chemistry; Dr. Richard F. Firestone

Robert Mark Boyol, Columbus; B.A., M.S.; Physics; Dr. James C. Garland

Jeu-Huey Chen, Kaohsiung, Taiwan; B.S. (National Taiwan University); M.A.; Economics; Dr. Thomas A. Wolf

Wichai Chevapravatdumrong, Bangkok, Thailand; B.E. (Chulalongkorn University); M.S. (University of Washington); Civil Engineering; Dr. Komron Mejiddakoh

Ho Jin Choi, AnnAong, Korea; B.S., M.S.; Metallurgical Engineering; Dr. Franklin H. Beck

Denis Ilozukute Eneanya, NRI, Anambra, Nigeria; B.S. (Denison University); Pharmacology; Dr. Joseph R. Bianchine

David Engler, Columbus; A.B. (Case Western Reserve); M.S.; Interdisciplinary: Preventive Medicine, Economics and Education; Dr. Thomas N. Chirikos

Mareia Bloh Epstein, Columbus; A.B. (Brandeis University); M.A. (Western Reserve University); Education; Dr. Jack R. Prymier

Michael Paul Farinelli, Arnold, Pa.; B.S. (Pennsylvania State University); Physiological Chemistry; Dr. Keith E. Richardson

Luís Carlos Felicio, Sao Carlos, Sao Paulo, Brazil; Mech. Eng., Mech. Eng. (Universidade de Sao Paulo); Mechanical Engineering; Dr. Ernest G. Deboel

Brian Eugene Forschner, Dayton; B.A. (San Diego University); M.A., M.S. (Xavier University); Education; Dr. Anthony C. Rito

Georges Maximilien Gavino, Queen City, Philippines; B.S. (University of the Philippines); Chemistry; Dr. Percy N. Prey

Victor Cesare Gavino, Manila, Philippines; B.S. (University of the Philippines); M.S. (University of Minnesota); Physiological Chemistry; Dr. David G. Cornwell

William Jay Goldberg, Boston, Mass.; B.S. (Bobart College); Physiological Chemistry; Dr. Keith E. Richardson

Karen Elaine Grandel, Massillon; B.S. (Ohio University); Medical Microbiology and Immunology; Dr. Frank A. Kapriel

Norman Gene Grant, Dayton; A.B. (Wilmington College); M.Ed. (Xavier University); Physical Education; Dr. Asymmetrical

John Walter Heinz, Millersburg; B.S.; Pathology; Dr. John A. Lott

Tsangmin Victor Huang, Taihchiung, Taiwan, R.O.C.; B.S. (National Tsing Hua University); Food Science and Nutrition; Dr. Paul M. T. Hansen

Lawrence William Hugentig, West Chester; B.S.S.W., M.A.; Communication; Dr. John J. Harkay

Robert Smith Hurley, Painesville; A.B. (Western College); M.S. (Case Western Reserve University); Home Economics; Dr. Virginia M. Vivian

Navita Eloise Cummings James, Columbus; B.A., M.A.; Communication; Dr. Thomas A. McCul

Alene Smith Jones, Mansfield; B.S. (Wilberforce University); M.A.; Education; Dr. William D. Bowling

John Edison Jordan, III, Macon, Ga.; B.S. (University of Georgia); M.Ed. (Georgia State University); Education; Dr. Dewey A. Adams

Gerry Martin Ellekir, Westlake; B.A. (Bowling Green State University); M.S. (University of Bridgeport); Education; Dr. Joseph J. Quaef

Susan Goodman Josephson, Columbus; B.A., M.A.; Philosophy; Dr. William G. Lyon

Laurence Gary Kantor, Fairlawn, N.J.; A.B. (Rutgers University); M.A.; Economics; Dr. Edward Kane

John Robinson Kennedy, Hamilton, Ontario, Canada; B.P.H.E.; B.A. (University of Toronto); M.Ed. (State University of New York at Buffalo); Physical Education; Dr. Bruce L. Bennett

Berenice Eveline King, Christchurch, New Zealand; B.A., M.A. (University of Canterbury); Sociology; Dr. Saud Z. Naji

William Dick Klobucar, Utica, Mich.; B.S. (University of Detroit); Chemistry; Dr. Les A. Puquette

Beverly Ann Knauper, Cincinnati; B.S. (Wilmington College); Medical Microbiology and Immunology; Dr. Vincent V. Hampran

Peter John Koenig, Columbus; M.A.; Economics; Dr. Brion M. Fleisher

Mark Alan Kramer, Lyndhurst, B.S.S.W., M.S.; Preventive Medicine; Dr. Richard R. Lanee

Phyllis Watts LaFontaine, Pickerington; B.A. (State University of New York at Potsdam); M.A.; Education; Dr. D. Alexander Severino

Gunter Lothar Lange, Youngstown; B.S.; Astronomy; Dr. Robert F. Wing

Donald Victor Larrick, Titusville, Fla.; B.A. (Florida Technical University); M.A.; Sociology; Dr. H. Yuen Tien

Dennis Phillip Law, Champaign; B.S., M.S.; Biostatistics; Dr. James A. Hevner

Terrence Kwok-Tim Lee, Hong Kong; R.O.C.; B.S. (University of South Carolina); Biochemistry; Dr. Garfield P. Roger

Frank Richard Lewitki, Columbus; B.A. (Pikeville College); M.A. (Virginia Polytechnic Institute); History; Dr. Robert H. Brewer

Chung-Ming Johnny Li, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Computer and Information Science; Dr. Ming T. Liu

William Ernest Lide, Darlington, S. C.; B.S. (Johnson C. Smith University); M.Ed. (University of North Carolina); Physical Education; Dr. Barbara A. Nelson

Peter Nathan Lohman, New York, N. Y.; A.B. (Oberlin College); M.M.; Music; Dr. Berdette L. Green

Marsha Jo Anne Brown Martin, Cincinnati; M.S.; Plant Pathology; Dr. Richard M. Riedel and Dr. Redail C. Love

James Archie McLean, Petersburg, Va.; B.S. (Agricultural and Technical College of North Carolina); M.A. (Virginia State College); Education; Dr. John J. Kennedy

Luiz Gomes Mendes, Salvador, Bahia-Brazil; B.Sc. (Federal University of Bahia); M.Sc. (Federal University of Vioza); Agricultural Economics and Rural Sociology; Dr. Norman Rosk
Elizabeth Jane Arndt, Columbus; B.S., M.A.; Social Work; Dr. Joseph S. Cutler

M. Rentel

James Jay Saperstein, Columbus; B.S. (Baldwin Wallace College); M.A.; Education; Dr. Donald S. Von Meter

James Jay Sevillian, Lake wod; B.S., M.S. (University of Oklahoma); Pathology; Dr. Paul E. Hurthorne

Francine Sevol, Cleveland; B.A. (Miami University); M.A.; Education; Dr. Donald K. Bateman

B. K. Ravi Shankur, Bangalore Karnataka, India; B.S., M.S. (Bangalore University); Chemistry; Dr. Harold Skechter

Birna Richie Smith; B.S. (Miami University); M.A. (Ohio University); M.A.; Communication; Dr. Joseph M. Foley

Scott Douglas Somers, Euclid; B.S., M.S.; Microbiology; Dr. Bruce S. Fawting

Semra Somersan; B.A. (Robert College); M.A., M.A.; Anthropology; Dr. Erika Bourguignon

Thomas Robert Somerville, Lyndhurst; B.S. (East Carolina College); M.A. (Georgetown College); Physical Education; Dr. Bruce L. Bennett

Douglas Allan Spiller, Reynoldsburg; M.S. (Miami University); M.S.; Plant Pathology; Dr. Philip O. Larsen

Teresa Anne Swartz, Wooster; B.S.Ed., M.B.A. (Clarion State College); Business Administration; Dr. William T. Tolgaoglu

Pravit Tulyathan, Bangkok, Thailand; B.S., B.E. Eng. (Georgia Institute of Technology); M.S.; Electrical Engineering; Dr. Carlton H. Walter

Nancy Jane Typhon, Huntington, W. Va.; B.A. (Marshall University); M.A.; English; Dr. Richard D. Atlee

Angelica Varela, Puerto Rico; B.A., M.S.W. (University of Puerto Rico); Social Work; Dr. Milton S. Rosner

Roma Brooks Little Vaughn, Dayton, B.S., M.A. (Wright State University); Education; Dr. Judy Genshaft

Carol Louise Weaver, Olympia, Wash.; M.Ed. (Oregon State University); B.S. (Wright State University); Education; Dr. Aarons J. Miller

Edward Dennison Wilgus, Columbus; B.M. (Kent State University); M.A.; Education; Dr. Joseph J. Quaranta

Kipling David Williams, Seattle, Wash.; B.S. (University of Washington); M.A.; Psychology; Dr. Bibb Latane

Robert Bruce Woyach, Mequon, Wis.; B.A. (Marquette University); M.A. (Yale University); Political Science; Dr. Chadwick F. Alger

Master of Accounting

Deborah Frances Ross, Spotsylvania, Va.; B.S. (Norfolk State University); Accounting

Master of Architecture

Chalay Konawong, Thailand; R.Arch. (King Mongkut's Institute of Technology); Architecture

Kuo-cheng Liao, Taipei, Taiwan, R.O.C.; B.A. (Feng-chia College); Architecture

C diagnosis Surongen, Bangkok, Thailand; B.Arch. (King Mongkut's Institute of Technology); Architecture

Master of Arts

Kenneth Ronald Alexander, Melbourne, Australia; B.Ed., B.Educ. (Monash University); Dip.Phy.Ed. (University of Melbourne); Physical Education

Gayle Querin Amato, Columbus; B.S.Ed.; Education

Ebeneter Yaw Antwi, Ghana, Africa; B.A. (Kansas Wesleyan); Education

Ronald Dean Bach, Columbus; B.S.Ed.; Education

Deborah Baum, Columbus; B.A. (Kenyon College); Psychology

Roger Thomas Beck, Columbus; B.S.; Education

Susan Elizabeth Bell, Cleveland Heights; B.S.Soc.Wel.; Public Administration

Andrew James Birtile, Port Jefferson, N. Y.; B.A. (Saint Lawrence University); History

Phyllis Burr Blocher, Worthington; B.A.; Education

Monica Lee Bluestein, Cincinnati; B.S. (Kent State University); Education

Rebecca Sue Bowman, Columbus; B.A.; English

Laverna Sue Boyer, Circleville; B.S. (Rio Grande College); Education

Alta June Brelsford, Lancaster; B.S. (Kent State University); Education

Lois Ann Brunelle, Galloway; B.S.Ed.; Education

Judith Chadima Burian, Lancaster; B.S.H.E., M.S.; Public Administration

Maureen Victoria Layne Burnley, Dayton; A.B-Anthrop. (Bryn Mawr College); Communication

Lisa A. Callahan, Marion; B.S.; Sociology

Lucinda Rae Callender, Xenia; B.A.; Political Science

Shu-Chen Chien, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan Normal University); Education

Min Ching, Taiwan, R.O.C.; Bachelor's (National Chengchi University); Education

Tung-pin Chi, Kaohsiung, Taiwan, R.O.C.; B.A. (Tung Hai University); Political Science

Frances Ching-ting Chu, Taipei, Taiwan, R.O.C.; B.A. (National Cheng-chi University); M.A. (Eastern Michigan University); Education

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Charles Confar, Columbus; B.S.Ed.; Education

Nancy S. Confar, Columbus; B.S. (Skidmore College); M.R.E. (Boston University); Education
Danny L. Crigpen, Canistota, S. D.; B.S. (University of South Dakota); Public Administration
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Catherine Green, Columbus; B.A., B.F.A.; College at Cortland)
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David William Hunter, Cleveland; B.A. (Hiram College); Physical Education
George Sylvester Ibe-Bassey, Ilkon, Nigeria; B.Sc. (University of Ives); Education
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Yuki Patrick Leung, Hong Kong; Social Work (Hong Kong Baptist College); Public Administration
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Dennis Allan Miller, Lebanon, Pa.; B.A. (Lebanon Valley College); Physical Education
Linda L. Milligan, Columbus; B.S. (Southern Illinois University); Education
Lorraine Lynn Minutili, Columbus; B.A.; Education
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Linda Kay Tynor, Cleveland; B.A. (Cleveland State University); Psychology
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Sharon Deborah Weaski, Wilmington, Del.; B.S.N. (The University of Delaware); Physical Education (Health Education)
Joan Jackson Webster, Delaware; B.S.Ed.; Education
Bill Wetisman, Van Nuys, Calif.; B.A. (University of California at Los Angeles); Education
John Charles Whieldon, Worthington; B.A. (Brooks Institute); Photography and Cinema
Loretta Sue Ashley Wicks, Lorsin; B.A. (Oberlin College); Psychology
Peter Warren Williams, Garah, Australia; B. of Laws (Australian National University); Diploma (Claremont Teachers College); Education
Cynthia Pietrak Wong, Philadelphia, Pa.; B.A. (Carleton College); Classics
Joseph Alan Yednock, Columbus; B.S.Ed.; Sociology
Karen Elizabeth Ring Zalac, Bethesda, Md.; B.S.Ed. (Capital University); Education

Master of Business Administration

Polly Ann Ahrends, Cambridge; B.S. (Miami University); Business Administration
Lyle Scott Barnes, Middletown; B.A.; Business Administration
Kevin Lawrence Bloomfield, Cincinnati; B.A. Economics, J.D. (University of Cincinnati); Business Administration
Toni E. Bogle, Lyndhurst, N. J.; B.S. (Cook College, Rutgers University); Business Administration
Joanne M. Brehm, Kettering; B.A. (Marquette University); Business Administration
Bernadine Lewis Butler, Cleveland; B.S.B.A.; Business Administration
Jeffrey Chett Carter, Columbus; B.S.Agr.; Business Administration
Teck-leng Chen, Republic of Singapore; B.S. (University of Tennessee); Business Administration
David R. Conley, Oak Hill; B.S.B.A.; Business Administration
James Andrew Ghanah, Accra, Ghana; B.A.; Business Administration
Loretta Cycling Gille, Columbus; B.A.; Business Administration
Carolyn Denise Heath, Tarboro, N. C.; B.S. Accounting (Saint Augustine College); Business Administration
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Stanley Edwin Johnson, Reynoldsburg; B.B.C.; M.S.; Business Administration
Raj K. Kapoor, Columbus; B.Tech. (Indian Institute of Technology); Business Administration
Stanley Louis Karp, Ill., Saratoga, Calif.; B.S. (University of Santa Clara); M.S.; Business Administration
James Walter Lemonn, North Canton; B.S.B.A.; Business Administration
Richard A. McGuinness, Worthington; B.S.C.E.; Business Administration
Steve J. Mygrant, East Liverpool; B.S.Bus.Ad.; Business Administration
Fulvio A. Pagliaro, Marysville; B.Chem.Eng. (McGill University); Business Administration
Randall Brent Palmer, Urbana; B.S.; Business Administration
Tuan Bui Pham, Columbus; B.S.; Business Administration
Charles A. Rolle, Powell; B.A. (Talladega College); Business Administration
Joan Carlos Sant, Madrid, Spain; Bachelor in Economics and Business (Universidad Autonoma); Business Administration
Jonathan R. Tabor, Upper Arlington; B.S.B.A.; Business Administration
Scott Tindall, Cleveland; B.A. (Kenyon College); Business Administration
Frederic Jean Arthur Turner, Paris, France; D.E.S.C. (International Commercial Academy); Maitrise de Sciences Economiques (University of Paris II); Business Administration
Jack R. Vainer, Mexico City, D. F.; B.A. (Universidad Anahuas); Business Administration
David Wyant, Eugene, Ore.; B.A. (University of Oregon); M.A.; Business Administration

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Master of City and Regional Planning
Waldemar Josef Chmielewski, Cleveland; B.A. (Cleveland State University); City and Regional Planning
Joan Fliegel Glassford, Columbus; B.S. Interior Design (Ohio University); City and Regional Planning

Master of Fine Arts
Linda Ruth Nelson, Chillicothe; B.F.A. (Miami University); Art

Master of Health Administration
James Patrick Barrett, Columbus; B.S. (State University of New York at Buffalo); M.S. (University of Vermont); Allied Medical Professions
Jack Mark Bryan, Morgantown, W. Va.; B.S. (West Virginia State College); Allied Medical Professions

Master of Labor and Human Resources
Michael Damian Esposito, East Rockaway, N. Y.; B.S. (State University College at Oneonta, New York); M.A. (Kent State University); Labor and Human Resources
Gerhard Kuhner, Muskegon, Mich.; B.S. (Western Michigan University); Labor and Human Resources
Robert Diehm Newcombe, Bradford, Pa.; B.A. (University of Pittsburgh); Labor and Human Resources

Master of Music
Robert William Saari, Painesville; B.Mus. (University of Miami); Music

Master of Public Administration
Margaret M. Dinan, Columbus; B.A., B.S.Ed.; Public Administration
Blake William Sherry, Wintersville; B.A. (Kent State University); Public Administration
Melissa J. Stanford, Columbus; B.A.; Public Administration

Master of Science
Abdulshaf Abdulsabah, Columbus; B.Sc. (Cairo University); Civil Engineering
Osama Ahmed Abdulshaf, Cairo, Egypt; B.Sc. (Cairo University); Civil Engineering
Carol S. Adamas, Columbus; Home Economics
Agnos Caroline Gaius Aguas, Philippines; B.S. Statistics (University of the Philippines); Computer and Information Science
Barbara Via Anderson, Miami, Fla.; B.S. (Milwaukee University); Pathology
Douglas Robert Anderson, Upper Arlington; D.D.S.; Dentistry
Jayeve Susan Anderson, Egin, Ill.; B.S. (University of Illinois); Plant Pathology
Monty Andro, Avon Lake; B.S.S.E. (Ohio University); Electrical Engineering
William Thomas Bacon, Jr., London; B.A. (Wittenberg University); Agricultural Economics and Rural Sociology
Behnam Baharou, Tehran, Iran; B.S.; Engineering Mechanics
Simine Bahage, Iran; B.Sc. (University of Jordan); Computer and Information Science
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Rahim Farhankh Banekoal, Tabriz, Iran; B.S. (University of Rezaiah); Civil Engineering
Daniel J. Birmingham, Shadyside; B.S.; Microbiology
Myra R. Block, Pittsburgh, Pa.; B.S. (Pennsylvania State University); Home Economics
Elisabeth Anne Boyne, Columbus; B.S.; Horticulture
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Chin-chie Chung, Taiwan, R.O.C.; B.E. (Tamkang University); Civil Engineering
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Taemin Choi, Taegu, Korea; B.Eng. (Kyungpook National University); Mechanical Engineering
Chaiwat Damrongmongkol, Utrarudit, Thailand; B.Sc. (Chulalongkorn University); Industrial and Systems Engineering
Joseph Gerard D'Mello, Bangalore, India; B.Sc., M.Sc. (Bangalore University); Mathematics
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James Aymer Doucett, Olean, N. Y.; A.B. (Kenyon College); Zoology
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Daniel Lee Edwards, Columbus; Natural Resources
Edward Leslie England, Key West, Fla.; B.A. (Concordia College); Electrical Engineering
Linda Sue England, Columbus; B.S. (Oklahoma Baptist University); Environmental Biology
Sharon Lee-Zeigler Farrell, Gallion; B.S.All'd.Hlth.Prof.; Allied Medical Professions
Robert Paul Felder, Cleveland; B.S.; Geology and Mineralogy
Connie Jean Dietler Fenton, Winchester; B.S.N.; Nursing
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Daniel Howard Freeman, Wooster; B.S.C.E. (University of Notre Dame); M.B.A. (Arizona State University); Civil Engineering
Robert A. Galembo, Jr., Moers, N.Y.; B.A. (State University of New York, College at Potsdam); Chemistry
James Garver, Vermilion; B.S. (Cleveland State University); Physics
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Catherine Leona Hermon Hornbeck, Columbus; B.A. (Miami University); Geology and Mineralogy
John Allan Edgar Hubbell, Lima; D.V.M.; B.S. (Morehead State University); Animal Science
Sherry Hu~ Grace, Columbus; B.S.; Computer and Information Science
Renate F. Hunn, Columbus; B.A. (Manchester College); Natural Resources
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Nan-shan Huw, Kaohsiung, Taiwan, R.O.C.; B.S. (National Taiwan University); Home Economics
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Percy Shapar Tarapore, Bombay, India; B.Sc., M.Sc. (Bombay University); Industrial and Systems Engineering

Maurice Andre Taylor, Pine Bluff, Ark.; B.S. (University of Arkansas at Pine Bluff); Computer and Information Science

Mario Ramos Tolentino, Quezon City, Philippines; B.S., M.Sc. (University of the Philippines); Geodetic Science

Douglas Alvin Troy, Cincinnati; B.S.Ed. (Miami University); Computer and Information Science

James Edward Turburo, Independence; B.S. (Kent State University); Natural Resources

Vichien Usanachote, Bangkok, Thailand; B.Sc. (Chulalongkorn University); Industrial and Systems Engineering

Timothy Andrew Van Echo, Columbus; B.S.C.E.; Civil Engineering

Uday Vasant Watne, Bombay, India; B.Tech. (Indian Institute of Technology); Industrial and Systems Engineering

Wing-Sung Wong, Macao, Portugal; B.S. (University of Southwestern Louisiana); Computer and Information Science

Fu-Yu Wu, Touliou, Taiwan, R.O.C.; B.S. (National Taiwan University); Animal Science

Chao Wu Yang, Taipei, Taiwan, R.O.C.; B.S. (Tunghai University); Computer and Information Science

Cesar E. Yeset, Guayaquil, Ecuador; B.S. (Escuela Superior Politecnica del Litoral); Electrical Engineering

Joseph John Zakelj, Cleveland; B.S., M.S. (John Carroll University); Computer and Information Science

Chairman, Coordinating Council of Deans:

Patrick R. Dugan

Vice Provost for the Arts and Sciences:

Thomas A. Willsie

The Colleges of the Arts and Sciences, a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematical and Physical Sciences

College of Social and Behavioral Sciences

Dean: Andrew J. Broekema

Bachelor of Arts

Gary Thomas Ajaime, Akron

Carey Lindsay Champoux, Westerville

James Robert Hutto, Mitsubishi

Douglas Alan Hesle, Steubenville

Mary Louise Henrich, Columbus

Bruce Edward Hochstetler, Mentor

Robert R. Howland, Jr., Gahanna

John Charles Huffman, Washington C.H.

Joanne Helen Jastram, Columbus

Conrad Lowell Kinard, Jr., Denton, Tex.

Ellen Margaret Liesch, Trenton, N. J.

Yutendo O. Makinde, Ibadan, Ekiti

Teresa Kathryn Menestse, Dayton

Kurt Francis Mutchler, North Canton

Bruce David Nachman, Shaker Heights

Barbara S. Nielsen, Columbus

Valerie Sylvia Ralts,2 Kettering

Rebecca Lin Russell, Avon Lake

Maureen Shanahan, Lima

James Hayes Staebler, Mentor

Charles D. Stullard, H. Jenkins, Ky.

Timothy C. Welch, Reynoldsburg

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Steven E. Brassier, Kettering

Ann Louise Burkhart, Fairborn

Kathleen Anne Kopp, Columbus

Daniel John Hauke, Columbus

Frederic Thurlow Paddock, Columbus

Gregory Jay Zivie, Dover

Bachelor of Music

Bennie Lee Jones, Columbus

Hien Ngoc Tran, San Francisco, Calif.

Bachelor of Art Education

Wanda Sue Corbet, Harrod

Lynn Schwartz Durr, Worthington

David Richard Douglass, Pataskala

Margaret Mary Gallagher, Troy

Susan Ann Shirley, Hixson, Tenn.

Bachelor of Music Education

Suzanne Claire Matthews, Columbus

Martha Irene Smith, Avon Lake

Bachelor of Science in Audio Recording

James Alan Kaiser, Columbus
College of Biological Sciences
Dean: Patrick R. Dugan

Bachelor of Science
Andrea R. Bowen, Chicago
Peter Douglas Broshe, Shaker Heights
Rebecca Bull, Columbus
Cynthia Lee Buchler, Canfield
Timothy Paul Cullinan, Columbus
Gregory Alan Dahlem, Dayton
Jeffrey Alan Daff, Washington C.H.
John Carl Darnell, Dayton
Jeffrey Allen DaRif, Washington C.H.
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Guy Kenneth Kantak, Columbus
John Carl Darnell, Dayton
Jacqueline Newett, Cleveland
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Rebecca Bull, Columbus
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William L. Fodor, Columbus
John Michael Halland, Fairview Park
Daniel Lane Hood, Centerville
Michael J. Hults, Versailles
Guy Kenneth Kantak, Columbus
Paul E. Keers, Cincinnati
Richard Klump, Independence
Michael Anthony Kohark, Fairview Park
Kim Pinge Lee, Cleveland Heights
James Andrew Lench, Mansfield
Doreen Lynne Markowitz, Mentor Heights
Robert Coy Moody, Grafton
Jacqueline Newett, Cleveland
David Benjamin Packer, Youngstown
E. Keers, Cincinnati
Michael Eng, Paul Helland, Fairview
Sefton, Puerto Rico
E. Keers, Cincinnati
Michael Eng, Paul Helland, Fairview
Sefton, Puerto Rico

College of Humanities
Dean: Diether H. Haenicke

Bachelor of Arts
Gerald A. Baker, Columbus
James Douglas Merchant, Columbus
Bachelor of Arts
Laure Ann Vereb, Sylvania
Dean: Diether H. Haenicke

Sujata Singh, Ashtabula
Jeffrey Alan Webb, Middletown
Richard Klump, Independence
Paul Peter Brookfield, Mentor Heights
Andrea Beth Riedel, Garfield Heights

College of Mathematical and Physical Sciences
Dean: Colin B. B. Bull

Bachelor of Science
James L. Miller, Apple Creek
Thomas George Murray, Worthington
Leslie Navarro, Columbus
Robert Lincoln Quick, Tokyo, Japan
Dean: Colin B. B. Bull

Jeffrey Wayne Pelley,Wellsville
Robert James Rees, Worthington
Alfred Rittmeyer, Columbus
Matthew David Sommer, Columbus
Elisabeth C. von Carlowitzs, Moreland Hills

College of Social and Behavioral Sciences
Dean: S. Earl Brown

Bachelor of Arts
Aneleim ANOKwu, Owerri, Nigeria
David L. Ash, Marietta
David B. Atkinson, Columbus
Shawn Renee Bauman, Lisbon
Brent Deane Benjamin, Upper Arlington
Janice Susan Berke, Lyndhurst
Amy Ruth Bernstein, Columbus
Patrick Joseph Berry, Jr., Columbus
Thomas Randall Bilincos, Lewiston, N. Y.
Leslie Daniel Boggis, Columbus
Gerald Alan Bower, Columbus
Lynda Lou Bremkamp, Moreland Hills
Neil Everet Brown, Columbus
Kevin Burke-Green, Kingston, Jamaica

Scott Alan Burrus, Point Pleasant, W. Va.
Cathleen Mary Eusensh, Columbus
William Eugene Cain, Lima
John A. Carpenter, Chillicothe
Wanda Jane Chmielewski, Fairborn
Myrtle Deanna Choate, Newark
Millicent Ambras Cobb, Toledo
Vance LaMont Dixon Cobb, Columbus
Victoria Ann Cote, Columbus
John Nelson Crackall, Bay Village
Philip C. Croy, Yellow Springs
Donald R. Davis, Jr., Columbus
Cynthia Driver, Columbus
Frank Edward Duddy, III, Columbus
Thomas Dumbacher, Cincinnati
Valorie Lynn Everhart, Cooshon
Milford Gene Farley, II, Loria
Theodore B. Fernald, Columbus
Joni Elizabeth Fox, Zanesville
Merily N. Friedman, Dayton
Beth Ann Germann, New Vienna
Elizabeth Jean Greenslade, Shaker Heights
Peter Daniel Gribble, North Olmsted
Marian Martha Hanley, Heath
Deborah Lou Henney, Columbus
Stephanie Aliecia Hightower, Louisville, Ky.
John Richard Horns, Upper Arlington
Jacqueline Ann House, Jeffersonville
John Jeffrey Hyatt, Canton
Marcia Ellen Hyde, Ashtabula
Kevin Ranelin Kent, Steubenville
Marla Mary Key, Columbus
William A. King, Columbus
Lora Beth Lance, Cutlar
Dorothy Sue Langlois, Columbus
Cynthia Marie Love, Columbus
Sharon Ann Maler, Painesville
Linda Baker May, Solon
James Robert McGibney, Columbus
Wilson McKee, Columbus
Karen Ann Miller, Wilmington, Del.
Cynthia Lynn Milner, Cincinnati
James Michael Morrison, Columbus
Mary L. Murtha, Columbus
Robert Bernard Oberdier, Blacklick
Dean Scott Oblonsky, Miami, Fla.
Laura Mary Uhleisch, Columbus
Ernest Neal Peck, Columbus
Marlene Elsia Bauchman, Cincinnati
Terri Sue Reynolds, Toronto
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Michael Anthony Rodgers, Columbus
Mindy Claire Rodin, Dallas, Tex.
Kevin G. Rooney, Columbus
Delphine J. Ruchter, Warrensville
Judith Sandman, Croe, Masses
Mitchell Craig Schneider, Cleveland
Deborah A. Siler, Columbus
Matthew L. Silver, Syracuse
Donna Bambi Simon, Aurora
HenriAnn Valli Sims, Columbus
Ellen Tracy Smith, University Heights
Rebecca Lee Smith, Delaware
Kathleen Ann Smith, Columbus
Roger A. Snell, Arcanum
Telissa Y. Snell, Ashitubla
Ann Jennie Spirit, Cleveland
David W. Stevens, Preston, Conn.
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Cheryl R. Sturko, Seven Hills
John Todd Tateau, E. Canton
Deborah Lynn Tatum, Columbus
Julia Anna Turner, Columbus
Sandra Alice Turner, Aurora
Machele Ann Waid, Bryan
Alisa Lynn Wehler, North Woodmere
Chris Wessels, Cincinnati

456
College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Michael Joseph Aiello, Columbus
Daniel Ralph Alexander, Columbus
Susan Kay Allen, Newark
Bruce Edward Baker, Marion
Robert Christopher Ball, Cincinnati
Barbara Jo Ballinger, Centerville
Charles Richard Baxley, Columbus
Benson Scott Beaver, Sunbury
Paula J. Beckley, Circleville
Cheryl Ann Bell, Fairview, Pa.
Leilei Villiger Bell, Arlington, Va.
Brian Keith Berg, Dayton
Kenneth Alan Bigley, Groveport
Sami Ahmed Binnmehoff, Columbus
David Rolf Boc, Columbus
Joseph Vincent Boffo, Columbus
Joseph Nicholas Botti, Columbus
Robert Marc Bouchard, Dover
Drew Alan Bourke, Bucyrus
Samia Faiz Bourou, Lebanon
Linda Elizabeth Bowers, Columbus
Brad Nathan Brewer, Pickerington
William Connelly Brodegard, Woodfield
Peter Michael Brown, Lakewood
Walter Henderson Brown, Pataskala
Thomas Nicholas Brozovich, Flushing
Anne Marie Bunstine, Columbus
Stephen Dale Burcham, Proctorville
Bobby Joe Burke, Pittsburgh, Pa.
Chester Guy Casagrande, Alliance
Cynthia Sue Caso, Belpre
Jerry D. Chambers, Columbus
Helen Davidson Chapman, Wilmington, Del.
Rick L. Cohen, Moreland Hills
Anne Marie Corsiglia, Fairport, N.Y.
Kevin Todd Coyne, Newark
Michael Crawford, Columbus
Timeothy Earl Crawford, Dayton
Robert William Crooks, Columbus
William Campbell Cruszy, Centerville
Andrew W. Colburn, Avon Lake
Michael James Cunningham, Portsmouth
Matthew Richard Curren, Columbus
William Allen Davidson, Columbus
Dwane John DeFrank, Madras, Calif.
Mark Richard Delaney, Dayton
Denis Delit, Kenton
Jerome Thomas Dieringer, Defiance
John D'Angiulfo, Columbus
S Cheryl Lynnn Dixon, Danville
James Charles Dowley, Columbus
Raymond D. DuBois, Waynesburg
Thomas Joseph Duffy, Columbus
Michael Lee Eberst, Westerville
Lawrence Guy Eddleman, Pickerington
Alexandra Economou, Willowick
Jeff A. Eddlestein, Beavercreek
Sandia Jeanne Endter, Worthington
Thomas Michael Farrell, Columbus
William Leonard Fetter, Newark
Joel C. Fisher, Napoleon
Mark Robert Fox, Columbus
Gwendolyn Denise Funchess, Sumter, S. C.
Kenneth J. Galpin, Columbus
David James Gibb, Columbus
Clyde Abraham Gilbert, II, Columbus

Thomas William Giller, Columbus
Kevin Herald Goddard, Martins Ferry
Carl Gilbert Godshall, Sunbury
Mark Edward Graber, Centerville
James Bernard Graham, Newark
Timothy Alan Gregory, New Albany
Thomas Dan Gathen, Grove City
Stephen Earl Hall, Columbus
John Lance Harder, Westerville
Alan Jay Harlow, Cincinnati
Scot Herman Haslam, Burlington, Vt.
John David Hare, Canterbury
Mark Neilson Heacock, Westerville
Kay Ellen Hechesky, Columbus
Eric Jay Heiss, Wickliffe
Julie Day Henry, Columbus
Michael K. Hiatt, Columbus
Kenneth Douglas Hoffman, Warren
Debra M. Homan, Coldwater
Rochelle DeVetor Horn, Columbus
Edward John Horrnyak, Parma
Victoria Lynn Howell, Mansfield
Jeffrey W. Hutchinson, Columbus
Mark Joseph Jannarino, Worthington
Frank J. Iszii, Jr., Galena
Michael Lee Isaccor, Mansfield
Mark A. Janer, Buffalo, N. Y.
Richard Alan Jobs, Newark
Aimee Patrice Johnson, Mansfield
John Warren Johnson, Columbus
Matthew C. Johnson, Marion
Donald Kevin Jones, Columbus
Keith Brent Jordan, Westerville
Thomas J. Jordan, Columbus
Steven Frank Kaslik, University Heights
George Karpahedak, Martins Ferry
Murray Keith Katz, Columbus
John A. Keough, Lakewood
Jack Darnall Kerr, Dayton
Martin Clarence King, Columbus
Stuart Allen King, Pittsburgh, Pa.
Branson Allen Kitzmiller, Columbus
James Evans Knab, Columbus
Rex Earl Knuehle, Centerville
Stephen Richard Knight, Warren
Joel B. Kratzer, Cincinnati
Karen Yvonne LaMarr, Columbus
Peter Charles LaPointe, Columbus
Paul Edward Lassau, Strongsville
William A. Lawm, Columbus
Dana Floyd Lee, Shaler Heights
Donald Eugene Leech, Mansfield
Gary Roscoe Lees, Centerville
Gary Alan Leist, Houston
Charles William Lewis, Warren
Pamela Sue Lewis, Belpre
Paul W. Litzinger, Columbus
Scott Gordon Livingood, Columbus
Susan Diane Lord, Galena
Teresa Gay Mackie, Mt. Vernon
Gregory Charles Maloni, Columbus
Jay Marie Marchant, Washington C. H.
Stephen C. Martin, Dayton
Carol Lee Matson, wheelchair, W. Va.
Richard Brian McAdams, Lima
Joseph Stephen McCall, Columbus
Patricia Jill McDonald, Columbus
Theresa McDonald, Tipp City
Kevin Thomas McKee, Cincinnati
Thomas Joseph McLeer, Columbus
Stephen Neal McVey, Columbus
Thomas Arthur Mellert, Columbus
Coreen Eileen Mouser, Columbus
Jack R. Nidikoff, St. Clairsville
Richard Scott Minniear, Sidney
John Anthony Mocke, Jr., Canfield
Mary Louise Monroe, Columbus
Kenneth Michael Moreland, Columbus
Mark Hyball, Parma

Bachelor of Science

John Douglas Wohlgamuth, New Albany
Ronald Guy Bridges, Winterset
Carl Thomas Cefalu, Akron
Roberta K. Coffey, Marion
Karen L. Heise, Grove City
Teresa Gall Higgins, Morrow
Robert R. Jo Bany, Columbus
James C. Long, Columbus
Dorothy Jean Mitchell, Columbus
Karen L. Heise, Grove City
Melanie Rose Williams, Chillicothe
Rebecca A. Williams, Columbus
Nancy Wood, Belfaire
John A. Keough, Columbus
Robert Thomas VanCleave, Columbus
Michele Rose Williams, Chillicothe
Nancy Wood, Belfaire

School of Journalism

Bachelor of Arts in Journalism

Colleen Marie Andring, North Canton
Gloria Jean Astorino, Lorain
Ronald B. Balsamo, Newconset, N. Y.
Barbara Ann Beatty, Lorain
David Edward Binkley, Toledo
Carl Thomas Cefalu, Akron
Karen L. Heise, Grove City
Mary Lou Roberts, LaRue
Rhonda Kay Tartt, Columbus
Robert Thomas VanCleave, Columbus
Michele Rose Williams, Chillicothe
Nancy Wood, Belfaire

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College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Michael Keith Adams, St. Marys
Robert Love Adams, Springfield
Donald Carson Antram, Lewistown
David Dean Baird, New Philadelphia
Thomas John Belanger, Bay Village
Keith Allen Biehl, Mount Vernon
Robert James Bowman, Canal Winchester
Lee Alan Brown, Grand Rapids
Steven Edward Busk, Columbus
Judy Ann Burns, Euclid
John William Calks, Bowling Green
Anthony Peter Caponetto, Columbus
Leanne Carpenter, Cortland
Debra Sue Chaffin, Dayton
Elizabeth Ann Curry, Columbus
Thomas Bosserl de Haas, Jr., Euclid
Samuel Edward Duff, Springfield
William Arthur Duff, Springfield
Laurie Margaret Dusing, Norwalk
David Young Farrel, Warren
Patx Ann Ford, Cincinnati
Jeffrey Thomas Freppon, Cincinnati
Ed Dale Funderburk, Woodstock
Michael John George, Newark
Charlies Wagner Green, Columbus
Michael Lee Hall, Columbus
Norman Eric Hansen, Leamington, Ontario, Canada
Joyce Ellen Harsh, Delaware
Kim Patrick Horton, Westchester
Brian Lee Huffaker, Troy
Vickie Darlina Hundley, Columbus
Kevin Kemper Jenner, Bellefontaine
Gregory Allen Johnson, Orrville
Michael Joseph Johnson, Akron
Kerry Jean Jones, Onbridge
John Gibson Joseph, Bucyrus
Laura Parks Kiser, Dayton
Nicholas Joseph Kray, Parma
Michael Robert Lawler, Jackson
Zenn Lis, Garfield Heights
Estelle Marie Machniss, Centerville
James Herbert Maddox, Lakewood
Herrick Alan Mann, Cleveland
Angela Marie Mattison, Columbus
Noel Thompson McDaniel, Woodstock
Daniel Jeffery Messerall, Madison
Frederick Joseph Meyer, Hillsville
Donald Joseph Miller, Delphos
William James Miller, Monroeville
Thomas Henry Mittelkamp, Lima
David Edward Motta, Grafton
David Allan Mussard, Mt. Vernon
Michael Jack Myers, Fremont
Steven Arthur Nuff, Bucyrus
Aytundeh Nathaniel Oyelakin, Kwaara, Nigeria
Gale Leslie Parks, Riner Mills
Mary Louise Pearce, Columbus
Brent Douglas Palbrook, Cardington
Bradley David Phillips, Berlin Heights
David Michael Prochaska, Jackson
Mark Bernard Przybylowski, Erie, Pa.
Michael Eugene Ramsey, Rushsylvania
Dale Owen Rees, Clyde, N. C.
David L. Ritchie, Columbus
Paula Jo Rosaler, Columbus
Paul Hulse Russell, Williamsport
Michael Vincent Savage, Parma
Marlisa Elizabeth Schneider, Bellevue
Kenneth Charles Schriver, Grafton
Debbie Robin Selling, Coral Springs, Fl.
Kevin Richard Sheppard, Racine
Jeffrey Michael Shields, Worthington
Patti Ann Shiftz, Columbus
Donald Frederick Smith, Upper Arlington
Michael Sharon Snowdon, Wayne
Steven Jay Speck, Bowling Green
Joseph Allen Steiner, Lebanon
Judith Ann Stilz, Blacklick
Robert Lee Thurman, Jr., Urbana
Steve Andrew Tipton, Columbus
Richard Michael Wagner, North Merrick, N. Y.
John Howard Weaver, Kansas
Kim Adair Weiss, Botkins
Jay Craig Weltbrecht, Greenville
Patrick Michael Williams, Waterville
Brian James Yoder, Toledo
Lee Scott Zehentbauer, Hanoverton
Darren Joel Zucker, Powell

Bachelor of Science in Food Science

Jeffrey Joseph Berus, Akron
Michael Lee Hurley, Mt. Vernon
Mary Jo Mattel, Columbus

Bachelor of Science in Nutrition

Aurila Nolida Jordan, Portland
Patricia Lynn Sawaay, Mt. Vernon

School of Home Economics

Bachelor of Science in Home Economics

Carol S. Adams, Columbus
Pamela Anne Ashby, Columbus
Deborah Lyn Baker, Lancaster
Lynn Mills Backlund, Dayton
Carol Lynn Benninger, Columbus
Nancy Margaret Bigler, Columbus Station
Teresa Boyer, Worthington
Pamela Sue Brown, Carlisle
Christi Lee Clofether, Worthington
Lisa Ann Eshner, Columbus
Cheryl Beth Elliott, Newark
Gayle Elaine Henry, Columbus
Amy Jo Hiegel, Van Wert
Jannette Elizabeth Hofher, Galena
Gwen Alice Hollosshpe, Columbus
Debra Lou Hune, Columbus
Bonnie Ray Jones, Powell
Lisa Ann Kiger, Columbus
Jacquelyn S. Keol, Sandusky
Cara Sue Laseter, Fredericktown
Beverly Anne Livingston, Clearwater, Fla.
Bonnie J. Long, Cleveland
Mary Kathleen Long, Middletown
Susan Benedicto Mastroangelo, Williamoughby
Anita Louise Mastrangelo, Willoughby
Rosemarie Newman, Worthington
Lori Sue Oesch, Shelby
Rhonda Marie Rohde, Versailles

458
Agricultural Technical Institute-Wooster

Associate in Applied Science

Nathan Mark Baltzly, Beach City
Carl David Boggs, Springfield
Molra Patrice Bowens, Columbus
Jeffrey Donald Bowman, Heath
Deborah Kay Brabbs, Cincinnati
Gregory Lee Gleem, Elyria
Daniel Harrison Elwood, Ada
MaryJorlie Lois EWart, Salem
Arden Leo Gill, North Canton
Patrick Gerard Griffin, Cincinnati
Jeffrey Lee Horn, Wooster
Dale Ralph Hult, Mansfield
Karl Francis Kanchi, Wooster
Miranda Jane Kelly, Leviseville, N.C.
John Kenneth Kucher, Girard
Dale Richard Libben, Port Clinton
Douglas Lee Mcdornn, North Lima
David Frederick McGinnis, Toledo
James Bryan Moon, Nebraska
Sean Dennis Mullarkey, Cincinnati
Glen Lyman Newcomer, Bryan
Jeffrey Carl Morgenstern, Milan
Alejandro Roman Nicola, Guatemala, Guatemala
Martin Bryant Ohawkwyk, Senecaville
Lee Alan Orians, Carey
Matthew Houston Pear, Wooster
Richard Albert Pierier, Jr., Franklin
Karen Mae Quinn, Middlefield
David Paul Richards, Toledo
Frederick Lawrence Sauer, Jr., Lakewood
Gerald Eugene Senn, Atica
Ronald Lee Shaw, Chillicothe
Robert Paul Sieving, Butler
Ralph Kevin Smith, Canal Winchester
Michael Roger Spies, Dover
Bruce Ralph Stacy, Marietta
Max Kenneth Stots, Edgerton
John Matthew Wade, Newark
Kathie Danielle Weaver, Belpre
Grace Rosena Yassy, Bucyrus
Richard Alan Zellers, Hartville

Rachel Naomi Clun, Lafayette
La Ann Conkel, Seistsville
Mindy Rae Cooper, Lexington
Dawn Allen Darby, Pickerington
Candice Joy Delong, Pataskala
Jeffrey Allen DeMatties, Columbus
Paul Michael Dodsworth, Columbus
Joseph Peter Dunlevy, Columbus
Susan Marie Durkin, Dayton
Amy Jane Edwards, Dayton
Michael Fredrick Eier, Findlay
Michael G. Evans, Whitehall
Karen Payne Farris, Columbus
Cynthia Lu Faulkner, Shiloah
Janet Louise Feldhaus, Reading
Deborah Sue Ferguson, Columbus
Karen Sue Finn, Elida
Helen Louise Fisher, Xenia
Lori Ann McElcanathan Flaglor, Mt. Gilead
Edith Geneve Fleming, Columbus
Evelyn Carol Ford, Mansfield
Cara Lisa Fortunato, Youngstown
Susen Lee Freeds, Glenfile, Pa.
Collene Susan Fritz, Zanesville
Barbara Marie Gibbons, Cincinnati
Susan Kay Gomard, Lima
Joni Lynn Goddard, Versailles
Carol Jane Haendigen, Parma Heights
June Hoan Hagan, Mansfield
Leslie Ann Hagy, Butler
Martha Elizabeth Harrell, Cortice
Rebecca Lynn Harrison, Cincinnati
James Preston Harrison, West Jefferson
Peggy Sue Hinton, Columbus
Tamar Dawn Hockenberger, Toledo
Richard Glenn Holliday, Westerville
Annette Howell, Columbus
Kathryn Jean Hulise, Lima
Charles Glenn Hunter, III, Newark, Del.
Loree B. Johnson, Washington C.H.
Debra Marie Jordan, Cleveland
Lukas Paul Karedis, Columbus
Margaret K. Kearns, Columbus
Shonette Lynne Kelley, Columbus
Ann Elizabeth Koch, Lima
Brigitte Kuelgen, Cleveland
Vikki Lou Lancia, Columbus
Ronald James Landis, Columbus
Daniel Joseph Lindsaly, Columbus
Kim Ellen Lippy, Columbus
Dawn Marie Logan, Zanesville
Karen Marie Lohr, Westerville
Sycamore
Mark Anthony Mangini, Columbus
Laurie Ann Marlburg, Columbus
Lauree Ann Marxburger, Columbus
Lauree Ann Marxburger, Columbus
N.J.
Craig Donald Marcus, Columbus
Barbara Jayne Mathews, Dayton
Mark Gus McKimmy, Columbus
Toni Lynn McLaran, Columbus
Tamara Jo McPherson, Columbus
Susan Marie Meyers, Columbus
Conrad
Eleanor Joan Mendell, Columbus
Catherine Helen Miller, Columbus
Charles Anthony Miller, II, Columbus
Myrna Leona Moore, Columbus
Carolyn Sue Myers, Newark
Susan Marie Nash, Kent
Gay Ann Nibert, London
Theresa Ann O'Connor, Worthington
Jocelyn Darlene Orbach, Gomher
Brenda Marcia Ostrow, Cincinnati
Becky Jean Peoples, Lexington
Susan Marie Persantini, Elida
Deborah Lee Port, Columbus
Amy Polis Frichard, Van Wert
Rosalyn Ann Quaranta, Columbus
John Andrew Reith, Shelby
James Edwin Ross, Sherwood
Danner Mahood Roog, Columbus
Bachelor of Science in Civil Engineering

Clive Newton DeVault, Columbus
Robert W. Everett, Columbus
J. Christopher Ey, Columbus
Robert McClure Foster, Centerville
James Philip Garrison, Skillman, N. J.
Dennis Patrick Hagan, Thornville
Jeffrey Michael Kelly, Burbank
Leonard George Kutney, Mansfield
Gregory Dennis Lewis, Columbus
David Brian Mackey, Groveport
Oliver Gregory McGregor, Columbus
Douglas Edgar Miller, Butler
Mark Alan Pardé, Columbus
Dale Reisinger, Vermilion
Dean Carter Ringle, Findlay
Amy Elizabeth Steiner, Dayton
Benjamin Joel Strick, Lorain
Stephen Edward Thomas, Waverly
Tevri Louise Thomas, Youngstown
Philip Draffen Wisdom, Mansfield
Pun Cheuk Yi, West Point, Hong Kong

Bachelor of Science in Computer and Information Science
Stuart Sheldon Bedoli, Lyndhurst
Daniel Joseph Cory, Worthington
Gary Lee Dayton, Delaware
David James Frea, Orient
Heidi Marie Hirzel, Northwood
Thomas Carl Kohls, Fort Jennings

Electrical Engineer

Joseph Michael DeKold, Kettering

Bachelor of Science in Mechanical Engineering

Moiz Baig, Galahna
Michael William Baker, Fairborn
Michael W. Belcher, Dayton
Lawrence Michael Berg, Dayton
Randal Lee Bergstedt, Liberty Center
Martin David Bever, Somerset
T. Frank Brown, Jr., Stockdale
Robert Joseph Button, Springfield
Russel Alllyn Davis, Odessa, Fla.
Steven Michael Doereman, Columbus
Ronald Antony Hatem, Columbus
Joseph John Kienle, Columbus
Margaret Mary Ladd, Middleburg Heights
Michael Patrick Lewis, Grove City
Che-Kuang Jeff Lin, Cerritos, Calif.
Timothy Francis Lipari, Akron
Martha Kim Michail, Columbus
Jeffrey Burton Oehmichen, Elyria
Dean Allen Rankey, Arlington
James N. Reinhold, Jr., Cincinnati
Mark Edward Rowland, Columbus
Ronald Charles Rubrecht, Cincinnati
Thomas Stone Sipher, Westerville
David Earl Slipp, Dayton
Steven Kenneth Smith, Columbus
Paul Hudson Stevens, Columbus
Charles DeWayne Walton, Columbus
James Alan Wilson, Franklin

Bachelor of Science in Metallurgical Engineering

David Myron Lineman, Columbus
Donald Scott MacKenzie, Nashville, Tenn.

Bachelor of Science in Welding Engineering

Arno Robert Bebernitz, Jr., Ontario, N. Y.
Steven Brent Houseman, Bainbridge
Joseph John Kwiatkowski, Toledo
Michael William Tocknell, Troy
School of Architecture

Bachelor of Science in Landscape Architecture
Ernest Raphael Buzenski, Columbus
Barry Thomas Gano, Salem
Robert Jay Marinko, Willoughby
Mary Elizabeth Murray, Middletown

College of Medicine

Acting Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Dennis Frank Bambach, Westlake
B.A. (Ohio Wesleyan)
Marian Patricia Droba, Warren
B.S.
Richard Kopolovic, Columbus
B.S. (Ohio University)
Joseph Thomas Kutsko, Youngstown
B.S.
Juanita Marie Murawski, Cuyahoga Falls
B.S.
Donald Lee Sharps, Cuyahoga Falls
B.A. (Case Western Reserve University)
David Samuel Weiland, Cincinnati
B.S. (Georgetown University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Pauline Elizabeth Allen, Columbus
Gerald Lee Davis, Shelby
Judith Anne Lilienthal, Cambridge
Sheryl Ann Ogden, South Charleston
Daniel William Poff, Lancaster
Christine Mary Redle, Akron
Linda Engeswick Sorg, Brookfield, Wis.
Linda Sue Sterling, Granville
Lina Fugh Zangmeister, Lima

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Kimberley Benton Bevan, Columbus
Valerie Beams Bookwalter, Fremont, Ind.
Timothy Charles Hammond, Alliance
James Robert Mariotti, Lowellville
Carol Ann Quattrone, Steubenville
James Rodney Schneider, Cincinnati
Joseph Anthony Talarico, Yorkville

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Jane Ann Asher, Wilmington

School of Nursing

Bachelor of Science in Nursing

Joyce Marie Bennett, Independence
Scott Jude Chandler, Columbus
Nancy Crerand, Columbus
Allen Gregory Dean, Columbus
Catherine Xareklea Gout, Tampa, Fla.
Jeannette Ann Gruszczek, Hanoverton
Kathleen Harper, Columbus
Laurie Ann Hixson, Girard
Erin Marie Kelleher, Alliance
Idamarie Kosmach, Latrobe, Pa.
Warren Stewart MacPherson, Columbus
Donna Steele McMillen, Columbus Grove
Mary Jo Modica, Lima
Danny Leonard Moranz, Cleveland
Karen Marie O'Hern, Cincinnati
Penny Anne Rall, Lakewood
Graduates with Honors

With Distinction in Animal Science
Laura Parks Kiser

With Distinction in Dairy Science
Charlsie Wagner Green

With Distinction in Fisheries Management
Christopher Edwin Woodruff

With Distinction in Natural Resources Development
Leonard Paul Black
Daniel Lee Edwards

With Honors in the Liberal Arts
Mitchell Craig Schneider

Cum Laude

Carol Steinbauer Adams
Pauline Morse Allen
David Eugene Barbee
Sherri L. Blank
William Connelly Brodegard
Cynthia Lee Butcher
Michael Fredrick Kier
Marjorie Lois Ewart
Evelyn Carol Fort
Douglas Gibson Gardner
Annette Marie Giere
Timothy Charles Hammond
Norman Eric Hanson
Bruce Alan Hartseough
Peggy Sue Hinton
Tamra Dawn Hockenberger
Daniel Lane Hood
Jeffrey Lee Horn
Victoria Lynn Howell
Danel John Hueko
Bonnie Ray Jones
Michael Anthony Kuharik
Carol Lee Matson
Joseph Stephen McCann
Mary Jo Modica
Susan Marie Nash
Guilermo F. Paganini
Penny Anne Rall
Paula Jo Rossler
Calvin Kenneth Taylor
Elisabeth C. von Carlowitz
Tami Ren Vordenberg
Jill Shirley Walker
Nancy Ellen Weisenbach
Susan Beth Welch
Carmelina Whitman
Douglas Brian Wileman
Lee Scott Zehentbauer

Cum Laude with Distinction in Agricultural Economics
Steven Arthur Neff

Cum Laude with Distinction in Environmental Education
Cheryl Ann Arnold

Cum Laude with Distinction in Horticulture
Estelle Marie MacInnis

Cum Laude with Distinction in Wildlife Management
Stuart Mason Helmintoller

Summa Cum Laude

Cora Ann Baddorf
Robert Christopher Ball
Barbara Jo Ballinger
T. Frank Brown, Jr.
Anne Marie Bunstine
Judell Lee Butler
Elisabeth Ann Curry
Kathleen Harper
Michael J. Hulse
Michael Lee Incore
Matthew C. Johnson
David Myron Lineman
Jacquelyn Darlene Orebaugh
Bradley David Phillips
Mark Pakita
Max Kenneth Stotz
Suellen Kay Higgins Whiteside
Carol Ellen Wood

Summa Cum Laude with Distinction in Horticulture
Vickie Darlene Hundley
THE OHIO STATE UNIVERSITY

OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND SIXTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Marion, Ohio, April 3, 1981

The Board of Trustees met at its regular monthly meeting on Friday, April 3, 1981, at Morrill Hall, The Ohio State University Marion Campus, Marion, Ohio, pursuant to adjournment.


* * *

Minutes of the last meeting were approved.

* * *
INTRODUCTORY COMMENTS BY PRESIDENT ENARSON

Mr. Chairman and Members of the Board, before I move into the formal agenda, I would like to say on behalf of our staff members who are here today and the faculty and staff that are not here today, and on behalf of the Board, how much we appreciate being here on the Marion Campus. This is an integral part of The Ohio State University. I think these annual visits to one of the regional campuses are extremely important, not only in the substantive terms—in terms of what we learn—but also in symbolic terms. I wish it were possible to come back—for the Board and the Administration to come back more often, but you must remember that this large house has many rooms in it, of which Marion is one.

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RESOLUTIONS IN MEMORIAM

Resolution No. 81-95

Synopsis: Resolutions honoring the service of three of this 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.

Samuel P. Daykin

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1981, of Samuel P. Daykin, Associate Professor Emeritus of the College of Social Work.

Mr. Daykin was born May 8, 1911, in Taylorville, Illinois. He graduated from Taylorville Township High School in June 1928, from the University of Illinois in 1932 with a Bachelor of Arts degree in sociology, and from Washington University with a Master of Social Work degree in 1950. In 1956 he earned a Doctorate in Social Work from the same institution. He began his career with The Ohio State University in 1961 as an Associate Professor in the College of Social Work where he continued to serve until retirement in 1977.

Dr. Daykin's services at The Ohio State University were preceded by a distinguished career in the armed services. Retiring from the services as a Lieutenant Colonel, Dr. Daykin distinguished himself by meritorious service as Chief of Professional Services, 3320th Retraining Group, Amarillo Technical Training Center, Amarillo Air Force Base, Texas, from August 19, 1958 to September 15, 1960. He was cited for having "... imparted incomparable skill and professional training in the fields of social therapy, psychology and research and analysis. His exemplary devotion to duty enabled him to train and develop many inexperienced and untrained military and civilian personnel during his stay with the Retraining Group."

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RESOLUTIONS IN MEMORIAM (contd)

Samuel P. Daykin (contd)

As a member of the College of Social Work faculty, Professor Daykin devoted his research and teaching to the concerns of troubled youth and the cause and prevention of juvenile delinquency. He was one of the founders of the East Central Citizens Organization in Columbus. He was one of the first board members of Buckeye Boys' Ranch, and an honorary board member of SOS Children's Village, Inc., an international organization dedicated to helping orphans.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Daykin 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. Daykin as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

James C. Harris

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 28, 1981, of James C. Harris, Associate Professor, Department of Physics.

Professor Harris received his Ph.D. degree from Rice Institute together with the Wilson Award for outstanding research, in 1948. He then pursued postdoctoral studies in nuclear physics and chemistry at the College de France, before joining the faculty of The Ohio State University Department of Physics in 1950.

Professor Harris contributed to the early development of a strong nuclear physics research group at the University, and undergraduates and graduate students alike profited from his teaching.

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.

Ruth Townsend Lehman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 20, 1981, of Ruth Townsend Lehman, Professor Emeritus, Department of Home Economics Education in the School of Home Economics.

Dr. Lehman was born in Lenox, Iowa, on April 20, 1895. She received an A.B. degree in home economics from the University of Illinois at Urbana in 1918, the M.A. degree in home economics education in 1923, and the Ph.D. degree in education in 1945, both from the University of Chicago.
April 3, 1981 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ruth Townsend Lehman (contd)

Dr. Lehman taught home economics in high school at Waterman, Illinois, and junior high at Elkhart, Indiana, from 1918-1919. She was an Instructor at Simmons College, Boston, Massachusetts, from 1919-1922 and then taught foods and home economics education at the University of Chicago from 1923-1928. In 1928, she was an Assistant Professor in home economics education in conjunction with the State Department of Vocational Education at the University of Arizona and was promoted to Associate Professor in 1930. She then accepted a position as Professor and Head of the Department of Home Economics at North Texas State Teachers College, Denton, Texas, from 1932-1937.

Dr. Lehman came to The Ohio State University on September 22, 1937 as an Associate Professor in home economics education and was promoted to Professor in 1946, having served 28 years until her retirement June 30, 1965. She had served as Chairman of the Graduate Committee in the School as well as various state and national committees of the American and Ohio Home Economics Associations and American Vocational Association. Her articles appeared in the Journal of Home Economics, The School Review, and Review of Educational Research.

Dr. Lehman was awarded the Ellen H. Richards Fellowship for 1936-1937 by the American Home Economics Association and the University of Chicago Fellowship in 1922-1923. She was a member of Omicron Nu, Pi Lambda Theta, and Kappa Delta Pi.

She was an effective researcher and teacher and nationally known as an able person in the field of evaluation. She was an inspirational leader and made a major contribution to group thinking as well as individual development. She was creative, challenging, and demanded high academic standards of herself and her students.

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 a humble expression of the Board's heartfelt sympathy in its bereavement.

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COLLEGE OF LAW - CHANGE IN ADMISSION POLICY
Resolution No. 81-96

Synopsis: Change in admission policy for College of Law is being proposed.

WHEREAS this Board at its June 1976 meeting adopted a policy providing "that all graduate professional programs require an interview as part of the admission process"; and

WHEREAS the College of Law has found this requirement to be costly to the College and to applicants who must travel to Columbus to be interviewed; and
April 3, 1981 meeting, Board of Trustees

COLLEGE OF LAW - CHANGE IN ADMISSION POLICY (contd)

WHEREAS the College of Law believes that it can identify those situations in which an interview would be useful; and

WHEREAS the College of Law has requested that the policy as it applies to that College be modified:

NOW THEREFORE

BE IT RESOLVED, That it shall be the policy of the College of Law (1) to conduct an on-site interview with any applicant who requests it; (2) to conduct an on-site interview with any applicant for whom the Admissions Committee of the College believes that the interview might elicit significant information.

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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AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 81-97

Synopsis: Changes in Bylaws of the Board of Trustees and Rules of the University Faculty are proposed.

WHEREAS the Vice President for Health Sciences has made recommendations regarding the operation and organization of the health sciences area, including the addition of new rules and amendments to existing rules in order to incorporate references to the health sciences area within the Bylaws of the Board of Trustees and Rules of the University Faculty; and

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President, the rules as enumerated below with suggested amendments are:

3335-1-03 Administration of the university.

Paragraph (L) reflects changes in the areas of responsibility of the vice president for health sciences, paragraph (S) gives the vice president for health sciences representation on the council of deans, and paragraph (V) reflects new rule establishing health sciences council.

3335-3-12 Vice president for health sciences.

Paragraph (B) reflects changes in the areas of responsibility for the vice president for health sciences.
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-3-22 Council of deans.

Paragraph (A) gives the vice president for health sciences representation on the council of deans.

3335-3-29 Deans of the colleges.

Paragraph (B) (4) requires the deans of the colleges of the health sciences to make recommendations to the vice president for health sciences for matters within his jurisdiction concerning budget, appointment, and promotion to accomplish appropriate coordination.

3335-5-481 Health sciences council.

New rule to establish health sciences council.

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 by the Board of Trustees for inclusion in the next publication of this document.

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

BYLAW

3335-1-03 Administration of the university.

(L) Vice president for health sciences. The major area of responsibility and authority of the vice president for health sciences shall be that of the health sciences at the university. Without limiting the generality of the foregoing, the vice president for health sciences 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 administration of: the colleges of dentistry, medicine, optometry, pharmacy, and veterinary medicine, and their clinics, schools, and hospitals, including such other supporting services and facilities as the health sciences library; laboratory research; animal program; comprehensive cancer center; radiation safety; health sciences audio-visual and TV center; mental retardation center; center for continuing health sciences education; agreements and cooperative arrangements with various regional and governmental hospitals, and such other health sciences programs as may be established. The vice president for health sciences will coordinate academic programs and appointments with the office of the provost and nonacademic budgets and personnel matters with the offices of the vice presidents for personnel services and finance and planning.
April 3, 1981 meeting, Board of Trustees

AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

BYLAW (contd)

(S) Council of deans.

(1) The president of the university, the provost, the vice president for health sciences, the deans of the colleges, the associate provost for instruction, the vice provost for research and dean of the graduate school, and the vice provost for arts and sciences shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.

(2) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president.

(V) Health sciences council.

(1) The vice president for the health sciences, the dean of the college of dentistry, the dean of the college of medicine, the dean of the college of optometry, the dean of the college of pharmacy, the dean of the college of veterinary medicine, the director of the school of allied medical professions, the director of the school of nursing, the director of university hospitals, and such other members from the health sciences as the vice president for health sciences may select from time to time shall comprise the health sciences council. The provost shall be a member, ex officio. The vice president for health sciences shall be chairman of the council and will designate a vice chairman and secretary.

(2) The health sciences council shall meet at the call of the chairman. The health sciences council shall serve as an advisory body to the vice president for health sciences.

RULES

3335-3-12 Vice president for health sciences.*

(A) The vice president for health sciences shall be the executive head of the office of health sciences.

(B) The major area of responsibility and authority of the vice president for health sciences shall be that of the health sciences at the university. Without limiting the generality of the foregoing, the vice president for health sciences shall, under the direction of the president and with the approval of the board of trustees, be

*Rule initiated by board of trustees.
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

RULES (contd)

responsible and have the requisite authority for the administration of: the colleges of dentistry, medicine, optometry, pharmacy, and veterinary medicine, and their clinics, schools, and hospitals, including such other supporting services and facilities as the health sciences library; laboratory research animal program; comprehensive cancer center; radiation safety; health sciences audio-visual and TV center; mental retardation center; center for continuing health sciences education; agreements and cooperative arrangements with various regional and governmental hospitals, and such other health sciences programs as may be established. The vice president for health sciences will coordinate academic programs and appointments with the office of the provost and nonacademic budgets and personnel matters with the offices of the vice presidents for personnel services and finance and planning.

(C) The principal administrative officials in the office of health sciences shall be the deans of dentistry, medicine, optometry, pharmacy, and veterinary medicine; the chief administrators of university hospitals and the veterinary hospital; associate vice president and/or assistant vice presidents; and such other associates as may be authorized from time to time. (B/T 7/12/74, B/T 4/6/79, B/T 11/7/80, B/T 4/3/81)

3335-3-22 Council of deans.*

(A) The president of the university, the provost, the vice president for health sciences, the deans of the colleges, the associate provost for instruction, the vice provost for research and dean of the graduate school, and the vice provost for arts and sciences shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.

(B) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president. (B/T 10/5/73, B/T 2/2/79, B/T 4/3/81)

3335-3-29 Deans of the colleges.*

(B) The major responsibility of the dean of each college shall be that of providing active leadership in the promotion, direction and support of educational and research activities of the university, in the maintenance of a high level of morale among the faculty, and in the encouragement of the spirit of learning among the students. In addition he shall have general administrative responsibility for the program of the college, subject to the approval of the president and the board of trustees. These administrative responsibilities shall include the duty:

*Rule initiated by board of trustees.
April 3, 1981 meeting, Board of Trustees

AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

RULES (contd)

(4) After consultation with the chairmen of the departments and the directors of the schools within the college to make recommendations to the provost concerning the college budget, the appointments to and promotions within the staff and the membership of the college faculty. Whenever his recommendations involve the appointment or promotion in rank of faculty members offering graduate work or acting as advisers to graduate students, the dean of a college shall consult with the vice provost for research and dean of the graduate school (see paragraph (B) of rule 3335-3-31 of the Administrative Code). All recommendations by the deans of the colleges of the health sciences will be made to the vice president for health sciences who will accomplish the appropriate coordination.

3335-5-481 Health sciences council.*

(A) The vice president for the health sciences, the dean of the college of dentistry, the dean of the college of medicine, the dean of the college of optometry, the dean of the college of pharmacy, the dean of the college of veterinary medicine, the director of the school of allied medical professions, the director of the school of nursing, the director of university hospitals, and such other members from the health sciences as the vice president for health sciences may select from time to time shall comprise the health sciences council. The provost shall be a member, ex officio. The vice president for health sciences shall be chairman of the council and will designate a vice chairman and secretary.

(B) The health sciences council shall meet at the call of the chairman. The health sciences council shall serve as an advisory body to the vice president for health sciences. (B/T 4/3/81)

* Rule initiated by board of trustees.

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UNIVERSITY HOSPITALS BOARD

Resolution No. 81-98

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
April 3, 1981 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD (contd)

WHEREAS it was stipulated that "The Hospitals Board shall be comprised of three 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 present terms of four members selected from the general public and the terms of the three members from the University Board of Trustees expire on April 30, 1981:

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, 1981:

Robert M. Duncan
Josephine S. Failer
Morris S. Rosenblum, M.D.
Wilbur W. Jones

and

BE IT FURTHER RESOLVED, That the following three members of the University Board of Trustees be confirmed for membership on the University Hospitals Board for the term, May 1, 1981 through April 30, 1982:

Daniel M. Galbreath
D. James Hilliker
Edmund C. Redman

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

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PERSONNEL ACTIONS
Resolution No. 81-99

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Reappointment of Chairmen of Departments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 6, 1981 meeting of the Board, including the following Reappointment of Chairmen of Departments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget, be approved.
April 3, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairmen of Departments
July 1, 1981 through June 30, 1985

<table>
<thead>
<tr>
<th>Zoology</th>
<th>John Crites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poultry Science</td>
<td>Edward C. Naber</td>
</tr>
</tbody>
</table>

Leaves of Absence Without Salary

D. LYNN FORSTER, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective September 1, 1981 through December 31, 1981, to work at the Forster Farms, Inc., in Indiana.

MARY A. MCILROY, Assistant Professor, Department of Pediatrics, effective February 1, 1981 through March 31, 1981, for personal reasons.

ANN ELIZABETH SMITH, Instructor, University Libraries, effective April 15, 1981 through September 15, 1981, for personal reasons.

Professional Improvement Leaves

VERA J. BLAINE, Professor, Department of Dance, effective Spring Quarter 1982.


ALLAN M. BURKMAN, Professor, College of Pharmacy (Division of Pharmacology), effective Autumn Quarter 1981, Winter Quarter 1982, Spring Quarter 1982, and Summer Quarter 1982.


PETER COSTANZA, Professor, School of Music, effective Winter Quarter 1982.

SIMON DINITZ, Professor, Department of Sociology, effective Winter Quarter 1982 and Spring Quarter 1982.

DAVID O. EDWARDS, Professor, Department of Physics, effective Winter Quarter 1982 and Spring Quarter 1982.

JAMES C. GARLAND, Professor, Department of Physics, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

ALFRED S. GOLDING, Professor, Department of Theatre, effective Winter Quarter 1982.

E. F. HEBNER, Professor, Department of Art, effective Winter Quarter 1982.
April 3, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

ROSCOE C. HINKLE, Professor, Department of Sociology, effective Winter Quarter 1982 and Spring Quarter 1982.


JULIUS P. KREIER, Professor, Department of Microbiology, effective Summer Quarter 1981.


KENNETH MARANTZ, Professor and Chairman, Department of Art Education, effective Autumn Quarter 1981 and Winter Quarter 1982.


RICHARD L. RUDY, Professor, Department of Veterinary Clinical Sciences, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

H. YUAN TIEN, Professor, Department of Sociology, effective Autumn Quarter 1981 and Winter Quarter 1982.


GORDON WILSON, Professor, School of Music, effective Spring Quarter 1982.

ODETTE BLUM, Associate Professor, Department of Dance, effective Winter Quarter 1982.

KATHERINE H. BURKMAN, Associate Professor, Department of English, effective Winter Quarter 1982 and Spring Quarter 1982.

DANIEL Z. CZAMANSKI, Associate Professor, Department of City and Regional Planning, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

RICHARD L. MCCREERY, Associate Professor, Department of Chemistry, effective Summer Quarter 1981 and Autumn Quarter 1981.

April 3, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)


LARRY SHINEMAN, Associate Professor, Department of Art, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.


Emeritus Titles

ROBERT P. HOLDSWORTH, JR., Department of Entomology, with the title Professor Emeritus, effective April 1, 1981.

FRED A. ZIMMER, Department of Industrial Design, with the title Professor Emeritus, effective July 1, 1981.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-100

Synopsis: The reports on contracts, grants, and gifts and the summary for February 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 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 agreements 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 1981, be approved.

Upon motion of Mr. Galbreath, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
April 3, 1981 meeting, Board of Trustees

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

SUMMARY FOR FEBRUARY 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>76</td>
<td>$10,138,652.40</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>26</td>
<td>295,628.00</td>
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<tr>
<td></td>
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<td>$10,434,280.40</td>
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</table>

The Ohio State University Development Fund

Establishment of Named Funds

College of Dentistry Advancement Endowment Fund  
(College of Dentistry) $ 113,558.00

The Sara Jane Pyne Memorial Scholarship Fund in the Visual Arts  
(Departments of Art, Art Education, History of Art, or Industrial Design) $ 100,000.00

The Charles W. Durfey Memorial Scholarship Fund in Journalism  
(School of Journalism) $ 6,762.00

Intercollegiate Livestock Evaluation Team Endowment Fund  
(Department of Animal Science) $ 5,000.00

Medina County Scholarship Fund  
(Undergraduate students from Medina County) $ 4,572.72

Report from Presidents Club

Members to date 4,459
1981: year to date 23
New members - February 1981 6

New Presidents Club Members - February 1981

Michael R. Becker  
Robert L. Karlberger  
Robert W. Miller  
Jeffrey P. O’Connor  
Robert E. Schaefer  
Kathleen Maher Zouhary
Federal Research Contracts/Grants


$472,787.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective Bioassay for Environmental Agents Procuring DNA Damage, Department of Veterinary Pathobiology (A. Koestner), Department of Radiology (A. K. Freimanis), and Departments of Radiology and Pharmacology (S. M. D'Ambrosio), 26 December 1980 through 25 December 1981. (Project 761447 · Continuation)

$117,314.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Departments of Physiological Chemistry and Veterinary Pathobiology (G. E. Milo), 1 January 1981 through 31 December 1981. (Project 761756 · Continuation)

$111,372.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Development and Use of Anucleated Bacterial Cells to Assay the In Vivo Activity of Pollutants, Department of Microbiology (J. N. Reeve), 1 April 1981 through 31 March 1982. (Project 762592 · New)

$110,253.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Cocarcinogenesis in the Rat: Gene Activation, Department of Microbiology (P. C. Kimball), 1 February 1981 through 31 January 1982. (Project 762573 · New)

$99,800.00 - Argonne National Laboratory, Argonne, Illinois, Development of Extended Capabilities for Computer Simulation for Landfill Methane Recovery, Department of Civil Engineering (C. A. Moore), 19 January 1981 through 30 September 1981. (Project 762542 · Continuation)

$92,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1981 through 31 March 1982. (Project 761582 · Continuation)

$87,809.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Characterization of the Chemical Constitution and Profile of Pharmacological Activity of PGB_X, College of Pharmacy (R. W. Doskotch, A. M. Burkman, and D. D. Miller), 1 January 1981 through 31 December 1981. (Project 761474 · Continuation)
April 3, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Principal Investigator</th>
<th>Start Date</th>
<th>End Date</th>
<th>Project No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$81,000.00</td>
<td>Department of Education, Office of Special Education, Office of Procurement and Assistance Management, Washington, D. C., Handicapped Pre-Service Personnel Preparation, School of Health, Physical Education, and Recreation (W. F. Ersing), 1 June 1981 through 31 May 1982. (Project 762175 - Continuation)</td>
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<td>$78,819.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Identification of Essential Genes for HSV DNA Synthesis, Department of Medical Microbiology and Immunology (D. S. Parris), 1 March 1981 through 28 February 1982. (Project 762587 - New)</td>
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<td>$69,484.00</td>
<td>Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Amphetamine: Effects on Muscle Contraction and Endurance, College of Pharmacy (M. C. Gerald), 1 February 1981 through 31 January 1982. (Project 764488 - Continuation)</td>
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<tr>
<td>$63,000.00</td>
<td>Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Development and Optimization of Methodologies for Analysis of Complex Hydrocarbon Mixtures, Department of Chemistry (R. J. Laub), 1 January 1981 through 31 December 1981. (Project 761982 - Continuation)</td>
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<td>$62,199.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Preleukemic Aplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 January 1981 through 31 December 1981. (Project 761704 - Continuation)</td>
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<td>$61,999.00</td>
<td>National Science Foundation, Washington, D. C., Verification of Constitutive Relations for Silage Through Full-Scale Silo Measurements, Department of Civil Engineering (A. G. Bishara), 1 December 1980 through 30 November 1981. (Project 761960 - Continuation)</td>
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April 3, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$60,581.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1980 through 30 November 1981. (Project 760022 - Continuation)

$60,000.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 1 March 1981 through 28 February 1982. (Project 762023 - Continuation)

$59,459.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Experimentally Induced Mucoid Enteritis, Department of Veterinary Preventive Medicine (S. Targowski), 1 March 1981 through 28 February 1982. (Project 762041 - Continuation)

$59,000.00 - National Science Foundation, Washington, D. C., Chemistry and Spectroscopy of High Energy Intermediates, Department of Chemistry (M. S. Platz), 1 June 1981 through 30 November 1981. (Project 761654 - Continuation)

$58,586.00 - National Endowment for the Humanities, Washington, D. C., American Folklife and Literature, Department of English (P. B. Mullen), 1 January 1981 through 31 December 1981. (Project 762528 - New)

$49,000.00 - National Science Foundation, Washington, D. C., Spectroscopic Studies of Active Galaxies and Quasi-Stellar Objects, Department of Astronomy (B. M. Peterson and C. B. Foltz), 1 January 1981 through 31 December 1981. (Project 762574 - New)

$47,836.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Immunologic Aspects of Legionellosis, Department of Medicine (J. F. Plouffe), 1 February 1981 through 31 January 1982. (Project 762577 - New)


$42,277.00 - National Science Foundation, Washington, D. C., Student Science Training Program, Department of Mathematics (T. G. Ralley), 15 January 1981 through 31 August 1982. (Project 762571 - Continuation)
Federal Research Contracts/Grants (contd)

$40,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Utilization of Range and Range-Difference Observations in Geodynamics, Department of Geodetic Science (I. I. Mueller), 19 April 1981 through 18 April 1982. (Project 761882 - Continuation)


$39,228.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Improvement of Knowledge Regarding the Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science (R. H. Rapp), 1 March 1981 through 28 February 1982. (Project 760056 - Continuation)

$38,680.00 - National Science Foundation, Washington, D. C., Diffractive Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 March 1981 through 28 February 1982. (Project 761560 - Continuation)

$37,421.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simulator, Department of Mechanical Engineering (D. A. Guenther), 10 February 1981 through 30 September 1981. (Project 762594 - New)

$33,677.00 - Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Muskingum River Basin Survey, Ohio Biological Survey (C. C. King) and Department of Zoology (D. H. Stansbery and T. M. Cavender), 12 February 1981 through 30 June 1981. (Project 762582 - New)

$33,158.00 - National Science Foundation, Washington, D. C., Late Cretaceous and Early Tertiary Biogeography of the Southern Circum-Pacific, Institute of Polar Studies (D. H. Elliot and W. J. Zinsmeister), 1 August 1981 through 30 June 1982. (Project 762348 - Continuation)

$32,000.00 - Department of Education, Office of Procurement and Assistance Management, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation (V. Cotter), 1 June 1981 through 31 May 1982. (Project 762209 - Continuation)

$30,000.00 - National Science Foundation, Washington, D. C., Test of Conflicting Hypotheses on the Cenozoic Glaciation of the Transantarctic Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 August 1981 through 30 June 1982. (Project 762369 - Continuation)
April 3, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$19,987.00 - National Science Foundation, Washington, D. C., Genesis of Mineralization Associated with Andean Intrusions, Northern Antarctic Peninsula Region, Institute of Polar Studies and Department of Geology and Mineralogy (D. E. Pride), 1 October 1981 through 30 September 1982. (Project 761769 - Continuation)

$19,611.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development in Science, Department of Mathematics (J. R. Leitzel), 6 February 1981 through 31 January 1982. (Project 762586 - New)

$18,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Comparison of Models Simulating Occupant Response in Airbags, Department of Mechanical Engineering (J. A. Charles), 1 March 1981 through 31 December 1981. (Project 762595 - New)

$17,272.00 - National Science Foundation, Washington, D. C., Geometry of Nuclear Spaces, Department of Mathematics (B. Mityagin) 1 July 1981 through 30 June 1982. (Project 762079 - Continuation)

$9,999.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Optical Information for Egomotion: Parameters for Psychophysical Investigation, Department of Psychology (D. Owen and R. Warren), 1 March 1981 through 30 November 1981. (Project 762591 - New)


$8,782.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Polarstar Formation, Ellsworth Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (J. W. Collinson), 1 August 1981 through 30 June 1982. (Project 761770 - Continuation)

$7,883.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. C. Stiefel), 1 July 1980 through 30 June 1981. (Project 762280 - Continuation)
Federal Research Contracts/Grants (contd)

$7,128.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on the In Vivo Growth of Staphylococci, Department of Medical Microbiology and Immunology (F. A. Kapral), 1 February 1981 through 31 May 1981. (Project 762330 - Continuation)


$6,000.00 - Federal Laboratories Consortium, Naval Weapons Center, China Lake, California, Technological Resources Applied to Commercial Enterprises (TRACE), Graduate School - Administration, Program for Energy Research, Education, and Public Service (R. E. Bailey), 17 December 1980 through 31 July 1981. (Project 762568 - New)

$5,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Cooperative Program (FY 81), Engineering Experiment Station, Water Resources Center (R. C. Stiefel), Department of Zoology (D. A. Culver) and Department of Chemical Engineering (L. S. Fan), 1 October 1980 through 30 September 1981. (Project 762387 - Continuation)

$3,000.00 - Sandia Laboratories, Albuquerque, New Mexico, Stress and Failure Evaluations Associated with Selected Coal Mine Pillar-Panel Configurations, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 20 February 1981 through 31 December 1981. (Project 762590 - Continuation)

$1,988.00 - Department of the Interior, Geological Survey, Denver, Colorado, Pollen Stratigraphy and Treeline Fluctuations, Lake Emma, San Juan Mountains, Colorado, Institute of Polar Studies and Department of Zoology (P. A. Colinvaux) and Institute of Polar Studies (W. A. Mode), 1 October 1980 through 31 October 1980. (Project 762596 - New)

$225.40 - National Science Foundation, Washington, D. C., Science Faculty Professional Development Program, School of Natural Resources (R. E. Roth), 5 January 1981 through 30 June 1981. (Project 762585 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $8,095,746.40
April 3, 1981 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)

$34,979.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities Planning Council, Columbus, Ohio, Deinstitutionalization Task Force, Nisonger Center for Mental Retardation (H. Leland), 1 February 1981 through 30 September 1981. (Project 762593 - New)

$20,000.00 - Ohio Advisory Council for Vocational Education, Columbus, Ohio, Exemplary Program Policies and Practices for Adult Vocational Education, Department of Agricultural Education (L. E. Miller and L. Hedges), 1 February 1981 through 1 November 1981. (Project 762572 - New)

$528.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Physical Medicine (R. Weber), 6 February 1981 through 30 June 1981. (Project 762262 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $55,507.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$445,480.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Monitoring Public Health and Animal Health on Farms Receiving Sludge, Department of Veterinary Preventive Medicine (C. R. Dorn), 1 October 1980 through 30 September 1982. (Project 760949 - Continuation)

$365,421.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Sludge Disposal on Farm Lands: An Epidemiologic Evaluation of the Risk of Infection, Department of Medical Microbiology and Immunology (V. V. Hamparian and A. C. Ottolenghi), 1 October 1981 through 30 September 1982. (Project 760953 - Continuation)

$316,862.00 - 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 October 1980 through 30 September 1981. (Project 761731 - Continuation)

$262,028.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1981 through 31 December 1982. (Project 762578 - Continuation)

$125,000.00 - Control Data Corporation, Minneapolis, Minnesota, Analysis of Emerging Electronics - Related Occupations and Potential for CDC Program Development, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1981 through 31 December 1981. (Project 762561 - New)
April 3, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (J. R. Bianchine), 1 October 1980 through 30 September 1981. (Project 760484 - Continuation)


$45,000.00 - Iowa State University - Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 October 1980 through 30 September 1981. (Project 762511 - New)

$43,000.00 - Iowa State University - Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Elastic Wave Scattering by Flaws for Application in NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 October 1980 through 30 September 1981. (Project 762502 - New)

$30,000.00 - Rockwell International, North American Aircraft Division, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 26 January 1981 through 1 April 1981. (Project 762563 - New)

$29,937.00 - OCLC, Inc., Columbus, Ohio, Terminal Requirements for On-Line Catalogs in Libraries, University Libraries (W. J. Studer), 1 October 1980 through 30 November 1981. (Project 762570 - New)


$24,350.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Medicine (J. R. Mendell), 1 November 1980 through 30 June 1981. (Project 761360 - Continuation)

$20,875.00 - Materials Technology Institute, Columbus, Ohio, Development of Controlled Hydrodynamic Techniques for Corrosion Testing, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1981 through 31 December 1981. (Project 762062 - Continuation)
<table>
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<tr>
<th>Project Number</th>
<th>Amount</th>
<th>Description</th>
<th>Principal Investigator</th>
<th>Start Date - End Date</th>
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<tr>
<td>762580</td>
<td>$12,385.00</td>
<td>General Dynamics Corporation, Electric Boat Division, Groton, Connecticut, SSBN Subsystem Technology, Department of Mechanical Engineering</td>
<td>C. F. Sepsy</td>
<td>1 February 1981 - 31 March 1981</td>
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<td>762600</td>
<td>$12,000.00</td>
<td>American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiologic Effects of Caffeine, Department of Medicine</td>
<td>S. F. Schaal and R. M. Greenberg</td>
<td>1 July 1981 - 30 June 1982</td>
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<td>761059</td>
<td>$4,973.00</td>
<td>National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Proposal, National Center for Research in Vocational Education</td>
<td>R. E. Taylor</td>
<td>1 July 1979 - 30 June 1980</td>
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<td>762454</td>
<td>$3,564.00</td>
<td>General Electric Foundation, Fairfield, Connecticut, Educators in Industry Workshop, Academic Faculty of Special Services</td>
<td>J. V. Wigtil</td>
<td>1 October 1980 - 30 September 1981</td>
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<td>762575</td>
<td>$1,987.00</td>
<td>The Greater Cleveland Growth Association, Cleveland, Ohio, Lake Erie as an Industrial and Commercial Resource to the Greater Cleveland Area, Center for Lake Erie Area Research</td>
<td>J. M. Reutter</td>
<td>1 February 1981 - 15 March 1981</td>
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<td>761599</td>
<td>$1,000.00</td>
<td>Bergen Community College, Paramus, New Jersey, National Alliance for Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education</td>
<td>R. E. Taylor</td>
<td>1 July 1980 - 30 June 1981</td>
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April 3, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,987,399.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$125,041.00 - The Gas Research Institute, Chicago, Illinois, Location of Buried Pipe/Development of an Improved Terrascan Unit, Department of Electrical Engineering, ElectroScience Laboratory, January 26, 1981 through January 26, 1982. (EES 623/529623)


$25,000.00 - Gulf Research and Development, Pittsburgh, Pennsylvania, Stress Response Associated with Underground Coal Gasification, Department of Engineering Mechanics, March 1, 1981 through April 1, 1982. (EES 624/529624)

$44,128.00 - various sponsors for 23 development projects under the direction of seven departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $ 295,628.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$114,000.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware--$20,000.00 for duPont Young Faculty Grant--Chemistry; $20,000.00 for duPont Fund for Mechanical Engineering; $14,000.00 for duPont Fund for Research in Chemistry; $12,500.00 for duPont Occupational and Environmental Health Grant; $12,000.00 for duPont Fund for Research in Chemical Engineering; $12,000.00 for Affirmative Action Program in Engineering Fund; $10,000.00 for duPont Young Faculty Grant; $8,000.00 for Endowed Professorship in Plant Protection; $4,000.00 for duPont Fund for Research in Electrical Engineering; and $3,500.00 for duPont Business Grant.
April 3, 1981 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)

$50,000.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Clinical Pharmacology Fund.

$50,000.00 - The Kiplinger Foundation, Inc., Washington, D. C., for Willard M. Kiplinger Chair in Public Affairs Reporting.

$44,930.00 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

$36,875.79 - Estate Under the Will of Lela B. Hardy, Los Angeles, California, for Society of Alumni and Friends of the School of Music Scholarship Fund.

$36,110.00 - Pfizer, Inc., Groton, Connecticut--$27,353.00 for Clinical Pharmacology Fund; $5,000.00 for Pfizer Research Fellowship; and $3,757.00 for Infectious Disease Research Fund.

$30,000.00 - PPG Industries Foundation, Barberton, Ohio--$20,000.00 for Capital Campaign--Chemical Engineering Fund and $10,000.00 for Advanced Design Methods Laboratory--Mechanical Engineering.

$21,737.53 - University Eye Surgeons, Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

$16,476.25 - Eastman Kodak Company, Rochester, New York--$10,000.00 for Eastman Kodak Company Fund in Chemistry; $3,026.25 for Kodak Scholars Program in Engineering Fund; $1,050.00 for Electrical Engineering Chairman's Discretionary Fund; $900.00 for Department of Chemical Engineering Support Fund; $600.00 for The ISE Advancement Fund; $600.00 for I. G. Brenner Fund for Engineering; and $300.00 for Department of Computer and Information Science Chairman's Discretionary Fund.

$15,000.00 - The Merck Company Foundation, Rahway, New Jersey--$10,000.00 for Medicine--Clinical Pharmacology Fund and $5,000.00 for Animal Science Special Fund.

$14,950.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$12,815.19 - Estate Under the Will of Martha Ann Guinther, Marion, Ohio, for Dr. Bouroncle's Blood Research Fund.

$10,180.33 - Phi Delta Kappa, Bloomington, Indiana, for Phi Delta Kappa Fund.
April 3, 1981 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 - A. H. Robins Company, Inc., Richmond, Virginia, for Menopausal Patient Follow-up Project.

$7,988.00 - American Cyanamid Company, Pearl River, New York, for Gastrointestinal Cancer Research Fund.

$7,793.42 - Systems Associates, Inc., Columbus, Ohio (given in the name of Robert H. Herbst), for Cardiology Support Fund.

$7,097.00 - American Hoechst Corporation, Somerville, New Jersey, for Infectious Disease Research Fund.

$7,000.00 - Abbott Laboratories, North Chicago, Illinois, for Laboratory of Work Physiology.

$6,323.14 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$6,000.00 - Rockwell International, Troy, Michigan, for Gear Dynamics and Gear Noise Research Laboratory Fund.

$5,100.00 - American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation for Pharmaceutical Education Fellowship Fund.

$5,000.00 - Conoco, Inc., Ponca City, Oklahoma, for M. S. Newman Professorship of Chemistry.

$5,000.00 - Harris Foundation, Melbourne, Florida, for Electrical Engineering Chairman's Discretionary Fund.

$5,000.00 - Hauck Manufacturing Company, Lebanon, Pennsylvania, for Mechanical Engineering Coal Combustion Laboratory Fund.

$5,000.00 - Ohio Quarter Horse Association, Richwood, Ohio, for Ohio Quarter Horse Finley Farm Building Project.

$5,000.00 - Ohio State University Alumni Association, Columbus, Ohio, for Frank J. Tate Scholarship in Journalism.

Gift-in-Kind

$6,500.00 - Ryan Stormscope, Columbus, Ohio, Ryan Stormscope equipment and installation.
April 3, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

College of Dentistry Advancement Endowment Fund

The College of Dentistry Advancement Endowment Fund was established April 3, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni and friends of the College of Dentistry.

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

The principal and/or income is to be used to support and advance the College of Dentistry.

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 College of Dentistry.

The Sara Jane Pyne Memorial Scholarship Fund in the Visual Arts

The Sara Jane Pyne Memorial Scholarship Fund in the Visual Arts was established April 3, 1981, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Sara Jane Pyne, B.F.A. ’41, of Columbus, Ohio.

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

The annual income is to be used for scholarships and aid to students in the visual arts (Departments of Art, Art Education, History of Art, or Industrial Design) who have shown academic potential and/or need for financial assistance. Recipients of such scholarships or aid shall be selected by the Dean of the College of the Arts and Chairpersons from Visual Arts. For any academic year the number and dollar amount awarded annually under this program may be varied, as determined by the Dean of the College of the Arts in consultation with the Chairpersons from Visual Arts.

Should the need for this student aid 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 educational programs in the visual arts.
April 3, 1981 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. Durfey Memorial Scholarship Fund in Journalism

The Charles W. Durfey Memorial Scholarship Fund in Journalism was established April 3, 1981, by the Board of Trustees of The Ohio State University by gifts from the Scripps-Howard Foundation and from family and friends in memory of the late Charles W. Durfey, B.A. Jour. '75, and reporter, Cincinnati Post newspaper.

All gifts are to be invested 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 a student(s) majoring in journalism and who show promise in reporting. To receive a scholarship, the student must be enrolled in the School of Journalism during the time the scholarship is awarded.

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 journalism scholarships.

Intercollegiate Livestock Evaluation Team Endowment Fund

The Intercollegiate Livestock Evaluation Team Endowment Fund was established April 3, 1981, by the Board of Trustees of The Ohio State University with gifts from alumni and friends.

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

The annual income will be used to provide support for The Ohio State University undergraduate student Livestock Evaluation Team to represent the University in regional and national intercollegiate contests and programs. Funds will be distributed by the chairman of the Department of Animal Science.

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 appropriate administrative official of the University who is then directly responsible for the Department of Animal Science in the College of Agriculture and Home Economics.
April 3, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Medina County Scholarship Fund

The Medina County Scholarship Fund was established April 3, 1981, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Medina 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 Medina County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Medina County Alumni Club.

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.

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EMPLOYMENT OF ARCHITECTS/ENGINEERS

EYE CENTER - UNIVERSITY CLINICS BUILDING

Resolution No. 81-101

Synopsis: Employment of engineer to conduct a feasibility study for the project, Eye Center - University Clinics Building, is being proposed.

WHEREAS The Ohio State University Board of Trustees authorized the establishment of The Ohio State University College of Medicine Ophthalmologic Center through The Ohio State University Development Fund on October 11, 1967; and

WHEREAS the Department of Ophthalmology, within the College of Medicine, is in need of expanding to include an Eye Center; and

WHEREAS the Department is currently located on the fifth floor (top floor) of the University Clinics Building so that functionally it would be highly desirable to locate the Eye Center on a new floor above the present location; and
April 3, 1981 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)

EYE CENTER - UNIVERSITY CLINICS BUILDING (contd)

WHEREAS it is proposed to engage an architectural firm to conduct a feasibility study related to adding a floor or floors to the Clinics Building with regard to such items as construction costs, building code requirements, heating, ventilating and air conditioning, vertical transportation, utilities, and other related problems; and

WHEREAS the University Hospitals Board endorsed the proposal to determine the feasibility of this addition at the meeting March 10, 1981:

NOW THEREFORE

BE IT RESOLVED, That the firm of Dan A. Carmichael, of Columbus, Ohio, architect for the original Clinics Building, be employed to make this feasibility study; and

BE IT FURTHER RESOLVED, That the fee for this service will be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total estimate for this study to be $15,000 - $20,000. Funds for this study will be provided from gift dollars contributed for this expressed purpose.

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

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MCCracken Power Plant - Coal-Fired Boiler
Resolution No. 81-102

Synopsis: Employment of engineering firm to perform preliminary engineering feasibility study for a coal-fired boiler installation in McCracken Power Plant.

WHEREAS the University Energy Master Plan, 1980-2000, prepared by the Associate Vice President for Physical Facilities, recommends elimination of total dependency on natural gas and fuel oil by the addition of coal burning capability in McCracken Power Plant; and

WHEREAS the installation of such a coal-fired boiler plus needed rehabilitation of the existing boilers and plant are estimated to cost $24.8 million with a payback period of approximately nine years resulting from the ability to use coal, a lower priced fuel:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to select a qualified engineering firm to perform an engineering feasibility and preliminary design study for a coal boiler which can meet appropriate EPA standards and burn Ohio coal; and
April 3, 1981 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)

MCCracken Power Plant - Coal-Fired Boiler (contd)

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works, with the estimate of cost for this preliminary engineering study to be $100,000 from Budget Account 855159.

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

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MCCracken Power Plant Steam Distribution System Energy Savings

Resolution No. 81-103

Synopsis: Employment of engineer to complete design for the McCracken Power Plant Steam Distribution System Energy Savings project which is one of the grant acceptance projects by the Federal Government; grant received in sum of $250,000.

WHEREAS The Ohio State University is constantly continuing energy management resulting in conservation; and

WHEREAS it is proposed to install a desuperheater in McCracken Power Plant to reduce temperature of steam distribution through the system, and to also install additional insulation on piping in selected areas in the five-mile tunnel system to further reduce heat losses; these modifications will substantially save dollars in energy costs and will have a two and one-half year payback:

NOW THEREFORE

BE IT RESOLVED, That the firm of Moulenbelt and Seifert, Consulting Engineers of Dayton, Ohio, be employed; and

BE IT FURTHER RESOLVED, That the fee for this service will be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total estimate for this engineering to be $46,300.00. Funds for the engineering to be provided from Budget Account 885153.

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

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April 3, 1981 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)

PARKING LOT MAINTENANCE, 1981 -
PATCH, REPAIR AND SLURRY SEAL
PATCH, REPAIR AND EMULSION SEAL COAT
RESURFACING AND DRAINAGE MODIFICATIONS

Resolution No. 81-104

Synopsis: Employment of engineering firm to provide plans and specifications, surveys, inspections, necessary material and workmanship testing is proposed.

WHEREAS due to weather and use deterioration, the parking lots in several areas on The Ohio State University Campus need maintenance repairs; and

WHEREAS it is proposed that an engineering firm be employed to provide complete engineering services, including plans and specifications, surveys, inspections, necessary material and workmanship testing:

NOW THEREFORE

BE IT RESOLVED, That the firm of Evans, Mechwart, Hambleton and Tilton, Inc., of Columbus, Ohio, be employed for these services; and

BE IT FURTHER RESOLVED, That the fee for these services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, and the total estimated project cost of this maintenance project is $440,000 of which funds will be provided for both engineering and construction from Budget Account 885071.

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

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PLANS AND SPECIFICATIONS

Resolution No. 81-105

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:
PLANS AND SPECIFICATIONS (contd)

PARKING LOT MAINTENANCE, 1981 - RESURFACING AND DRAINAGE MODIFICATIONS

Project: Resurfacing and drainage modifications will be accomplished for the following parking lots: French Field House, South Lot and Tuttle Park Lots 1 and 2, West of Neil Avenue. These modifications are needed due to deterioration.

Funding: Budget Account 885071

Estimated Project Cost: $332,532.00

ENERGY MODIFICATIONS, PHASE V, PROJECT "A" (FAWCETT CENTER FOR TOMORROW, FOUNDERS HALL, HEALTH SCIENCES LIBRARY)

Project: Modifications to continue the ongoing energy conservation. Work will include modifications to existing centrifugal chiller in Fawcett Center which is estimated to save $21,812.00 annually with a two-year four-month payback; replacement of existing 316 ton absorption chiller and electrical centrifugal chiller in Health Sciences Library with an estimated annual savings of $25,000.00 with a three-year six-month payback; and system modifications in Founders Hall with a savings of $25,000.00 annually and a one-year seven-month payback.

Funding: Budget Account 210134

Estimated Project Cost: $199,700.00

STADIUM DRIVE PAVEMENT REPAIRS

Project: Due to deterioration, repairs will be made to sidewalks, curbs and pavement from Tuttle Park Place west to the Stadium Drive Bridge on Stadium Drive.

Funding: Budget Account 210134

Estimated Project Cost: $160,000.00

EXTERIOR PAINTING - 1981 (SEVEN BUILDINGS)

Project: Exterior painting of all trim due to deterioration on Lazenby Hall, Ives Hall, Maintenance Building, ElectroScience Laboratory, Mendenhall Laboratory, Page Hall and Derby Hall.

Funding: Budget Account 885157

Estimated Project Cost: $133,200.00
April 3, 1981 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ENERGY MODIFICATIONS, PHASE V, PROJECT "B" (DREESE, ROBINSON, ST. JOHN ARENA AND SMITH LABORATORY)

Project: New lighting, variable air volume work and installation of low leak dampers in Dreese, Robinson, St. John Arena and Smith Laboratory to continue energy modifications at The Ohio State University. The estimated annual savings will be $30,000.00 per year in utility costs, with a four-year payback.

Funding: Budget Account 210134

Estimated Project Cost: $121,300.00

NEWTON HALL - REPLACEMENT OF FIREPROTECTIVE MATERIALS

Project: Remove exposed fireproofing material and replace with non-asbestos fireproofing, encapsulate any residual asbestos to prevent fibers going into air. Areas include nurses’ locker room, mechanical room, stairwells, walls, ceilings, on the ground floor, first and top floors of Newton Hall.

Funding: Budget Account 885152

Estimated Project Cost: $110,000.00

PARKING LOT MAINTENANCE, 1981 - PATCH, REPAIR AND EMULSION SEAL COAT

Project: Patching, repairing and seal coating will be accomplished for the following parking lots: Women’s Field House; Drackett (North of Curl Drive); Cunz Hall; Kinsman (Belmont and 10th Avenue); Goss Laboratory (South); Sisson (Northeast); Laundry and Printing Facility. These repairs are needed due to deterioration.

Funding: Budget Account 885071

Estimated Project Cost: $60,740.00

PARKING LOT MAINTENANCE, 1981 - PATCH, REPAIR AND SLURRY SEAL

Project: Patch, repair and slurry seal work will be accomplished at the University Airport, Main Lot. These repairs are needed due to deterioration.

Funding: Budget Account 885071

Estimated Project Cost: $56,728.00
April 3, 1981 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ENERGY CONSERVATION MEASURES, FEDERAL DEPARTMENT OF ENERGY TITLE III GRANT - MAIN LIBRARY

Project: Continued energy conservation modifications to reduce and revise lighting in various areas; provide temperature control sequences consisting of unoccupied cycle of control, reset mixed air controllers. Estimated yearly savings will be $17,566.00 with a two-year ten-month payback.

Funding: Federal Grant - $24,770.00
Budget Account 885147 - $24,770.00
Total $49,540.00

Estimated Project Cost: $49,540.00

OHIO UNION, EXTERIOR STEP REPAIRS

Project: Replacement of existing deteriorated steps on east side of Ohio Union.

Funding: Budget Account 885149

Estimated Project Cost: $30,625.00

STADIUM DRIVE BRIDGE REPAIRS

Project: Repair stone mortar joints, reinforce stone anchors and patch concrete arches due to deterioration. This area of repairs will be over the Olentangy River Road span of the bridge.

Funding: Budget Account 210134

Estimated Project Cost: $30,000.00

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 Administration 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. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
April 3, 1981 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND
Resolution No. 81-106

Synopsis: A contract has been awarded for the project listed below to the lowest and best bidder 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 Administration 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 a contract for the following project:

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE IV, PART 2

Description: Continuation of the energy management programs for The Ohio State University. This project includes additional project work in various buildings which will expand the capability of the system and will be within design parameters for energy savings and communications originally established.

Temperature Control Contract

Date Received: April 16, 1975*

Bids: Alternate, unit price bids, and pricing procedures established when bids were received on Phase I, II and III of this project by the Department of Administrative Services, Division of Public Works.*

Estimate of Cost: $146,170.00*

Total Project Cost: $150,470.00*

Awarded to: Johnson Controls, Inc. (Columbus, Ohio)*

Total Contingency Allowance: $ 4,300.00

Funding: Budget Account 210134

*Change orders will be processed by the Division of Public Works to include alternate bids, and unit price items applicable to the expansion of the scope of work on the Central Campus Energy Control Center.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of a contract and the establishment of project funds for the project listed above are hereby reported.

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

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Amendment to Management Agreement with the Transportation Research Board of Ohio (TRBO) is proposed.

WHEREAS on June 11, 1979, OSU and TRBO entered into an Agreement for the management of the Transportation Research Center, East Liberty, Ohio, pursuant to Board of Trustees' Resolution No. 79-149; and

WHEREAS TRBO and Bank One Trust Company entered into a Trust Agreement for the sale of bonds to finance construction of crash test facilities at the Transportation Research Center; and

WHEREAS the Trust Agreement requires that the terms of the Management Agreement between OSU and TRBO be amended to subordinate payment of the OSU management fee to all operating and bond expenses; and

WHEREAS the accompanying amendment to the Management Agreement has been reviewed and approved by University legal counsel and appropriate University officials:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign and execute this amendment in accordance with established University procedures.

President Enarson called on Mr. Jackson to present again the Amendment to the Management Agreement even though it was presented to the Fiscal Affairs Committee and will be recommended by its Chairman.

Mr. Jackson:

In 1979 The Ohio State University entered into a management agreement with the Transportation Research Board of Ohio for managing the Center. One of the things that has happened since then was that the Transportation Research Board of Ohio has entered into an agreement with Bank One Trust Company for bonds to construct a crash facility. We have had up there for some years a crash simulator. This is an actual crash facility. Bonding was almost $7 million dollars as a part of that agreement. In order to guarantee payment of those bonds, it was necessary to subordinate the management fee for the University. This is asking for your approval to amend our agreement with the Transportation Research Board to subordinate our management fee whereby it would be paid once-a-year within 90 days after the close of the year and should there not be sufficient funds would allow us to carry that forward as a receivable to future years. I would also add that if that should become a burden, there is the terms within the contract that we could cancel our management contract with the Research Board, so that I think there is not a long-term burden which would be insurmountable in the foreseeable future. Certainly I have every optimism that the facility in which it is constructed is going to add to the facility and certainly encourage the kind of work that was intended at the facility as it was to provide research capability for faculty and students at the University.
April 3, 1981 meeting, Board of Trustees

AMENDMENT TO MANAGEMENT AGREEMENT WITH THE TRANSPORTATION RESEARCH BOARD OF OHIO (contd)

Mr. Havens:

Mr. Chairman, I would choose before you vote on this to say that I don't think I should vote. I am director of the parent Banc One, so I would choose not to vote on it.

Mr. Devenow: We'll record you as abstaining.

Mr. Galbreath: I think, Mr. Chairman, for the same reason, I should abstain also.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution with five affirmative votes and Messrs. Havens and Galbreath abstaining.

AMENDMENT TO MANAGEMENT AGREEMENT

THIS AMENDMENT AGREEMENT, made and entered into this _____ day of _______________________, 19____, to become effective on or before November 1, 1980, by and between the TRANSPORTATION RESEARCH BOARD OF OHIO (hereinafter referred to as “TRBO”), East Liberty, Ohio 43319, a body both corporate and politic of the State of Ohio created by the General Assembly in Chapter 5507 of the Ohio Revised Code, and THE OHIO STATE UNIVERSITY (hereinafter referred to as “OSU”), 206 Administration Building, 190 North Oval Mall, Columbus, Ohio 43210.

THIS AMENDMENT, is to a Management Agreement entered into on the 7th day of June, 1979, whereby the TRBO engaged the services of OSU as the managing agent for the Transportation Research Center.

That agreement, contained a provision whereby in Article II, Section 8, OSU was to receive One Dollar ($1.00) per year as payment for the administration of this Agreement and in addition, thereto, to recover from the TRBO funds all its direct and indirect costs, expenses and payments incurred to perform its obligation under this Agreement.

Also, Article III of said Management Agreement indicated that OSU shall have no financial responsibility whatsoever for the operation, management, supervision or direction of the Transportation Research Center and the obligations established by local, state or federal rules, regulations and laws, including Chapter 5507, and all financial responsibility for these activities shall be provided by TRBO through the TRBO account(s). Subsequent to this Management Agreement the TRBO issued Six Million Eight Hundred Ninety Thousand Dollars ($6,890,000) in bonds in order to finance a new crash test facility at the Center.

As part of the sale of these bonds a trust was created, effective November 1, 1980, whereby the revenues of the TRBO were pledged as security for the payment of said bonds, and the Trustee is granted authority to pay on a priority basis, first to the Operating and Maintenance Fund for the Transportation Research Center, second to the Bond Fund, third to the Incidental Income Fund, fourth to the Debt Service Reserve Fund and fifth to the Management Fee Fund, the sum of $20,833 monthly, or such other monthly sum as the Authorized Board Representative shall from time to time direct, for the payment of management services as provided in Section 8.10 of the Indenture. Not earlier than ninety (90) days after the
AMENDMENT TO MANAGEMENT AGREEMENT (contd)

close of the Fiscal Year and not more frequently than annually, the Trustee shall, upon the written request of the Authorized Board Representative, distribute to the Managing Agent such sum as the Authorized Board Representative shall direct in payment of management services performed in preceding Fiscal Years. In the event there are insufficient funds in any Fiscal Year to cover payment of such management services, any deficiencies shall be carried over as an obligation due to the Managing Agent until all such management services are paid. The Management Agreement is further amended that: Upon the occurrence of an event of default, the Trustee may, and upon the written request of the holders of not less than twenty-five percent in aggregate principal amount of Bonds then outstanding shall, terminate the management contract and remove the Managing Agent employed thereunder to operate and perform management services at the Center, by giving notice to the Board and the Managing Agent, which notice shall be effective upon its receipt. Promptly upon the receipt of such notice, but in any case not less than 30 days thereafter, the Board shall select a successor Managing Agent, acceptable to the Trustee, and enter into a management contract in accordance with the provisions and limitations contained in Section 8.10 hereof.

OSU hereby acknowledges it has read and is familiar with the Trust Indenture entered into by the TRBO, and further that as Managing Agent for the TRBO it hereby agrees to comply with all the terms and provisions in said Indenture in the management and operation of the Transportation Research Center.

It is, therefore, agreed by and between OSU and TRBO that the Management Agreement, entered into by and between the parties on the 7th day of June 1979, is hereby amended to be consistent with the provision in the Trust Indenture, established by the Transportation Research Center of Ohio, dated November 1, 1980, and Bank One the Trustee, under such Trust Indenture, whereby OSU to the extent set forth in said Trust Indenture, agrees to subordinate their claim for management compensation and management reimbursement in accordance with said Indenture and that the Management Agreement is amended and modified to be consistent with the Trust Indenture.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed to be effective as of the 1st day of November, 1980.

WITNESS:

THE TRANSPORTATION RESEARCH BOARD

__________________________________________
BY: _____________________________
    Its Chairman - George J. Arnold

ATTEST: ____________________________

THE OHIO STATE UNIVERSITY

__________________________________________
BY: _____________________________
    Its Vice President for Business and Admin.
    Richard D. Jackson

ATTEST: ____________________________

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RESOLVED, That the report on the University's Investment Portfolio, dated March 20, 1981, 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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REPORT - PRESIDENT ENARSON

I have several items to report. One is very simple. Spring has arrived at OSU in all areas of the campus. I walked around the hall this morning and I overheard the following comment by one of our OSU students. A young man talking to a young lady said, 'I'm going from bio to zoo-o; I'm scienced out.' I like to think that that's not true. In fact I'm confident that it is not true. In this great endless stream of human talent that comes in to the University and moves on to productive arenas of American life, we find the promise of the future. Driving down here this morning--somebody else was driving--I was able to browse through the substance, the descriptions of the research awards. I learned long ago that the description itself doesn't help me very much and sometimes I'm not helped very much by the layman's interpretation of it. I would hope that from time to time the Board members would browse through these grants because you get a really breathtaking grasp of the range and variety of research efforts underway--the vitality of our faculty. Here in one month alone--I announced a moment ago, the receipt of federal grants alone of roughly $8.5 million--$5.5 million of that, roughly, is attributable to our National Center for Research in Vocational Education which is funded on an annual basis from federal funds.

It's a spring day so I think I'll just report the good news. There was some bad news last night, but I won't report it--I'll let you find out for yourself. The good news is as follows--and this I got at about ten o'clock last night from Bill Napier who represents us very ably in the General Assembly. As those of you from the regional campuses, advisory councils, and staff are acutely aware, we were all of us extremely disturbed when we learned that the amounts indicated for the regional campuses showed unaccountable cuts of considerable magnitude below current levels of expenditure. This in the face of a commitment statement to the effect that all institutions would be held harmless on one score; that is, there would be no cut below a current existing level of appropriation. The subcommittee of the House Finance Committee--if I have the title right--met for a longish time last evening and acted on a number of items, and I am very pleased to report that we now have a dollar figure for each of the four campuses and it is--I'm 95 per cent sure, 99 per cent sure, as John is--that these are in fact last year's figures. To use an OSU metaphor or analogy or whatever, we're about half way through the first half. We've by no means won the game but all of us are enormously heartened. This came about because the Citizens Councils were alerted to this problem because they worked with us on the Columbus campus in presenting
April 3, 1981 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON (contd)

this to the legislators. The legislators saw the problem and they responded. I'm extremely pleased with this development, which was not planned this closely. It's simply the luck of the draw. Mr. Chairman and members of the Board, I think I have nothing else to report.

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Mr. Devenow:

Thank you, Mr. President. This meeting will recess into Executive Session for the purpose of the Board considering legal issues. The Board will reconvene for adjournment following this session so we can receive the report from the regional campus so please don't leave us. We will be back as soon as the Executive Session is over.

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The Board reconvened following the Executive Session and the meeting adjourned without taking any action.

Thereupon the Board adjourned to meet Friday, May 1, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott Chester Devenow
Secretary Chairman

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REPORT FROM MARION REGIONAL CAMPUS

Vice President Mount called attention to a booklet entitled, "The Ohio State University at Lima, Mansfield, Marion, and Newark." He noted that in this booklet was a map of Ohio showing the counties in the geographic area served by the four regional campuses of Ohio State and also a graph which showed the enrollment from these counties at the Ohio State Columbus Campus and at the Regional Campuses.

Dr. Francis Hazard, Dean/Director, Marion Regional Campus, welcomed the members of the Board of Trustees to the Marion Campus. He stated that "Holding a Trustees' meeting on a regional campus each year has at least four results: (1) it cultivates our leadership; (2) it fosters teamwork; (3) it provides quality assurance of curriculum, instruction, and student services; (4) and most importantly, it motivates and cultivates community and alumni support."
April 3, 1981 meeting, Board of Trustees

REPORT FROM MARION REGIONAL CAMPUS (contd)

Dr. David Citino, Associate Professor of English, spoke on behalf of the faculty at the Marion Campus. He shared some of the facts he had accumulated pertaining to the Marion Campus faculty. Ninety-six per cent of the faculty hold a Ph.D. degree or its equivalent. He said, "These scholars, teachers, writers, and artists have a firm commitment to offer to the citizens of the area the very best undergraduate—and occasionally, graduate—education they can. Their scholarly and artistic productivity is enhanced by close contact with students and their teaching is in turn enhanced by their scholarship."

Lisa Thogmartin, a sophomore majoring in English education and speech, spoke on behalf of the students with physical disabilities and discussed the efforts of the OSU Marion Campus to accommodate the needs of physically impaired students. She said, "...at OSU, I and all other students with a disability are welcome in every facet of life from student activities to classroom activities. ...Now, because of all these experiences, I am ready to go on to the bigger world of the 'main campus' and then on with my career."

Chris Paterson attended the Marion Campus the first two years of college and was enrolled in a couple of courses there while commuting to Columbus this past year. Two out of every three students claim Marion as their first choice for college, while 70 per cent contend they would not have attended college if it had not been for the Regional Campus being close to their homes. Marion Campus students assert that their top priority is to be an authority in their field, while one-half expect to obtain a bachelor's degree and one-third anticipate getting their Master's degree. The main objective of the students is to transfer to Columbus and two out of every three expect to do so. Based on his use of the services and facilities in Columbus, Mr. Paterson stated that he found the transition very comfortable.

Dr. Stephen L. Stuart, Superintendent of the Marion City Schools, who represented the Citizens Council, said that he hoped the sincerity of these many welcomes adequately expressed the appreciation that is felt by the Citizens Councils for the commitment made by the trustees and administrators to the regional campus concept. He indicated that the Citizens Councils serve as the voice of the respective communities by providing consultation and advice on a wide variety of matters related to The Ohio State University.

Mr. Devenow:

Dean Mount, Dean Hazard, Dr. Citino, Dr. Stuart; we are delighted to be here, and you have made our stay here very pleasant. I think I speak for the whole Board when I tell you that you are certainly not a stepchild to us. We are deeply concerned about what happens here as well as the other campuses which constitute this great complex—one of the most important educational institutions maybe in the world at this point. I think all of our work—and I think I can speak for the whole Board; two of our members aren’t here, unfortunately (we have a nine member board). But I think a lot of our work and the hours and the trauma and the torture that President Enarson and the rest of us put in were pretty well summed up in what Chris and Lisa told us today. That makes it all worth the while. It has been suggested and we would be delighted if any of you would like to come up and meet President Enarson, the staff or any Board member; you’re welcome to do so and then we’ll proceed with the rest. Thank you very much.

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The Board of Trustees met at its regular monthly meeting on Friday, May 1, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
May 1, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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 personnel-related matters.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

ELECTION OF OFFICERS
BOARD OF TRUSTEES

Resolution No. 81-109

Mr. Galbreath presented the following:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the meeting (May 1, 1981) and shall hold their office through the May 1982 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1981-82 be elected:

Chester Devenow, Chairman
Warren J Smith, Vice Chairman
Madison H. Scott, Secretary
Richard D. Jackson, Acting Treasurer

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

Mr. Galbreath:

Excuse me, Mr. Devenow, I think this might be appropriate not to let this slip by unnoticed. I have discussed this not only with the nominating committee but with those individuals that are involved and have complete unanimity in asking our present slate of officers to remain another year. I appreciate that sort of understanding and cooperation. I think it accomplishes a couple of major things: One is that our present officers can help us through a transition with a new University president which will be coming on this year some time and it also puts us back into the rotation of having a trustee potentially serve as chairman during his or her last year in office, and all of those that I have talked to still feel that
May 1, 1981 meeting, Board of Trustees

ELECTION OF OFFICERS
BOARD OF TRUSTEES (contd)

Mr. Galbreath: (contd)

that original concept was good, and this will enable us to get back into phase, and among others I appreciate, Mr. Devenow, your willingness to serve another year. Thank you.

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Mr. Devenow asked Mrs. James to present two resolutions.

Mrs. James:

Thank you, Mr. Chairman. I'd like to present these resolutions, and for reasons which will become obvious, I'm going to read all of the WHEREASES:

DISTINGUISHED SERVICE AWARD
Resolution No. 81-110

Synopsis: Recommendation for Audrey P. Enarson to receive a Distinguished Service Award is proposed.

WHEREAS Audrey P. Enarson has served as “first lady” of The Ohio State University since 1972; and

WHEREAS during those years she has contributed immeasurably to the advancement of this University and to the creation of good will on its behalf; and

WHEREAS she has shared her life generously with others through a wide range of campus, community, and national groups; and

WHEREAS it is proposed that a Distinguished Service Award be presented to her for her outstanding contributions to the University and the University Community:

NOW THEREFORE

BE IT RESOLVED, That Audrey P. Enarson be awarded The Ohio State University Distinguished Service Award in recognition of her outstanding service.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF THE HAROLD L. AND AUDREY P. ENARSON
PROFESSORSHIP IN PUBLIC POLICY

Resolution No. 81-111

Synopsis: Establishment of the Harold L. and Audrey P. Enarson Professorship in Public Policy in the College of Administrative Science is proposed.

WHEREAS on August 31, 1981, President Harold L. Enarson will have completed nine full years in office and will leave to his successor a fiscally sound institution, a student body that exceeds 59,000 on all campuses and whose main campus enrollment is the largest in the nation, a quality faculty and staff, and outstanding academic programs—many of which cannot be replicated by peer institutions; and

WHEREAS the criteria used by the search committee in the selection of President Enarson included the expectations that the new person should evidence a capacity for work with great intensity, energy, and dedication; that the individual's integrity, courage, and decisiveness should be exceptional and noteworthy; that the candidate should be articulate and persuasive and should have a comprehension of what constitutes excellence in teaching, scholarship, research, and service; and

WHEREAS in evaluating the President against these characteristics, the Board has concluded that Harold Enarson has met in a superb way the expectations set forth by the University in the course of its search; and

WHEREAS this Board has previously expressed its appreciation for President Enarson's efforts to strengthen and improve the quality of education and research at the University and to give this institution a sound, efficient, and responsive administration; and

WHEREAS the Board of Trustees appreciates fully the courage, dedication, and strong sense of excellence possessed by President Enarson, and salutes the contribution that these qualities have made to The Ohio State University:

NOW THEREFORE, BE IT RESOLVED, That the Board of Trustees, in recognition of President Enarson's distinguished service, wishes to establish, effective immediately, the Harold L. and Audrey P. Enarson Professorship in Public Policy in the College of Administrative Science; and

BE IT FURTHER RESOLVED, That to facilitate the implementation of this decision, the Vice President for Finance and Planning is hereby authorized and directed to take the appropriate action to transfer to the permanent endowment fund, from interest which has accrued to the University in its unrestricted endowment accounts, a sum sufficient in amount to insure the full funding of the Harold L. and Audrey P. Enarson Professorship in Public Policy.

Upon motion of Mrs. James, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
May 1, 1981 meeting, Board of Trustees

ESTABLISHMENT OF THE HAROLD L. AND AUDREY P. ENARSON PROFESSORSHIP IN PUBLIC POLICY (contd)

President Enarson:

Mr. Chairman, that is a pretty big dose to absorb. No one achieves anything by oneself, and Audrey and I are very grateful to have been associated with this University. Thank you very much.

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RESOLUTIONS IN MEMORIAM

Resolution No. 81-112

Synopsis: Resolutions honoring the service of five of this 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 Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Raymond L. Cummins

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 27, 1981, of Dr. Raymond L. Cummins, Associate Professor Emeritus in the College of Dentistry.

Dr. Cummins received his D.D.S. degree from The Ohio State University College of Dentistry in 1929. He was a member of the faculty from 1941-44. At that time he went into private practice. He returned as a faculty member in 1963 and retired June 30, 1975.

Dr. Cummins was a member of the Columbus Dental Society, the American Dental Association, and the Ohio Dental Association. He was also a member of Omicron Kappa Upsilon Dental Honorary Fraternity.

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 Washington Haws

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 8, 1981, of Robert W. Haws, Professor Emeritus, Academic Faculty of Industrial Technology, College of Education.
May 1, 1981 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert Washington Haws (contd)

Born June 17, 1900, in Ceredo, West Virginia, he graduated from Ohio University in 1924 with a Bachelor of Science in Education degree. He received the Master of Arts degree in 1932 and the Doctor of Philosophy degree in 1947 from The Ohio State University.

Dr. Haws was first appointed to the faculty of the College of Education as a Lecturer in 1942. He was appointed an Assistant Professor in 1943, Associate Professor in 1955, and a Professor of Education in 1960. He became Professor Emeritus following his retirement in August, 1968.

Prior to his joining the University faculty, he taught industrial arts at Monroe (1922-1923), Jacksonville (1924-1925), Xenia (1926-1930), and Hamilton, Ohio (1930-1942). This 19 years of secondary school teaching, combined with 26 years at the University, make a career total of 45 years of dedicated teaching.

Robert W. Haws authored eight articles, contributed to several school survey reports, and coauthored a professional book for secondary school industrial arts teachers. He advised over fifty graduate students in the completion of their theses and dissertations. Despite this, his greatest interest was in teaching. Industrial arts teachers all over Ohio, as well as many in other states, lovingly and privately referred to him, in later years, as "Pappy." He sponsored their student organizations, was always available and willing to hear out students' problems or concerns, consistently received high ratings on student evaluations of his teaching, and was the ever-present, steadying force through their student years. He was a dedicated and loved teacher.

Perhaps above all, there are many of us who remember him as both teacher and friend. We were fortunate to have known him as both, and we will continue to remember him.

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 C. Higgy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 21, 1981, of Robert C. Higgy, Associate Professor Emeritus, Department of Electrical Engineering.

Born December 7, 1901, in Columbus, Ohio, he graduated from The Ohio State University in 1925 with a Bachelor of Electrical Engineering degree. He was awarded the professional degree, Electrical Engineer, in 1937 from The Ohio State University.

An early pioneer in radio broadcast technology, Professor Higgy served as Instructor in the Electrical Engineering Division of the U. S. Army School of Military Aeronautics from 1917...
RESOLUTIONS IN MEMORIAM (contd)

Robert C. Higgy (contd)

to 1918, prior even to his entry into the University and to formal training in electrical engineering. During the period 1919-1921, Professor Higgy designed, built and operated the original University radio station. The station, initially called 8XI began operation on an experimental basis in the Fall of 1919; regular programs began in 1920. The call letters of the station were changed to WEAO in 1922 and to WOSU in 1931. This radio station was one of the pioneering educational broadcasting stations and grew under his guidance and direction to become one of the largest and most widely known educational broadcasting stations in the United States offering AM, FM and later TV programming. Professor Higgy served as chief engineer of the station from 1925 to 1927 and then as station director and chief engineer from 1927 to 1956.

Professor Higgy joined the faculty of the Department of Electrical Engineering as Instructor in 1927 and retired in 1964 as Associate Professor Emeritus. During this period he taught extensively and continued to play an important role in the development of educational broadcasting in this country. Beginning in the 1920’s and continuing until World War II, the OSU Department of Electrical Engineering was a national leader in the field of broadcast engineering. Also during this period, Professor Higgy served as a technical consultant to numerous radio and television broadcast stations. He was also founder and second president of the National Association of Educational Broadcasters.

Professor Higgy authored a book, *Fundamental Radio Experiments*, published in 1943 and contributed to the scientific literature regarding radio transmission. He was also very active in advancing the profession; he was the original organizer of the Columbus section of the Institute of Radio Engineers, the principal professional organization for electrical engineers.

Professor Higgy has made lasting impact upon the Department of Electrical Engineering in his contributions to its growth in size and stature and indeed will long be remembered for his pioneering contributions to the field of educational broadcasting.

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.

Delbert Oberteuffer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 26, 1981, of Delbert Oberteuffer, Professor Emeritus, School of Health, Physical Education and Recreation.

Born November 19, 1901, in Portland, Oregon, he graduated from the University of Oregon in 1923 with a Bachelor of Arts degree. He received both the Master’s degree in 1924 and the Ph.D. degree in 1930 from Columbia University.

Delbert Oberteuffer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 26, 1981, of Delbert Oberteuffer, Professor Emeritus, School of Health, Physical Education and Recreation.

Born November 19, 1901, in Portland, Oregon, he graduated from the University of Oregon in 1923 with a Bachelor of Arts degree. He received both the Master’s degree in 1924 and the Ph.D. degree in 1930 from Columbia University.
RESOLUTIONS IN MEMORIAM (contd)

Delbert Oberteuffer (contd)

Dr. Oberteuffer was Supervisor of Physical Education and Health Education for the State of Ohio from 1929 to 1932 when he came to the University and served as Professor of Physical Education for 34 years until his retirement in 1966. He was Chairman of the Men’s Department of Physical Education for 25 years and was instrumental in developing a graduate program in physical education and health education that was nationally recognized for the quality of both its curriculum and faculty.

Dr. Oberteuffer was an articulate and dynamic spokesman for his profession and was in constant demand as a speaker. His class lectures challenged and stimulated thousands of graduate and undergraduate students. He wrote two basic textbooks, *Physical Education* and *School Health Education*, which were standard references throughout the country for many years. Both have been revised several times and continue to be used today.

It is uncommon for one person to achieve such eminence in a single field, but Dr. Oberteuffer was an acknowledged leader in two fields: health education and physical education. This duality is unique because he is the only person to receive both the Luther H. Gulick Award—the highest honor in physical education from the American Alliance for Health, Physical Education, Recreation and Dance and the William A. Howe Award—the highest honor in health education from the American School Health Association. He also was the recipient of the Hetherington Award granted by the American Academy of Physical Education. Ohio Wesleyan University, Bowling Green State University, and Ashland College all have conferred honorary degrees upon Dr. Oberteuffer. He received the Distinguished Service Award from The Ohio State University in 1969.

The excellent reputation which The Ohio State University enjoys today in the areas of physical education and health education is convincing testimony to his personal leadership and his judgment and foresight in selecting faculty members. The University is the fortunate possessor of an Oberteuffer tradition which is a source of great strength and inspiration. His legacy will be carried on by the Oberteuffer Memorial Lecture Series which was established this year by the School of Health, Physical Education and Recreation.

On behalf of the University, the Board of Trustees expresses 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.

Louis E. Reif

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 11, 1981, of Dr. Louis E. Reif, Assistant Professor Emeritus in the College of Dentistry.

Dr. Reif received his D.D.S. degree from The Ohio State University College of Dentistry in 1916. He was a member of the faculty from 1916 until he retired in 1962. He also maintained a successful private practice. He served as a Captain in the U. S. Army Dental Corps, World War I.
RESOLUTIONS IN MEMORIAM (contd)

Dr. Reif was a member and past president of the Columbus Dental Society, a member of the American Dental Association, the Ohio Dental Association, and Omicron Kappa Upsilon Dental Honorary Fraternity. He assisted Dr. Ed Mills in establishing the Dr. John Harris Dental Museum at Bainbridge, Ohio.

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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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY
Resolution No. 81-113

Synopsis: Amendments to paragraphs (A) and (C) of rule 3335-7-32 and rule 3335-9-20 of Rules of the University Faculty 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 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 April 11, 1981, as follows:

3335-7-32 Withdrawal from courses or from the university.

(A) Withdrawal from the university during a quarter constitutes withdrawal from all courses in which a student is enrolled during that quarter. Upon official notification of the student's withdrawal from the university, the director of registration, records and scheduling is authorized to enter the dated notation "withdrew" on the student's official permanent record.

(C) Until five p.m. of the fourth Friday of a quarter (third Friday of the relevant term for summer term courses) a student may withdraw from any or all courses which began in the same quarter (or term), and no record for the course(s) will be entered on the student's official permanent record.

3335-9-20 Improper admission or registration.

Admission or registration may be cancelled by the assistant vice president for registration services (or the designated director of admissions or of registration,
May 1, 1981 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

records and scheduling) 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.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted by the Board of Trustees for inclusion in the next publication of this document.

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

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DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT

Resolution No. 81-114

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 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 June 12, 1981, 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. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 1, 1981 meeting, Board of Trustees

CHANGE "WILLIAM H. DAVIS PROFESSORSHIP IN THE AMERICAN FREE ENTERPRISE SYSTEM" TO "WILLIAM H. DAVIS CHAIR IN THE AMERICAN FREE ENTERPRISE SYSTEM"

Resolution No. 81-115

Synopsis: Change "William H. Davis Professorship in the American Free Enterprise System" to "William H. Davis Chair in the American Free Enterprise System" is being proposed.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs," which was subsequently modified March 3, 1972, and renamed "Endowed Chairs" and was modified further on May 5, 1978; and

WHEREAS the Board of Trustees on December 15, 1976 approved the establishment of an "Endowed Professorship" to be known as "William H. Davis Professorship in the American Free Enterprise System"; and

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

WHEREAS at the time of the establishment of the "Endowed Professorship" it was agreed that the professorship be redesignated the William H. Davis Chair in the American Free Enterprise System when the level of funding is sufficient to endow a chair; and

WHEREAS the level of funding has now reached the level required through unexpended earnings on the original investment:

NOW THEREFORE

BE IT RESOLVED, That the William H. Davis Professorship in the American Free Enterprise System be changed to the William H. Davis Chair in the American Free Enterprise System.

Upon motion of Mr. Imnke, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 81-116

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Reappointment of Chairmen of Departments and Academic Faculty, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles are recommended for approval.
May 1, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 3, 1981 meeting of the Board, including the following Appointment, Reappointment of Chairmen of Departments and Academic Faculty, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles as detailed in the University Budget, be approved.

Appointment

<table>
<thead>
<tr>
<th>Name</th>
<th>JEREMY COHEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Associate Professor (Samuel and Esther Melton Chair of Jewish History and Studies)</td>
</tr>
<tr>
<td>Department</td>
<td>History</td>
</tr>
<tr>
<td>Salary</td>
<td>$25,080.00 (9-months)</td>
</tr>
<tr>
<td>Effective</td>
<td>January 1, 1982</td>
</tr>
<tr>
<td>Present Position</td>
<td>Assistant Professor of Medieval Jewish History and Coordinator, Program of Jewish Studies, Cornell University, Ithaca, New York</td>
</tr>
</tbody>
</table>

Reappointment of Chairmen of Departments and Academic Faculty

October 1, 1981 through September 30, 1985

<table>
<thead>
<tr>
<th>Department</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>John K. Shank</td>
</tr>
<tr>
<td>Black Studies</td>
<td>William E. Nelson</td>
</tr>
<tr>
<td>Political Science</td>
<td>Randall B. Ripley</td>
</tr>
</tbody>
</table>

July 1, 1981 through June 30, 1983

<table>
<thead>
<tr>
<th>Department</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Science</td>
<td>George R. Johnson</td>
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</tbody>
</table>

July 1, 1981 through June 30, 1985

<table>
<thead>
<tr>
<th>Department</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entomology</td>
<td>D. Lyle Goleman</td>
</tr>
<tr>
<td>Industrial Design</td>
<td>Charles Wallschlaeger</td>
</tr>
</tbody>
</table>

Medical Staff Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mangala Venkatesh, M.D.</td>
<td>Limited Staff in Neurology</td>
<td>Medicine</td>
</tr>
<tr>
<td>Donald L. Sharps, M.D.</td>
<td>Limited Staff</td>
<td>Pediatrics</td>
</tr>
<tr>
<td>Brian Lowery, M.D.</td>
<td>Attending Staff in Thoracic Surgery</td>
<td>Surgery</td>
</tr>
</tbody>
</table>
May 1, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (contd)

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paul E. Weathers, M.D.</td>
<td>Attending Staff</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>Sheldon Roberts, M.D.</td>
<td>Limited Staff</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>Bruce Spring, M.D.</td>
<td>Limited Staff</td>
<td>Family Medicine</td>
</tr>
</tbody>
</table>

Effective March 19, 1981

Leaves of Absence Without Salary

MICHAEL LES BENEDICT, Professor, Department of History, effective April 1, 1982 through March 31, 1983, to accept a Fulbright Award to teach in Japan.

SAMUEL CHU, Professor, Department of History, effective October 1, 1981 through June 30, 1982, to accept a Research Fellowship awarded by the Committee on Advanced Study in China for the academic year 1981-82.

ROBERT J. LENARDON, Professor, Department of Classics, effective October 1, 1981 through March 31, 1982, to serve as Visiting Professor of Humanities Studies at the University of New York at Albany.


PHILIP W. BALLINGER, Assistant Professor, School of Allied Medical Professions, effective April 20, 1981 through July 31, 1981, to revise a radiological text.

MARY BREESE, Assistant Professor, School of Allied Medical Professions (Medical Dietetics Division), effective July 1, 1981 through August 31, 1981, for personal reasons.

Professional Improvement Leave

PERSONNEL ACTIONS (contd)

Emeritus Titles

CHARLES E. CARLUT, Department of Romance Languages and Literatures, with the title Professor Emeritus, effective July 1, 1981.

C. WAYNE ELLETT, Department of Plant Pathology, with the title Professor Emeritus, effective May 1, 1981.

EARLE W. KLOSTERMAN, Department of Animal Science, with the title Professor Emeritus, effective April 1, 1981.

WILLIAM MOLNAR, Department of Radiology, with the title Professor Emeritus, effective January 1, 1981.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 81-117

Synopsis: The reports on contracts, grants, and gifts and the summary for March 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 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 agreements 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 1981, be approved.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
May 1, 1981 meeting, Board of Trustees

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

SUMMARY FOR MARCH 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>63</td>
<td>$4,350,645.00</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>37</td>
<td>176,248.00</td>
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<tr>
<td></td>
<td></td>
<td>$4,526,893.00</td>
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<tr>
<td>The Ohio State University Development Fund</td>
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<tr>
<td>January</td>
<td>3,723</td>
<td>$277,295.00</td>
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<tr>
<td>February</td>
<td>2,981</td>
<td>862,383.61</td>
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<tr>
<td>March</td>
<td>8,237</td>
<td>994,808.41</td>
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<tr>
<td>Establishment of Named Funds</td>
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<tr>
<td>The Dr. Mars G. Fontana Endowment Fund</td>
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<tr>
<td>(Professorship - Department of Metallurgical Engineering)</td>
<td></td>
<td>$16,538.75</td>
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<tr>
<td>The Delos D. Wickens Lectureship Fund</td>
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</tr>
<tr>
<td>(Department of Psychology)</td>
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<td>$7,178.00</td>
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<tr>
<td>Change in Description of Named Fund</td>
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<tr>
<td>Dai Ho Chun Graduate Fellowship Fund</td>
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<tr>
<td>Report from Presidents Club</td>
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<td></td>
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<tr>
<td>Members to date</td>
<td>4,461</td>
<td></td>
</tr>
<tr>
<td>1981 members: year to date</td>
<td>38</td>
<td></td>
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<tr>
<td>New members - March 1981</td>
<td>15</td>
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<tr>
<td>New Presidents Club Members - March 1981</td>
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<td></td>
</tr>
<tr>
<td>Michael J. Arena</td>
<td>Jean Moxley (Mrs. John F.)</td>
<td></td>
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<tr>
<td>Thomas M. Bashore</td>
<td>John G. Reiner</td>
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<tr>
<td>Michael W. Bertz</td>
<td>Berenice J. Richard</td>
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<tr>
<td>Brenton H. Carey</td>
<td>Susan D. Stalnaker (Mrs. Russell R.)</td>
<td></td>
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<tr>
<td>Phillip K. Fulkerson</td>
<td>John M. Stang</td>
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<tr>
<td>Donna M. Gold (Mrs. Stuart A.)</td>
<td>Donald V. Unverferth</td>
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<td>Joseph P. Harrison</td>
<td>Robert I. Yeoman</td>
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<tr>
<td>John R. Miller</td>
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May 1, 1981 meeting, Board of Trustees

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

THIRD QUARTER SUMMARY
January 1, 1981 through March 31, 1981

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tr>
<td><strong>FEDERAL</strong></td>
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</tr>
<tr>
<td>National Aeronautics and Space Administration</td>
<td>7</td>
<td>$271,270.00</td>
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<tr>
<td>National Science Foundation</td>
<td>31</td>
<td>1,459,763.40</td>
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<tr>
<td>Department of Defense</td>
<td>15</td>
<td>1,346,225.00</td>
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<tr>
<td>Department of Energy</td>
<td>8</td>
<td>1,138,405.00</td>
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<tr>
<td>Department of Education</td>
<td>10</td>
<td>6,995,081.00</td>
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<tr>
<td>Department of Health and Human Services</td>
<td>35</td>
<td>2,168,130.00</td>
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<tr>
<td>Other Federal</td>
<td>26</td>
<td>6,928,248.00</td>
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<tr>
<td><strong>TOTAL - FEDERAL</strong></td>
<td>132</td>
<td>$20,307,122.40</td>
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<tr>
<td><strong>STATE OF OHIO</strong></td>
<td>15</td>
<td>$517,251.00</td>
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<tr>
<td><strong>INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS</strong></td>
<td>69</td>
<td>$3,485,724.00</td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td>216</td>
<td>$24,310,097.40</td>
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</table>
May 1, 1981 meeting, Board of Trustees

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

THIRD QUARTER SUMMARY
January 1, 1981 through March 31, 1981

ENGINEERING EXPERIMENT STATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tbody>
<tr>
<td>FEDERAL</td>
<td>1</td>
<td>$20,705.00</td>
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<tr>
<td>STATE OF OHIO</td>
<td>2</td>
<td>7,264.00</td>
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<tr>
<td>INDUSTRIAL AND OTHER</td>
<td>80</td>
<td>483,768.00</td>
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<tr>
<td>GRAND TOTAL</td>
<td>83</td>
<td>$511,737.00</td>
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</table>

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May 1, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants


$315,678.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Clinical Research Center Branch, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (H. G. Cramblett) and Department of Medicine (W. B. Malarkey), 1 December 1980 through 30 November 1981. (Project 761196 - Continuation)


$153,325.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1981 through 31 January 1983. (Project 762589 - Continuation)

$139,913.00 - National Science Foundation, Washington, D. C., Complex Animation and Complex Object Synthesis, Department of Art Education (C. A. Csuri), Department of Computer and Information Science (R. E. Parent), and Department of Electrical Engineering (K. W. Olson), 1 April 1981 through 31 March 1982. (Project 762077 - Continuation)

$113,169.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Unsaturated Fatty Acids, Prostaglandins and Diabetes, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1981 through 31 March 1982. (Project 760745 - Continuation)
May 1, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$106,623.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity to Tumor - Localized, Chemically-Modified Drugs, Department of Pathology (R. F. Barth), 1 January 1981 through 31 December 1981. (Project 761801 - Continuation)


$83,922.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb and D. E. Schumm), 1 April 1981 through 31 March 1982. (Project 760063 - Continuation)


$79,364.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 April 1981 through 31 March 1982. (Project 760820 - Continuation)

$68,448.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Pharmacology of Novel Antiabortifacients, College of Pharmacy (R. G. Rahwan), 1 April 1981 through 31 March 1982. (Project 762609 - New)

$67,415.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1981 through 31 March 1982. (Project 764400 - Continuation)

$57,551.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1981 through 31 March 1982. (Project 762083 - Continuation)

$50,000.00 - National Endowment for the Humanities, Washington, D. C., The American Women's Movement in the Post Second World War Two Period, Department of History and Center for Women's Studies (L. J. Rupp) and Department of Sociology (V. A. Taylor), 1 April 1981 through 31 March 1983. (Project 762602 - New)


$48,819.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1981 through 31 March 1982. (Project 761080 - Continuation)

$47,758.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. A. Wojcicki), 1 July 1981 through 30 June 1982. (Project 761787 - Continuation)

$40,368.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1981 through 31 March 1982. (Project 761591 - Continuation)

$37,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksieniaki and W. D. Burnside), 4 February 1981 through 30 September 1981. (Project 761432 - Continuation)


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May 1, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

<table>
<thead>
<tr>
<th>Grant Amount</th>
<th>Funding Agency</th>
<th>Project Title</th>
<th>Principal Investigators</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>$26,000.00</td>
<td>Department of Education</td>
<td>Inservice Training for School Administrators and Special and Secondary Schools,</td>
<td>T. M. Stephens, J. O. Cooper, and S. McCormick</td>
<td>1 June 1981</td>
<td>31 May 1982</td>
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<td></td>
<td>Academic Faculty for Exceptional Children</td>
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<td>(Project 762139 - Continuation)</td>
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<td>$25,672.00</td>
<td>National Science Foundation</td>
<td>Singular Integral Operators on Homogeneous Spaces</td>
<td>A. Dynin</td>
<td>1 July 1981</td>
<td>30 June 1983</td>
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<td>Department of Mathematics</td>
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<td>(Project 762622 - New)</td>
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<td>$21,816.00</td>
<td>National Science Foundation</td>
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<td>E. Bannai</td>
<td>1 July 1981</td>
<td>30 June 1983</td>
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<td>Department of Mathematics</td>
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<td>(Project 761630 - Continuation)</td>
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<td>$18,500.00</td>
<td>Department of the Navy</td>
<td>Formulate Quasi-Optical Techniques for Antennas at UHF</td>
<td>C. Walter, R. Marhefka, and R. Rudduck</td>
<td>26 January 1981</td>
<td>30 April 1981</td>
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<td>Department of Electrical Engineering, ElectroScience Laboratory</td>
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<td>(Project 761784 - Continuation)</td>
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<td>$18,493.00</td>
<td>National Science Foundation</td>
<td>Environmental History of Toolik Lake and Toolik Drainage: A Component of Project ALPS</td>
<td>P. A. Colinvaux</td>
<td>23 February 1981</td>
<td>31 October 1981</td>
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<td></td>
<td>Institute of Polar Studies and Department of Zoology</td>
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<td>(Project 761102 - Continuation)</td>
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<td>$14,000.00</td>
<td>National Science Foundation</td>
<td>High Energy Physics Search for Long-Lived Particles Resulting from Neutrino Interactions in a Tagged Emulsion Spectrometer</td>
<td>T. A. Romanowski</td>
<td>1 April 1981</td>
<td>31 March 1983</td>
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<td>Department of Physics</td>
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<td>(Project 762620 - New)</td>
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<td>$13,954.00</td>
<td>Department of Health and Human Services</td>
<td>Ohio Statewide Cancer Control Support Development Grant</td>
<td>C. J. Cavalaris</td>
<td>1 September 1980</td>
<td>31 August 1981</td>
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<td>Cancer Research Center</td>
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<td>(Project 761832 - Continuation)</td>
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<td>$10,000.00</td>
<td>Argonne National Laboratory</td>
<td>The Dissolution Kinetics of Titanate Waste Form Compounds</td>
<td>D. W. Readey and E. Bright</td>
<td>1 February 1981</td>
<td>31 May 1981</td>
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<td></td>
<td>Department of Ceramic Engineering</td>
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<td>(Project 762597 - New)</td>
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May 1, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$9,740.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Recruit, Select and Train Minorities - Graduation and Work, School of Nursing (E. L. Fritz), 1 March 1979 through 21 March 1980. (Project 761056 - Continuation)

$9,087.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 17 December 1980 through 30 June 1981. (Project 762359 - Continuation)

$9,031.00 - 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), 1 July 1979 through 30 June 1980. (Project 761133 - Continuation)

$7,000.00 - Department of Education, Office of Special Education, Washington, D. C., The Ohio State University Preservice/Inservice Training Project for Special Education Personnel, Academic Faculty for Exceptional Children (M. E. Ward), 1 June 1981 through 31 May 1982. (Project 762171 - Continuation)

$5,680.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1980 through 30 June 1981. (Project 761710 - Continuation)

$4,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Test Data Processing and Analysis Related to the SRL-10 System, Department of Electrical Engineering (H. Hemami), 1 February 1981 through 30 April 1981. (Project 762617 - Continuation)

$3,000.00 - National Endowment for the Arts, Washington, D. C., Photography Exhibition, Department of Photography and Cinema (J. R. Green), 1 July 1980 through 30 June 1981. (Project 762604 - New)

$2,879.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Alpha-Adrenergic and Dopaminergic Stereochmical Studies, College of Pharmacy (D. D. Miller), 1 September 1980 through 31 August 1981. (Project 761349 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$1,920.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry (T. Kuwana), 1 September 1980 through 31 December 1981. (Project 763359 - Continuation)

$1,638.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Study to Determine the IFR Operational Profile of the General Aviation Single-Pilot, Department of Aviation (G. S. Weislogel and G. C. Chapman), 4 March 1981 through 30 June 1981. (Project 761869 - Continuation)

$1,169.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. C. Stiefel), 1 July 1980 through 30 June 1981. (Project 762280 - Continuation)

$750.00 - National Science Foundation, Washington, D. C., Science Faculty Professional Development Program, School of Natural Resources (R. E. Roth), 13 February 1981 through 30 June 1981. (Project 762585 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $3,886,596.00

State of Ohio Research Contracts/Grants

$242,500.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, Hog Accelerated Marketing System - A Pilot Project for Computerized Electronic Marketing of Slaughter Hogs, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and E. D. Baldwin), 2 September 1981 through 31 January 1982. (Project 761446 - Continuation)

$50,000.00 - State of Ohio, Department of Energy, Columbus, Ohio, Home Energy Conservation with Emphasis on Rural Areas, Cooperative Extension Service - State Operations (P. R. Thomas), 2 March 1981 through 28 February 1982. (Project 762576 - New)

$13,386.00 - State of Ohio, Department of Energy, Columbus, Ohio, Energy Data Services, Department of Geology and Mineralogy (P. N. Webb), 24 March 1981 through 30 November 1981. (Project 762614 - New)

$4,825.00 - Ohio Historical Society, Columbus, Ohio, Blacks in the Reeb-Hosack Area, Department of Black Studies (W. E. Nelson), 15 November 1979 through 30 June 1980. (Project 762512 - New)
May 1, 1981 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)

$3,500.00 - Ohio Arts Council, Columbus, Ohio, Stage Production of Samuel Beckett's Plays: "A Pice of Monologue" and "Ohio Impromptu," Department of English (M. Beja and S. Gontarski) and Department of Romance Languages and Literatures (P. Astier), 1 February 1981 through 30 June 1981. (Project 762613 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 314,211.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants


$21,930.00 - Texas A & M Research Foundation, College Station, Texas, Formal Analytical Structure for Manned Systems Technology, Department of Industrial and Systems Engineering (R. A. Miller), 12 February 1981 through 15 December 1981. (Project 762598 - New)


$14,185.00 - Technicon Instruments Corporation, Tarrytown, New York, Trace Organic Analysis by a Combination of Optical and Electrochemical Methods, Department of Chemistry (R. L. McCreery), 1 April 1980 through 31 March 1982. (Project 762616 - New)

$13,596.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson and S. Balcerzak), 1 January 1981 through 31 March 1982. (Project 760617 - Continuation)

$12,000.00 - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1981 through 31 March 1982. (Project 760620 - Continuation)

$10,126.00 - Oregon State University, Corvallis, Oregon, Socioeconomic Analysis of Repository Siting, Department of Agricultural Economics and Rural Sociology (T. L. Napier), 1 January 1981 through 30 September 1981. (Project 762601 - Continuation)
May 1, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$6,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Electrocardiogram and Acute Pericarditis, Department of Medicine (P. K. Fulkerson and W. Wanner), 1 July 1981 through 31 December 1981. (Project 762603 - New)

$6,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Radionuclide Assessment of LV Function, Departments of Medicine and Radiology (T. M. Bashore) and Department of Medicine (D. J. Magorien), 1 July 1981 through 31 December 1981. (Project 762605 - New)

$5,405.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1981 through 31 December 1981. (Project 761460 - Continuation)

$2,991.00 - The University of Missouri, Columbia, Missouri, Modified Nucleosides in Plasma Cell Dyscrasia, Department of Preventive Medicine (M. L. Moeschberger), 1 January 1981 through 30 June 1981. (Project 762579 - New)

$1,000.00 - North Central Technical Institute, Wausau, Wisconsin, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 149,838.00

ENGINEERING EXPERIMENT STATION

Federal Sponsored Research and Development

$20,705.00 - federal funds for a development project under the direction of the Department of Welding Engineering.

State Sponsored Research and Development

$7,264.00 - two state agencies for two development projects under the direction of two separate departments of the College of Engineering.
May 1, 1981 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development

$148,279.00 - various industries for 34 development projects under the direction of seven engineering departments and research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$32,500.00 - The Dow Chemical Company, Midland, Michigan--$12,500.00 for Dow Research Fellowship; $10,000.00 for Dow Fellowship in Selective Oxygenation; and $10,000.00 for Endowed Professorship in Plant Protection.

$27,065.00 - Eli Lilly and Company, Indianapolis, Indiana--$20,065.00 for Infectious Disease Research Fund and $7,000.00 for Eli Lilly and Company Organic Chemistry Research Fund.

$15,115.00 - Bell Laboratories, Columbus, Ohio--$11,361.00 for Department of Computer and Information Science Chairman’s Discretionary Fund and $3,754.00 for Electrical Engineering Chairman’s Discretionary Fund.

$12,249.35 - The Refractories Institute, Pittsburgh, Pennsylvania, for Refractories Institute Research Fund.


$10,000.00 - Estate Under the Will of Jennings Neil Stanbery, Chicago, Illinois, as an undesignated gift to the University.

$10,000.00 - Synthes AG, CH-7002 Chur/Switzerland, for Hans Willenegger Residency in Veterinary Surgery.

$9,422.07 - Hans Willenegger, M.D., 3008 Bern, Switzerland, for Hans Willenegger Residency in Veterinary Surgery.

$8,940.00 - Children’s Hospital, Columbus, Ohio, for Retina Research Fund.

$8,168.09 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$8,158.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

$8,149.37 - Merry Makers Club, Columbus, Ohio, for Ohio State National Merit Scholarship Fund.
May 1, 1981 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)

$7,716.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

$7,500.00 - Foundation for Agronomic Research, Inc., Atlanta, Georgia, for Potash and Phosphate Institute.

$7,163.62 - Estate Under the Will of Hallie H. Winnette, Marion, Ohio, for Diabetes Research Fund.

$6,750.00 - Farmland Industries, Inc., Kansas City, Missouri, for Special NC-151 Fund.

$6,700.00 - Advanced Drainage System, Inc., Columbus, Ohio, for Overholt Drainage Education and Research Fund in Agricultural Engineering.

$6,500.00 - Capital City Products Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$5,503.88 - Friends of Emmy Eich-Seidel, Buchs 8107, Switzerland, for Richard L. Meiling Chair of Obstetrics and Gynecology.

$5,000.00 - Conoco, Inc., Ponca City, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

$5,000.00 - PPG Industries Foundation, Pittsburgh, Pennsylvania, for Affirmative Action Program in Engineering Fund.

$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

$5,000.00 - Total Communication Systems, New Kensington, Pennsylvania, for OSU Scholarship Fund.

Gifts-in-Kind

$20,244.94 - James P. Ross, Columbus, Ohio-($10,122.47) 1,333 shares of Wendy's International stock for Ohio State National Merit Scholarship Fund and ($10,122.47) 1,333 shares of Wendy's International stock for Milton Caniff Research Room.

$15,000.00 - Maureen Sturtz, Columbus, Ohio, six-year-old Quarter Horse gelding, Jus Blue.
Establishment of Named Funds

The Dr. Mars G. Fontana Endowment Fund

The Dr. Mars G. Fontana Endowment Fund was established May 1, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Mars G. Fontana.

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.

All income is to be added to the principal until the fund reaches $250,000. At that time eighty percent (80%) of the annual income is to be used to endow and/or augment a professorship in the Department of Metallurgical Engineering. Recipients shall at no time be a department chairman, dean, or person in a comparable administrative position, past or present. The remaining twenty percent (20%) of the annual income is to be added to the endowment fund principal.

Should the need for this fund cease to exist or so diminish as to provide insufficient funds to continue the endowed professorship, then the income is to be used as determined by the Board of Trustees to provide scholarships primarily for qualified and needy students in the Department of Metallurgical Engineering. Recipients are to be determined by the appropriate administrative official directly responsible for the College of Engineering and the Department of Metallurgical Engineering.

The Delos D. Wickens Lectureship Fund

The Delos D. Wickens Lectureship Fund was established May 1, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from former students, friends, colleagues and admirers of Professor Delos D. Wickens of the Department of Psychology, in his honor.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 the principal and both will be used to support a lecture series in psychology. Use of the funds will be designated by the Chairman of the Department of Psychology and approved 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 the scientific study of psychology.
May 1, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund

Dai Ho Chun Graduate Fellowship Fund

The Dai Ho Chun Graduate Fellowship Fund was established June 8, 1978 by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dai Ho Chun, Ph.D. '47, of Honolulu, Hawaii. Dr. Chun endowed the fund in honor of Dr. Harold Alberty, Dr. Boyd H. Bode, Dr. Edgar Dale, Dr. H. Gordon Hullfish, Dr. Ross L. Mooney and Dr. Louis E. Raths.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 graduate fellowships for College of Education students who have been admitted to candidacy for the doctoral degree. The selection of the recipients for the award will be made annually upon the recommendation of the Dean of the College of Education.

The purpose of the fellowship fund is to recognize, encourage and assist outstanding graduate students in education at The Ohio State University who demonstrate promise in contributing much to society.

Should the need for these 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 graduate education.

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PLANS AND SPECIFICATIONS

Resolution No. 81-118

Synopsis: Plans and specifications are being proposed for the following project.

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:
May 1, 1981 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

PAGE HALL, RENOVATION OF ROOMS 200 AND 220

Project: Repair of deteriorated plaster which is causing hazard to occupants of area; ceiling plaster falling in both rooms 200 and 220.

Funding: Budget Account 885158

Estimated Project Cost: $55,000.00

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 Administration 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 contract; and

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

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

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REPORT OF AWARD OF CONTRACT AND ESTABLISHMENT OF CONTINGENCY FUND

Resolution No. 81-119

Synopsis: A contract has been awarded for the project listed below to the lowest and best bidder in accordance with University procedures.

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Administration 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 a contract for the following project:

DERBY HALL, INSTALLATION OF SPRINKLER SYSTEM FOR FIRE PROTECTION

Description: Installation of complete automatic sprinkler protection in the Bookstore area of Derby Hall. The system is designed so that it can be enlarged to cover the entire building. This project is the final one in a series of partial sprinkler systems funded in the safety program approved and funded by the Ohio Board of Regents in October, 1975.
REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)

Mechanical Contract

Date Received: April 16, 1981
No. of Bids: 4
Low Bid: $33,500.00
High Bid: $45,940.00
Estimate of Cost: $56,000.00
Awarded to: Capital Fire Protection Co., Columbus, Ohio

Total Contract: $33,500.00
Total Contingency Allowance: $5,025.00 which is 15 per cent of construction costs
Total Project Cost: $44,715.00
Funding: Budget Account 885043 (Campus Safety Improvements) funds received Ohio Board of Regents

NOW THEREFORE

BE IT RESOLVED, That pursuant to the action previously authorized by the Board, the
award of a contract and the establishment of project funds and a contingency fund for the
project listed above are hereby reported.

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

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President Enarson:

The next action is the single most important action that is to be taken today
and if I may editorialize for a brief moment, one of the most important actions
that is to be taken in the entire period that I have been privileged to serve this
University. This is the specific recommendation that the administration be author-
ized to seek appropriate enabling legislation to effect the merger of the Ohio
Agricultural Research and Development Center into The Ohio State University
and, Mr. Chairman, I think you may wish to call upon one of your colleagues to
present this.
May 1, 1981 meeting, Board of Trustees

Mr. Galbreath:

This is an authorization to seek appropriate enabling legislation to effect a merger of the Ohio Agricultural Research and Development Center into The Ohio State University.

AUTHORIZATION TO SEEK APPROPRIATE ENABLING LEGISLATION TO EFFECT THE MERGER OF THE OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER INTO THE OHIO STATE UNIVERSITY

Resolution No. 81-120

Synopsis: Authorization to seek appropriate enabling legislation to effect the merger of the Ohio Agricultural Research and Development Center into The Ohio State University is proposed.

WHEREAS the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center have agreed upon the desirability of merging the Ohio Agricultural Research and Development Center into The Ohio State University; and

WHEREAS there has been agreement on the suggested wording of a legislative proposal to be presented to the 114th Ohio General Assembly which will effect said merger:

NOW THEREFORE

BE IT RESOLVED, That consistent with the principles agreed upon by the respective Boards and in furtherance of the objective of merging the Ohio Agricultural Research and Development Center into The Ohio State University, the University administration is hereby authorized and directed to seek the enactment of appropriate enabling legislation; and

BE IT FURTHER RESOLVED, That in the event the necessary enabling legislation is approved by the Ohio General Assembly and signed by the Governor, it shall be the intent of this Board that the phasing of the Ohio Agricultural Research and Development Center into The Ohio State University shall be in accordance with the Memorandum of Understanding between the University Board of Trustees and the Ohio Agricultural Research and Development Center Board of Control.

Mr. Galbreath moved the adoption of the above resolution which was seconded by Mr. Immke.

Dr. Jacob:

I might say that this was discussed by the Educational Affairs Committee this morning and we voted favorably on it.

The foregoing resolution was adopted by unanimous roll call vote.
May 1, 1981 meeting, Board of Trustees

MEMORANDUM OF UNDERSTANDING

Between the Board of Control
of the Ohio Agricultural Research and Development Center
and the Board of Trustees of
The Ohio State University

1. The Chief Executive Officer for the College of Agriculture and Home Economics, the Ohio Agricultural Research and Development Center, and the Ohio Cooperative Extension Service, which organizations include the College of Agriculture and Home Economics, the School of Home Economics, the School of Natural Resources, and the Agricultural Technical Institute, shall hold the title Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics and Natural Resources.

2. There shall be a Standing Committee on Agricultural Affairs appointed by the Board of Trustees of The Ohio State University, which committee shall include as its Vice Chairman the Director of the Ohio Department of Agriculture, ex officio with voting rights; and such other members as the Chairman of the Board of Trustees may designate.

3. The Ohio Agricultural Research and Development Center, as well as the Ohio Cooperative Extension Service, shall be authorized to continue receiving line item appropriations from the Ohio General Assembly through The Ohio State University. The Vice President for Agricultural Administration, as well as the Director of the Ohio Agricultural Research and Development Center and the Director of Ohio Cooperative Extension Service, shall be authorized to appear before committees of the Ohio General Assembly, as well as committees of the U. S. Congress, to defend budget requests and all other legislative matters which have received prior approval from the President of OSU and are in keeping with Board of Trustees' policy.

4. Accounts for financial activity shall be established for OARDC by the University in a manner that parallels the current OCES accounts. The Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources shall authorize all expenditures from the funds deposited with The Ohio State University for OARDC and OCES. The Vice President for Agricultural Administration will be accountable to the Board of Trustees of The Ohio State University through the Office of the University President for all expenditures which shall be in accordance with policies and procedures of OSU.

Appropriate OARDC accounts shall be established to receive all monies appropriated to and/or received by The Ohio State University on behalf of the OARDC from grants, contracts, sales of products or items generated by research operations, earned interest income on reserve funds, and any other monies received, including gifts received through the OSU Development Fund.

5. In keeping with the general practice of other U. S. land-grant universities and in accordance with federal and state guidelines, monies appropriated by the USDA, by the Ohio
MEMORANDUM OF UNDERSTANDING (contd)

General Assembly, by Boards of County Commissioners and/or other political subdivisions to OARDC and OCES to provide general support shall be excluded from University overhead assessments. This exclusion from overhead charges will include federal funds coming to OARDC and OCES from federal formula distributions, cooperative agreements, special USDA, and special state grants and projects for which indirect costs are not allowed by the funding agency.

Funds generated from sales of produce or other items incident to the OARDC research programs, from the land assigned by the State of Ohio, whether from agriculture, forestry, [gas, oil or minerals] shall be deposited in appropriate OARDC accounts. No OSU overhead assessment will be made on such earnings unless such assessments are fully justified and approved by the Board of Trustees.

6. Reporting to the Vice President - Agricultural Administration and Executive Dean - Agriculture, Home Economics and Natural Resources will be:

   a. Director, OARDC
   b. Director, OCES
   c. Dean, College of Agriculture and Home Economics
   d. Director, School of Home Economics
   e. Director, School of Natural Resources
   f. Director, Agricultural Technical Institute

   It is recognized that these titles and responsibilities may change pursuant to alterations in goals and programs.

7. Faculty paid any or all of their salary from OARDC or OCES funds shall be recognized as tenure track OSU faculty, with attendant rights and privileges of tenure, as well as potential for appointment and promotion to assistant professor, associate professor, and professor. Further, in the case of the OARDC, the criteria for promotion and tenure are to be based on research accomplishments and productivity if the OARDC is the major source of continuing salary support, or on Extension educational accomplishments and productivity if the OCES is the major source of continuing salary support.

8. The motor vehicle fleet of the OARDC shall be operated under supervision of the OARDC Physical Plant Department and the Vice President for Agricultural Administration, subject to policies of The Ohio State University.

9. All research grants and contracts to individual investigators or groups of investigators who are housed at Wooster or at OARDC Outlying Branches, will proceed through review and final approval by the Director, OARDC, and the Vice President for Agricultural Administration before proceeding through the usual University administrative review. Via joint appointment, OSURF (Ohio State University Research Foundation) representation will be developed at OARDC to stimulate interest in and to assist and expedite the internal review processes for individual grants and contracts before submission to outside agencies. Equitable policies shall be developed, mutually agreeable to OARDC and OSURF, with respect to
the assignment of indirect cost recovery for projects carried out at OARDC facilities or
accomplished in shared OARDC and other OSU facilities. Because of uncertainties in
federal requirements for computing indirect cost rates and the manner in which research is
costed at various locations, it is agreed to assess this issue for equitability two years hence.

10. Federal formula funding, shall be apportioned, as in the past, between the College
of Veterinary Medicine at The Ohio State University and the Department of Veterinary
Science at the OARDC and shall continue to support research into the causes, prevention,
and control of diseases among farm animals and poultry.

11. All OARDC faculty, administrative and professional staff, and classified employees
shall be appointed at The Ohio State University at the same or equivalent rank and tenure
status as presently held at the OARDC. Appointments at OSU shall be made within the
classification system used by the University, but in no case shall any individual be reduced
in salary or status as a result of this action.

12. The present OARDC policy of designating research scientists, with 50% or more
OARDC appointment, to undertake assigned research duty at locations or institutions
other than their home department shall be continued on the basis that the College of
Agriculture and Home Economics research scientists with 50% or more OARDC salary
commitment over the prior six years can be away from their Ohio duty posts for six months
at full salary or twelve months at half salary under the long-standing practices of assigned
research duty at the OARDC and the OARDC shall pick up their total salary during such
periods of duty.

13. The Vice President for Agricultural Administration shall report to the President of the
University for all administrative and fiscal affairs and to the Provost of The Ohio State Uni-
versity for academic affairs, including appointment, tenure, and promotion of all faculty.

14. Without detracting from the authority or responsibility of the Vice President for
Agricultural Administration and/or the Director, OARDC, and the Director, OCES, all of
the foregoing operations shall be undertaken in cooperation with and in consonance with
University rules as delineated by the OSU Board of Trustees and administered by the
President of The Ohio State University.

15. The functions implicit in maintaining physical plant, business affairs, statistics labora-
tory, library, research operations, and public information shall continue at the OARDC,
responsible to the Vice President for Agricultural Administration through the Director of
the OARDC. These functions will be coordinated with appropriate offices on the Columbus
campus.

16. In recognition of operating procedure differences between The Ohio State University
and the Ohio Agricultural Research and Development Center, fiscal 1981-82 shall be con-
sidered a year of transition.

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May 1, 1981 meeting, Board of Trustees

REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION

President Enarson called on Dr. Wall and Dr. Fass to present a report for the Medical Research and Development Foundation.

Dr. Wall:

Mr. Devenow and members of the Board, we are nearing completion of the second year of the Medical Research and Development Fund Board which was created as part of the Practice Plan Agreement of March 2, 1979. The function of this Board, as you recall, was to serve as agent to facilitate and monitor the functions of the departmental practice plan which has been approved by the department, by the dean, and by the practice plan committee. Elections were held after this settlement to decide who the six faculty members would be. They were Dr. Ronald Berggren and myself for three years; Dr. James Kilman and Dr. Fass for two years; Dr. David Kelly and Bob Weber for one year. We held our first meeting July 12. We have had eight meetings and, while it may sound terribly boring, I'd like to just hit the highlights of some of them if I may.

At this first meeting, the articles of incorporation and code of regulations and certification of registration for the State of Ohio and appointment of the statutory agent were distributed. Officers were elected, who were Dr. Fass, treasurer; Robert Weber, secretary; myself as president and chairman. We then appointed two committees; one, an executive committee being the elected officers and Dean Henry Cramblett; the finance committee being the treasurer, Dr. Fass, Vice President Vandament, and Dr. James Kilman. I have sat in on that finance committee ex officio so that we would have some continuity. After the discussions and some minor changes in the code of regulations, they were unanimously accepted. At that time, as a group of amateurs (being a sort of polyglot of medical and surgical disciplines and University administrators) at the helm, the Board was launched, and we realized that we probably needed a great deal of professional expertise, especially in the fields of accounting and law. We heeded President Enarson's original plea that we stick to a bare bones operation. This was not difficult to achieve because we had no operational funds whatsoever, and we were going on a promise, so to speak: Dr. Vandament did offer at that first meeting support for a part-time staff person to be hired at some later date, which was considerably later.

We then held another meeting in September, 1979. No departmental plans had been approved at that time that we could function with. The departments had formed their plan and were starting to form their own accounts so that they could keep the money in escrow until such time as the accounts and organizational programs were formed. It was discussed and agreed that there were a lot of things that had to be hacked over, but one of the things that was emphasized was that there would be no charges made against the departments by anyone unless it was a part of the expense for enrichment plans developed by the departments and approved by the dean and the practice plan. It became apparent right away that permission had to be delegated to the finance committee to function in an interim basis so that we could keep moving, and this was delegated so that we could proceed with exploring banking facilities and possibly getting staff help.
The third meeting was held a few months later in November, and we had at that
time obtained an IRS number and agreed to establish our accounts at the bank on
a six month trial basis. We also started to arrange the paperwork to facilitate
getting co-signatures from the departmental representatives. By this time, 11
departmental plans had been approved.

We held another meeting a couple months later in January, 1980, and by that
time rather extensive bank forms had been completed and signature cards were
obtained. Prior to the opening of the bank accounts, departmental funds had been
held in individual bank accounts and were then being transferred to our now open
account so it could all function through one area. A number of personnel correc-
tions were necessary in University rotaries; funding the situation for those that
were now included in the practice plan had to be adjusted. Dr. Vandament said he
would make a special effort to do so with Assistant Dean Huddleston of the
College of Medicine to see that these were adjusted. At this time no staff had been
hired so the work was still being done by the amateurs.

The fifth meeting was held April 3. At that time we had been fortunate in ob-
taining a young man who was a student about to graduate and had had some
experience working here—Bob McMullen has been invaluable in assisting us. His
employment was arranged by Dr. Vandament. By March 6, 1980, practically the
anniversary of the time of settling, the bank accounts were opened, the 13 depart-
mental subaccounts named MRDF accounts were functioning. Dr. Fass, our
treasurer, will discuss and give you details if you wish and answer any questions
you might have. It was sort of resolved by the committee at that time that we
ought to have some working guidelines on how this thing should work, so this was
delegated again to the finance committee to come up with a procedure which was
later accomplished. Dr. Vandament at this time also—to correct some problems
that might have arisen in the enrichment situation—proposed that the Presidents
Club memberships of certain people be ‘grandfathered’ when they had previously
been partially paid under a situation of enrichment so that it would be credited
to solve the problem, so there were a number of people involved in that situation.

We held the first meeting of our general membership in May and obviously had to
elect new members again because the year had passed. Dr. Atis Freimanis and
David Kelly were elected. We needed to take some nominees from the practice
plan committee as well as floor nominees.

A week or so later, the sixth meeting of the MRDF was held. The finance commit-
tee was authorized at that time to engage an auditing firm to audit the MRDF, and
legal counsel was selected. The MRDF reelected the chairman and the treasurer
and elected Dr. Freimanis as secretary at this time. The finance and executive
committees were kept intact as they had been the first year.

The seventh meeting—a fair amount was accomplished. By this time we were
getting a few things done. Essentially, as most of these things have been a report
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REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)

Dr. Wall: (contd)

of the finance committee, we had applied and received tax exempt status with the IRS, we had been audited by our auditor, and they had made some suggestions for correcting certain things that would protect the tax exempt status. Variances were noted in 1979-1980 academic enrichment commitments in a few departments and were reported to the Dean of the College of Medicine for resolution. We presented a policy and procedure manual. It was approved and distributed to the departments. We also developed guidelines for the utilization of MRDF departmental accounts, and this was approved and distributed. We developed a uniform format for the preparation and submission of departmental enrichment plans, and this was approved and distribution made to the departments. It's amazing the amount of bureaucracy and paperwork we have generated with one part-time employee.

Certain changes in the enrichment plan, I would comment on—the form of the tax exempt status would be minor and would only apply to a couple of the departments and have since been corrected. The details of these, Dr. Fass will discuss.

The Board again delegated to the finance committee the authority to make any adjustments in keeping with our auditor's suggestions. The practice plan reported at that time that three departmental practice plans had not been submitted for the dean's approval. We then moved to give Robert McMullen, our staff employee, a bigger title, but I don't think he got a raise. I think he was made Executive Secretary of the MRDF; it was really functional for better correspondence; he receives more attention than previously.

The eighth meeting was held yesterday. The treasurer reported on an update of the MRDF, the quarterly and fiscal financial reports. It was reported that the acting dean had approved the final three departmental plans. To complete this report, I will ask Dr. Fass, if he will, to bring you up to date on where we are fiscally. Any questions you may have, I will try to answer them.

Dr. Fass:

Thank you. The first fiscal year, namely fiscal year 1979-1980, the total budget for the whole department (the departmental practice plans)—and these are in rounded figures—is $1.8 million. Our income the first year included $800,000 in credits as money expended towards these plans prior to the opening of the bank accounts plus $900,000 in cash. Other income generated included $9,000 investment income on balances maintained through the bank. Expenditures included the $800,000 in credits which had already been expended; $300,000 in withdrawals; and as of June 30, 1980, on the balance in the central bank account was approximately $600,000. Our total expenses for the first operating year as Dr. Wall already alluded to were all under a total of $830. The audit was accomplished by Price Waterhouse, and they found that all the books and expenditures and accounts were in order. The first reports of fiscal year 1980-1981, most
May 1, 1981 meeting, Board of Trustees

REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)

Dr. Fass: (contd)

practice plan programs and budgets remain similar. Income in the first three quarters of the current fiscal year is $1.8 million, withdrawals $1.9 million, investment interest $50,000, expenses $452. We have a balance in our central account, as of March 31, of approximately $500,000.

Dr. Jacob:

I'd like to ask Vice President Cramblett; are there any department plans that have not been approved as of this date?

Dr. Cramblett:

I think we better direct that to Dr. Fass because the Vice President for Health Sciences, when this was written, was not included administratively. The question was, Bob, has the dean approved all 13 plans? I think you said earlier that he had.

Dr. Fass:

The first fiscal year of operation, every department had an approved practice plan. The current fiscal year, there are still three plans that have not finally been approved. It is my understanding that they are in the process. In some of these the problems with the delay related to major changes within the department in terms of faculty leaving or not getting as many as possible and so some of these delays were based on those kinds of reasons.

Dr. Wall:

I think it should be stated, however, that despite the fact that these plans are not totally approved within the functional system of approval, the asking for funds has continued on the basis of the previous year's funds.

Dr. Jacob: As if they had been approved.

Dr. Vandament:

At this point certainly each of the three departments has submitted a plan, and they're operating under the assumption that it will be accepted. We're simply waiting now for some of the red tape of getting all of the approvals. You will recall, the department chairman had to approve the plan, the dean, and the practice plan committee. I might note that in this first two years of operation, one of the functions of the Medical Research and Development Foundation Board was to have been that of adjudicating any difficulties or any disagreements that might arise when a plan was not approved by all parties, and to this date, we have not yet had one plan referred to us. The departments, the dean, and the practice plan committee have all been able to reach agreement on all the plans.
May 1, 1981 meeting, Board of Trustees

REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)

Mr. Galbreath:

Mr. Chairman, do you foresee or envision that we will get an update on how this is all working annually or are we just going to get this one update, and then assume that it goes well or what is the kind of a system that might work on this?

Dr. Wall:

By the practice plan agreement there is supposed to be an annual report. We are early for this year and late for last year. We didn’t have anything really accomplished.

Mr. Devenow: Dan, their fiscal year is June 30, right?

Dr. Wall: That’s right.

Mr. Devenow:

We’ve examined their three quarters, and I think that the presentation—I agree with you—should be made annually at the end of their fiscal year.

Mr. Galbreath:

Well, I guess the reason I’m bringing it up—because of the sensitivities, even though it seems to be going well—I’d like to request that when the last three departments have it in place, let’s don’t wait until the next year to get that report. Could you give us an interim report? I realize that it’s a technical thing, but in the community as some of us are, I think it would be better for us to communicate that way.

Dr. Vandament:

The delay on the report of the prior fiscal year was related in part to the fact that we were going back and forth with auditors and attempting to establish the report format, the reporting practices—go back retrospectively with our accounting system—to make sure that it was consistent with the auditors, while with the accounting firms recommendations. For coming years I think there will be no problem at all in issuing timely reports.

Mr. Galbreath:

Well, my question stems clearly from the fact that you say it is a ‘red tape’ problem. Mine is not one of pressure, mine is one of information. I think it would be helpful, at least to me, to know when the last three are in place.
May 1, 1981 meeting, Board of Trustees

REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)

Dr. Vandament:

I might add that I have spent a great deal of time, as you might have guessed, with the gentlemen here over the course of the last year and one-half. We've had to go into incredibly detailed technical work to bring into a uniform method the flow of funds and to establish the organization and all of the procedures. Everyone has worked quite hard at it. It has been complicated, but I think also it's been a very rewarding experience for us as well.

President Enarson:

I also think that the next time that the Board puts this matter on the agenda, there needs to be a report from the College of Medicine with respect to what the academic enrichment plans are doing in the way of enrichment; both the actual results and the sense of the situation.

Mr. Devenow:

We've heard those recommendations, Dr. Vandament, and let's see if we can button it up for the Board so they are kept abreast. Any other questions? Thank you, Dr. Wall and Dr. Fass, very much for your presentation.

INTRODUCTION OF USG OFFICER

President Enarson:

Yes, I think at this time—I hope Bill Nester won't be too startled—would you take upon yourself the pleasure of introducing Eric to the group?

Dr. Nester:

I'd be happy to. A strong tradition has emerged in recent years of outstanding student leadership in key government positions within the University. Because of class conflicts, Eric Seabrook, who is the Vice President for Undergraduate Student Government, was not able to be here. He is cut in the mold of his predecessors—he is bright, articulate, and dedicated. I would like to present Eric Seabrook at this time.

Mr. Seabrook:

Good afternoon. Basically, I would like to take this opportunity to express the hope of Robert Pritchard, President of the Undergraduate Student Government, and myself that we can continue to carry on the tradition as set down by our predecessors, Rick Ricketts and Paul LaRue, and hopefully we'll have beautiful relations over the coming year. Thank you.
INTRODUCTION OF USG OFFICER (contd)

President Enarson:

I might say to the Board that I've had the opportunity to at least begin to get acquainted with Bob Pritchard and Eric, and I can assure the Board that our Undergraduate Student Government is graced with two very fine, very able, very promising, very dedicated young men.

Dr. Jacob: It's been a pleasing change over the years.

President Enarson: No comment. That concludes my report.

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TRIBUTE TO PATRICIA D. JAMES

Mr. Devenow:

We have a task to perform here and I have mixed emotions about it. One is that I am sure Patty is relieved to get all these problems behind her. On the other hand, I am sure that we will all miss her. Her term is up as of this meeting and we--May 13 I think is the actual date, Patty--and we'll miss her very much. I have been on the Board with her for many years, and I have developed a tremendous respect for her insight, for her ability to get her hands on serious problems and find solutions, and I think she'll be a great loss to us; on the other hand, I am sure she is very relieved that she will no longer have to face many of these problems. As a result of that, Pat, we have here two gifts for you. One is the gavel that reads as follows:

PATRICIA D. JAMES

IN APPRECIATION OF HER SERVICE
TO THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY
MEMBER 1972-1981
CHAIRMAN 1979-1980

We present this to you. In addition, Pat, there is a gift of a Gorham Revere bowl which is engraved.

IN RECOGNITION OF OUTSTANDING SERVICE TO HER
ALMA MATER AS A MEMBER OF THE
BOARD OF TRUSTEES,
1972-1981,
THE OHIO STATE UNIVERSITY
CONVEYS TO
PATRICIA D. JAMES
ITS DEEP APPRECIATION AND GOOD WISHES
May 1, 1981 meeting, Board of Trustees

TRIBUTE TO PATRICIA D. JAMES (contd)

Mrs. James:

For the first time, I guess, in nine years I am speechless. They have been threatening me all morning, 'No tears,' but I think I am going to exercise my prerogative as a female and cry anyway. All I can say is that it's been a tremendous journey for me. It's been quite an experience, a learning experience, and a growth experience. I came back to the University after an absence of 15 years. I left here as a wide-eyed student, an idealistic student, never dreaming that I'd ever come back in this capacity. I've certainly appreciated the opportunity to serve--this place really grows on you. I am eternally amazed at the dedication and the commitment to this University that you find wherever you go. It doesn't matter if it's students, alumni, faculty, administration; everybody is so devoted to this University that it is catching. I often have thought that sometimes we get bogged down in routine with resolutions, reports and so on. But when you really stop and take a look back as your term ends--and I am sure you all will go through this--you realize that all of that paper and all those resolutions and plans translate to things--to buildings, to programs, to colleges; and those things then transfer into serving people. And I think the most poignant thing that brings it home to me--that we are serving people--is when you go to commencement and see the joy on the faces of our graduates four times a year and when you see tears in the eyes of mothers and fathers and wives and members of the graduate's family. I certainly have found that it has been quite an experience for me--one that I'll never forget--and I'm sure that my family will never forget. I certainly have appreciated getting to know each and every one of you and I'll miss you; I'll miss you all terribly, but I'm sure we'll see each other again. Thank you.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 81-121

RESOLVED, That the report on the University's Investment Portfolio, dated April 17, 1981, 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 11, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott           Chester Devenow
Secretary                  Chairman

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APPENDIX IV

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 12, 1981
Recipients of Honors

Richard J. Anderle
Doctor of Science

Distinguished scientist and public servant, Richard J. Anderle is recognized internationally for his singular contributions to satellite geodesy. His innovative research brought new precision to the measurement of the earth's gravitational field and greatly increased the accuracy of positioning on the earth, in the air, and at sea. As an architect of the Navy Navigational Satellite System and the Space Surveillance System, he provided exceptional leadership for programs critically important to this nation and earned the deserved recognition of government. His scientific achievements have advanced the frontiers of knowledge. The Ohio State University is honored to honor him for his many contributions to science and to his country.

Eileen Heckart
Doctor of Humane Letters

The Ohio State University acclaims Eileen Heckart's distinguished achievements in the performing arts and rejoices that one of its own has contributed so much to the American theatre. A truly exceptional artist, she brings unusual flair and insight to every role. Widely honored for her excellence as an actress, she has received the Outer Circle, Donaldson, and New York Drama Critics Awards for theatre; Emmy and Sylvania Awards for television; and an Oscar for her work in films. Through the years she has retained a special place in her life for her alma mater and has shared her time and talent generously to further theatre at this University. Eileen Heckart personifies the highest standards of her profession and the finest traditions of The Ohio State University.
Audrey P. Enarson  
Distinguished Service Award  
As "First Lady" of The Ohio State University, Audrey P. Enarson has contributed immeasurably to the advancement of this institution and to the creation of good will on its behalf. She has represented Ohio State with unusual sensitivity and skill. She has shared her life generously with others, through a wide range of campus, community, and national groups. Her record of service is impressive. Yet her lasting contribution to this University may best be found in the warmth of personality and the concern for people that made her a superbly effective partner in the leadership of Ohio State.

Harold L. Enarson  
Doctor of Humane Letters  
As history will record, The Ohio State University has been served exceedingly well by Harold L. Enarson. During his nine years as President, he shaped the spirit and mission of this University in lasting ways. Today, Ohio State's programs are stronger and its reputation more eminent than ever before. To the Presidency he brought an incisive mind and firm hand, common sense and compassion, unswerving integrity and high purpose. An articulate and courageous spokesman, he presented issues in sharp focus and gave Ohio State a national voice. He is one of the nation's outstanding academic leaders, widely respected for his commitment to excellence and honored for his contributions to higher education. The Enarson Years have made Ohio State a finer University, and for this, all citizens of Ohio are in his debt.
The Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Shirley Jeanette Adams, Jamestown, N.Y.; B.A. (State University College at Oswego); M.A.; Education; Dr. Gilbert A. Jarvis

Janice Turk Atkins, Belle, W.Va.; A.B., (Oklahoma Baptist University); M.S. (Marshall University); Education; Dr. Albert J. Nusbaum

Janice Turk Atkins, Belle, W.Va.; A.B., (Oklahoma Baptist University); M.S. (Marshall University); Education; Dr. Albert J. Nusbaum

Afiong Emmanuel Akpan, History of Art; Dr. E. V. Chace (University of Wisconsin); Dr. W. E. Haggart, Dr. J. W. Bowden

Ghana, West Africa; B.A. (Ahmadu Bello University); M.A., (National Taiwan University); Dr. Charles L. Hsu

Alexander Wilson Arthur, Ajumako, Ghana, West Africa; B.A. (University of Illinois); A.B., (National Taiwan University); Dr. Charles L. Hsu

Denis Sewa Amara, Freetown, Sierra Leone; B.Sc. (University College); M.S. (University of Illinois); Agriculture; Dr. Robert H. Miller

David Milton Armstrong, Columbus; B.S., M.S.; Interdisciplinary: Neuropathology, Veterinary Pathobiology, Pathological Chemistry, Anatomy; Dr. Leonard L. Lees

David Milton Armstrong, Columbus; B.S., M.S.; Interdisciplinary: Neuropathology, Veterinary Pathobiology, Pathological Chemistry, Anatomy; Dr. Leonard L. Lees

Daniel Olanjuyan Babatola, Oko-Kwara State, Nigeria; B.A. (Ahmadu Bello University); M.A. (Ohio University); History of Art; Dr. R. Bruce Shaw

Daniel Frank Bakos, Carrollton, Ga.; B.M., M.M. (University of Cincinnati); Music; Dr. William Poland

Bevverly Baez, Columbus; A.B. (Wilmington College); M.S.W. (University of Missouri); Art Education; Dr. Kenneth Marantz

Masomeh Belgun Behrouz, Tehran, Iran; B.Sc. (Jondi Shapour University); M.Sc. (Pahlavi University); Horticulture; Dr. Jean B. Geisman

Patricia Ann Blair, Los Angeles, Calif.; B.S. (University of California at Riverside); Chemistry; Dr. Harold Shechter

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Sumomlya Tamavimok, Bangkok, Thailand; B.Ed. (Chulalongkorn University); Education
Aiji Tanaka, Tokyo, Japan; B.A. (Waseda University); Political Science
Mary Ann Tenza, Worthington; B.A.; Education
James B. Thomas, Syracuse, N. Y.; B.S. (Georgia Institute of Technology); Economics
Joyce Lynne Timmons, Springfield; B.A. (Capital University); Education
Jen Mark Tisone, Youngstown; B.S.; Education
Jennifer Messick Toge, Kenton; B.S.Ed.; Education
Toshiko K. Townley, Nagoya, Japan; B.A. (Aichi University); East Asian Languages and Literatures
Edwin Dean Townsend, Eaton; B.S. (Miami University); Education
Robert Douglas Tracy, Columbus; B.S. (University of Illinois); Public Administration
Nancy Maria Traini, Columbus; B.S.Ed.; Education
Pamela Jill Tremaine, Columbus; B.F.A. (Miami University); Art Education
Timothy J. Triech, Dayton; B.A. (Ohio University); Education
Pan-Iong Tsai, Changhua, Taiwan, R.O.C.; B.A. (National Taiwan University); Economics
Phonthiph Uaykist, Ratburri, Thailand; B.Ed. (Sri Nakbinwiro University); Education
Judy Lois Van Kirk, Columbus; B.S.Ed.; Education
Sally Freeman VanMeter, Fresne, Calif.; B.A. (Fresno State College); Political Science
Joe Veefer, Amsterdam, Netherlands; B.S. (Wright State University); Public Administration
Catherine Ann Veselenak, Byesville; B.S. (Ohio University); Education
Ernestine Ruth Vian, Reynoldsburg; B.A., B.S.Ed.; Education

Nancy Elizabeth Vita, Worthington; B.S.Ed. (Ohio University); Education
Carl M. Vogelhuber, Dayton; B.Liberal Studies (University of Oklahoma); Education
Frederick Joseph Von, Jr., Belmont, Mass.; B.S. (State College at Fitchburg); Physical Education
Christine VonIns, Millersport; B.Mus.Ed.; Education
Helen Harris Walker, Haverford, Pa.; B.S. (University of North Carolina at Greensboro); Dance
John Robert Walter, Springfield, Va.; B.S. (Virginia Polytechnic Institute and State University); Economics
Eva Weiss, Columbus; B.S. (University of Cincinnati); Education
Marsha K. Weston, Marion; B.A.; Education
Michael D. Wilkinson, Columbus; B.A. (The College of Wooster); Public Administration
Edward Charles Woodman, Gahanna; B.S.Ed.; Education
Donald Ray Yates, Dayton; B.S.Ed.; Physical Education
Michael Kamal Youssuf, New York City, N.Y.; B.S. (State University of New York at Brockport); Dance
Peter Edward Zappala, Hanover, N. H.; B.S. (University of New Hampshire); Physical Education
Melissa Zarich, Youngstown; B.S.; Education
Joanne Marie Zwicke, Parma; B.S.Ed.; Education

Master of Business Administration
Ronald James Albaugh, Gnadenhutten; B.S. (Kent State University); Business Administration
Gary L. Alessio, Upper Saddle River, N. J.; B.A. (Wittenberg University); Business Administration
James Reid Allan, Hudson; B.A. (DePauw University); Business Administration
Jeffrey W. Anderson, Maumee; B.A. (Miami University); Business Administration
Kenneth L. Barton, Westerville; B.S.I.S.E.; Business Administration
Faith Elizabeth Bauer-Tomich, Columbus; B.S.; Bus.Adm.; Business Administration
Gary Beegle, Wooster; B.S.Agr.; Business Administration
Charles E. Bennett, Columbus; B.S.B.A. (Franklin University); Business Administration
Ralph Edgar Best, Columbus; B.S.E.P., M.S.; Business Administration
Marko Boh, Worthington; B.Bus.Adm.; Business Administration
Richard Lee Burrow, II, Worthington; B.S.Bus.Adm.; Business Administration
Eric K. Busch, Tiffin; B.A.; Business Administration
Peter George Cassanos, Newark; B.A. (Hannover College); Business Administration
Eloy A. Castroverde, Columbus; B.S. (University of Tennessee); Business Administration
James L. Clever, Dublin; B.S. (Miami University); Business Administration
Howard Kruger Cohen, Columbus; B.A. (University of Delaware); Business Administration
H. Dean Conley, Columbus; B.A.; Business Administration
Janice Marie Crews, Columbus; B.S.Bus.Adm.; Business Administration
Richard J. Cummings, Pickerington; B.S. (Franklin University); Business Administration
Charles Henry Dankworth, Columbus; B.A.; Business Administration
John W. Daugherty, Granville; B.S.E.E. (University of Akron); M.S.E.E.; (Northeastern University); M.S., Ph.D.; Business Administration
Robert Camiel De Clerck, Jr., Rochester, N. Y.; B.S. (State University College at Fredonia); Business Administration
Philip Anthony Dillin, Lodi, Calif.; B.A. (San Francisco State University); Business Administration
Mattie Delrose Evans, Birmingham, Ala.; B.S.; Business Administration
Gary Lyn Finckel, Newark; B.S. (United States Merchant Marine Academy); Business Administration
Violet M. Gallagher, Worthington; B.S. (Kent State University); Business Administration
Craig Alan Giff, Columbus; B.S.Bus.Adm.; Business Administration
Marcie Ann Golden, Columbus; B.A.; Business Administration
Richard Perry Gordon, Charleston, W. Va.; B.S. (West Virginia University); Business Administration
Timothy Johnson Green, Cambridge; B.S.; Business Administration
Robert Evans Grossman, Columbus; B.S.; Business Administration
Jane Patricia Hack, Cincinnati; B.S. (Saint Louis University); Business Administration
Daniel M. Hague, Worthington; B.S. (Virginia Polytechnic Institute and State University); Business Administration
Kenneth William Hever, Cincinnati; B.S. (Indiana Institute of Technology); Business Administration
Colleen Irene Janick, Columbus; B.S. (University of Illinois); Business Administration
Vikram B. Jayasimha, India; B.Tech. (University of Madras); Business Administration
Maribeth Brennan Jette, Columbus; B.S. (Central Connecticut State College); Business Administration
Rosa M. Jones, Rochester, N. Y.; B.A. (Shaw University); Business Administration
Clyde Conby Kahri, Mt. Vernon; B.A. (Cornell University); J.D.; Business Administration
Emil C. Kwacza, Cleveland; B.A.; Business Administration
Pin Toong Lam, Singapore; B.Sc. (Indiana University); Business Administration
William V. Lazar, Delaware; B.S.E.E. (University of Pittsburgh); Business Administration
William Stanley Lisle, Columbus; B.S.; Business Administration
Dustin J. Macgregor, Minneapolis, Minn.; B.A. (University of Minnesota); Business Administration
Theresa Jean Magie, Chicago, Ill.; B.S. (Purdue University); Business Administration
Arun Malhotra, Delhi India; B.Tech. (Indian Institute of Technology); M.S. (State University of New York at Stony Brook); Business Administration
Rodney James McQueen, Worthington; B.A. (Monmouth College); Business Administration
Marilyn Albright Michael, Delaware; B.A. (Meredith College); Business Administration
Patrick J. Moskos, Southgate, Mich.; B.S.A. (University of Michigan); Business Administration
Michael Wright Murphy, Columbus; B.B.A. (University of Notre Dame); Business Administration
David Paul Nelson, Rocky River; B.A. (Hillsdale College); Business Administration
Ronald S. Ohmer, Columbus; B.A.Jour.; Business Administration
Carol Marsh Porter, Fairview Park; B.A. (Miami University); Business Administration
Burton L. Preston, Mansfield; B.S.E. (University of Michigan); Business Administration
Susan Dee Prosek, Fremont; B.S., Bus.Adm. (Bowling Green State University); Business Administration
Paul Warner Railback, Centerville, Ind.; B.S., M.S. (Indiana University); Business Administration
James Alan Remnant, Parma Heights; B.A. (College of Wooster); Business Administration
Linda Orlandy Ringa, La Grange, III.; B.A. (DePauw University); Business Administration
Mukesh Rustagi, New Delhi, India; B.Tech. (Indian Institute of Technology) M.S. (Business Administration
Thomas Patrick Ryan, Columbus; B.S.; Business Administration
David A. Schluar, Louisville, Ky.; B.S.Bus.Adm.; Business Administration
Mark Alan Schmaltz, Wapakoneta; B.S. (Bowling Green State University); Business Administration
Joseph Vernon Schultz, Columbus; B.Mus., M.Mus. (Bowling Green State University); Business Administration
Floyd Shepherd, Columbus; B.S. (University of Akron); Business Administration
Gerald R. Smith, Worthington; A.B. (University of South Dakota); Business Administration
Gary Matthew Solomon, Painesville; B.S. (Bowling Green State University); Business Administration
John Suciu, III, Centerville; B.S.E.E. (Carnegie Mellon University); M.S.M.E. (University of Washington); Business Administration
William Chak Lam Saeto, Lexington; B.S.; Business Administration
Joseph A. Taglia, Columbus; B.S. (Franklin University); Business Administration
Rajeev Kumar Tantia, Calcutta, India; B.Eng. (Birla Institute of Technology and Science); Business Administration
Daniel M. Torchio, New Kensington, Pa.; B.S. (Pennsylvania State University); Business Administration
Roger Allen Vaughan, Upper Arlington; E.A. (Kenyon College); Business Administration
Severino B. Vergara, Calamba, Laguna, Philippines; B.S., M.S. (University of the Philippines); Business Administration
Mark Edward Weinrich, Columbus; B.S.Bus.Adm.; Business Administration
Bruce Douglas Wilson, Ravenna; B.A. (Ohio Wesleyan University); Business Administration
Robert M. Welin, Hewlett, N. Y.; B.S. (University of Maryland); Business Administration

Richard J. Wuehler, Versailles; B.S.; Business Administration

David G. Wunderlin, Hood River, Ore.; B.A.; Business Administration

Constantine Steve Yannias, Addison, Ill.; B.S.Bus.Adm.; Business Administration

William R. Yeack, Whitehouse; B.S.Bus.Adm.; Business Administration

Daniel Lee Yenter, Ashland; B.S.M.E. (General Motors Institute); Business Administration

Nada Rankovic Yost, Kraljevo, Yugoslavia; B.S. (Franklin University); Business Administration

Larry A. Zimmerman, Upper Arlington; B.A. (University of North Dakota); Business Administration

Master of Fine Arts

Robbin Nulini Jean Bhatia, Pullman, Wash.; B.A. (Washington State University); Art

Michael T. Gross, Mt. Prospect, Ill.; B.F.A. (University of Wisconsin at Whitewater); Art

Christopher J. Merritt, Columbus; B.A.; Theology

Sue Carroll Powner, Worthington; B.F.A.; Art

Karen Dee Tuss, Dayton; B.F.A. (Miami University); Art

Master of Health Administration

Charles Edwin Amsley, Westerville; B.S., M.A. (Central Michigan University); Allied Medical Professions

David Jeffrey Arnold, Austintown; B.A. (Hiram College); Allied Medical Professions

Richard Regan Bannick, Bellevue, Wash.; B.A. (University of Washington); Allied Medical Professions

Joseph A. Barylak, Columbus; B.S.; Allied Medical Professions

Deborah Lynn Dorsky, University Heights; B.S. (Michigan State University); Allied Medical Professions

Joseph George Fakiner, Columbus; B.S.Bus.Adm.; Allied Medical Professions

Sue Kate Foster, Greensburg, Pa.; B.A. (College of Wooster); Allied Medical Professions

Robert John Gilbert, Rumford, Me.; B.A. (University of Maine at Orono); Allied Medical Professions

David Lee Hoff, Ann Arbor, Mich.; B.S. (The University of Michigan); Allied Medical Professions

Judith Ellen Knechtges, Grafton; B.S. (Ohio Northern University); Allied Medical Professions

Barbara Ruth Kupetzky, Baltimore, Md.; B.A. (University of Maryland); Allied Medical Professions

Thomas Lee Kyllo, Bloomington, Minn.; B.A. (Concordia College); Allied Medical Professions

James Michael Lee, Louisville, Ky.; B.A. (University of Kentucky); Allied Medical Professions

Thomas Alan Moser, Columbus; B.S.Bus.Adm.; Allied Medical Professions

David Clark Neff, Columbus; B.S.; Allied Medical Professions

Kenneth Robert Steele, Shelby; B.S.Bus.Adm.; Allied Medical Professions

Gerald Matteusz Szkotnicki, Buffalo, N. Y.; B.S. (University of Rochester); Allied Medical Professions

Janet Yaniglo, Youngstown; B.S. (Youngstown State University); Allied Medical Professions

Master of Labor and Human Resources

James William Kuhn, Columbus; A.B. (Kent State University); Labor and Human Resources

Jacqueline Lee Mercier, Champaign, Ill.; B.S.; Labor and Human Resources

Chimene E. A. Osigweh, Ejemekwaru-Owerri, Nigeria; B.S. (East Tennessee State University); M.A.; Labor and Human Resources

Dee Ann Polletier, Columbus; B.S. (University of Houston); Labor and Human Resources

Master of Music

Earl Crafton Beck, Memphis, Tenn.; B.Mus.Ed.; Music

Linda Alice Crouch, Granville; B.A. (Ohio University); M.A.; Music

Michael Eldon Delliginer, Columbus; B.Mus.; Music

Stephen Wayne Dodge, Columbus; B.Mus.; Music

Kent David Larmee, Upper Arlington; B.Mus.; Music

Anne N. Ngo, New York City, N. Y.; B.Mus. (Queens College of the City University of New York); Music

Master of Public Administration

Quay Yvonne Howell Barnes, Fort Wayne, Ind.; B.S. (Indiana State University); Public Administration

Brian Charles Cook, Granview Heights; B.A.; Public Administration

Beverly Payne Dodson, Mount Vernon; B.A. (Miami University); Public Administration

Franklin Jon Gencur, Amherst; B.A.; Public Administration

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Robert Allen Hardy, Lucasville; A.B. (Ohio University); Public Administration
Patricia Ann Humphrey, Columbus; B.G.S. (Kent State University); Public Administration
Robert James Layton, Washington, D.C.; B.A. (Miami University); Public Administration
Janet E. Foley Oros, Cuyahoga Falls; B.A. (Miami University); Public Administration
Robert Allen Hardy, Lucasville; A.B. (Miami University); Public Administration
Glen Robert Sabett, Columbus; B.A. (University of Akron); Public Administration
Janice Marie Sabett, Columbus; B.A. (University of Akron); Public Administration
Glen Robert Stuart, Bay Village; B.A. (Case Western Reserve University); Public Administration
Patricia Ann Tabcott, Springfield; B.S. (University of Evansville); Public Administration
Mark Allen Tanenbaum, Bexley; B.A.; Public Administration
Jeffrey J. Thiemann, Cincinnati; B.A. (Miami University); Public Administration

Master of Science

Mousa A. M. Abou-Taleb, Kuwait; B.S. ( Ain Shams University); Agronomy
Ali Abur, Ankara, Turkey; B.S. (Middle East Technical University); Electrical Engineering
Greg Donald Anderson, Worthington; B.S.C.E.; Civil Engineering
Carl Richard Andrews, Barberton; B.S. (University of Akron); Mathematics
Randall L. Apel, Huber Heights; B.S.Ch.E.; Chemical Engineering
Sheryl Ann Arnold, Wellington; Agricultural Education
Aniasti Murni Arymurthy, Jakarta, Indonesia; Sarjana Teknik (University of Indonesia); Computer and Information Science
Salman Aziz, Karachi, Pakistan; B.B.A. (University of Texas at Austin); Agricultural Economics and Rural Sociology
Mahmood Bahaei Jandaghi, Kermanshah, Iran; B.S. (University of Tabriz); Civil Engineering
Kathryn Elizabeth Habits, Columbus; B.S.; Allied Medical Professions
Yudhveer Singh Bagga, New Delhi, India; B.S. (Delhi University); M.S.M.E. (Villanova University); Computer and Information Science
Clifton Lee Ball, Canton; D.D.S.; Dentistry
William Charles Bana, Jr., Prince George, Va.; B.S. (University of Pittsburgh); Computer and Information Science
Jean-François Roger Bardet, Noyer/s/ Serein, France; D.V.M.; Ecole National Veterinaires; Veterinary Clinical Sciences
Mary Louise Barg, Columbus; B.S.; Pharmacy
Benjamin Matthias Bartlston, Columbus; B.S.M.E.; Mechanical Engineering
Donald Emil Bastian, Parlin, N.J.; B.A. (Rutgers University); B.S. (Massachusetts College of Pharmacy); Pharmacy
Bahman Bavarian, Tehran, Iran; B.Sc. (Abadan Institute of Technology); Electrical Engineering
Karen Ann Beal, Columbus; B.S.; Home Economics
Bruce Edward Beck, Springfield; B.A. (Ashbury College); Chemical Engineering
Barbara Lee Berrent, McLean, Va.; B.S. (Virginia Polytechnic Institute and State University); Environmental Biology
Barbara Jo Bick, Ripley; B.S. (University of Cincinnati); Veterinary Medicine
Karen Ann Beal, Columbus; B.S.; Home Economics
Christopher John Blech, Columbus; B.S.M.E.; Mechanical Engineering
Win Bo, Rangoon, Burma; B.E. (Rangoon Institute of Technology); Computer and Information Science
Bonnie Jan Bolender, Circleville; B.S.; Home Economics
Jeffrey Carl Bookwalter, Columbus; B.S.M.E.; Mechanical Engineering
Margaret Grace Boor, Shelby; B.S.Soc.Wel.; Home Economics
Sandra Lee Born, Columbus; Agricultural Education
Jeri Kerns Bradford, New Albany; B.S.Agr.; Agricultural Education
Vicki Spoon Britton, Cincinnati; B.S.; Veterinary Preventive Medicine
Robert Joseph Brown, Lancaster; B.S. (Ohio University); D.D.S.; Dentistry
Mohamed Saleh Broom, Benghazi, Libya; B.S. (University of Al-Fatah); Electrical Engineering
Brian Gerard Burby, Cleveland Heights; B.A. (Ohio Wesleyan University); Environmental Biology
Melba Ann Burch, Milford; B.S. (University of Cincinnati); Agricultural Education
Linda Ruth Burnworth, Marietta; B.S.Nurs.; Nursing
Mary V. Bush, Findlay; A.B. (Bernard College of Columbia University); Home Economics
Larry Charles Butterbaugh, Fairborn; B.S.I.E.; Industrial and Systems Engineering
Olivene Seward Caldecott, Columbus; B.S. (University of Vermont); Home Economics
Neal L. Carothers, Toledo; B.S. (University of Toledo); Mathematics
Treasa Ann Cathcart, Philadelphia, Pa.; B.S. (Earlham College); Agricultural Economics and Rural Sociology
Chao-Hong Chang, Taiwan, R.O.C.; B.S. (National Tsing Hua University); Mechanical Engineering
Tsau-Long Chang, Taiwan, R.O.C.; B.Eng. (Taiwan Provincial College of Marine and Oceanic Technology); Civil Engineering
Walter Russell Chapman, Jr., Carroll; B.S.A.A.E.; Mechanical Engineering
Muhammad Afzaal Cheena, Sialkot, Pakistan; B.Sc. (University of Engineering and Technology); Civil Engineering
Jane-Shiou Chen, Taipei, Taiwan, B.O.C.; B.S. (National Taiwan University); Civil Engineering

Hai-Lung Chien, Taiwan, B.O.C.; B.S. (Tung-Hai University); Mathematics

Byung K. Choi, Seoul, Korea; B.S.E. (Seoul National University); Welding Engineering

Maureen Holland Clark, Columbus; A.B. (Miami University); Allied Medical Professions

Paul Dean Clark, Manchester; B.S. (Berea College); Agricultural Education

Doreen Phyllis Close, Madison; B.S.C.S.; Computer and Information Science

Margaret D. Coffman, Columbus; B.S.Agr.; Agricultural Economics and Rural Sociology

William Currie Colket, Cleveland; B.S. (Case Institute of Technology); M.B.A. (University of Southern Mississippi); Computer and Information Science

Vctor Joseph Cook, Hamburg, N. Y.; D.D.S. (State University of New York at Buffalo); Dentistry

Stanley Lynn Cooper, West Union; B.A.; Agricultural Economics and Rural Sociology

Harold Loyd Cousino, Toledo; B.S.E.E.; Computer and Information Science

Craig Alan Cox, Sharon Center; B.S.; Geology and Mineralogy

Luis A. Crespo, San Juan, P. R.; B.S.C.E. (University of Puerto Rico); Civil Engineering

Cheryl Ann Culler, Stryker; B.S. Nutrition; Home Economics

James Joseph Cychrak, Lockport, Ill.; B.A. (Lewis University); Chemistry

Steven John DaCosta, Chassell, Mich.; B.S.E.E. (Michigan Technological University); Electrical Engineering

Stephen Clark Daly, Newport News, Va.; B.S. (United States Military Academy); Geodetic Science

Neil Michael Davis, Columbus; B.S.Pharm.; Pharmacy

Barbara Moore Dehartke, Findlay; B.S. (Ohio University); Home Economics

Richard James DeGarmo, Cincinnati; B.S.Agr.; Agricultural Engineering

Kurt Eugene Deibel, Columbus; B.S.; Microbiology

Vera Mae Demeter, Columbus; B.S.A. (Otterbein College); Allied Medical Professions

Pradeep D. Deolankar, Hyderabad, India; B.Tech. (Indian Institute of Technology of Madras); Computer and Information Science

Sharon J. Dick, Rochester, N. Y.; B.A. (University of Oklahoma); Electrical Engineering

Halidin Direkseveni, Istanbul, Turkey; B.S. (Middle East Technical University); Electrical Engineering

Robert Alan Dlgwirt, Youngstown; B.S.; Preventive Medicine

Michael Joseph Dwyer, Mt. Airy, Md.; B.A. (Mary Washington College); Agricultural Economics and Rural Sociology

David Robert Dyasrd, Tiffin; B.A.; Civil Engineering

Mary Anne Eichen, Columbus; B.S. (College of Saint Mary); Environmental Biology

Jeffrey Stewart Ely, Columbus; B.S.Ed., M.S.; Computer and Information Science

Edward Bruce Erndt, Mansfield; D.D.S.; Dentistry

Stephen Wayne Fannin, Portsmouth; B.S.; Biomedical Engineering

Gregory Alan Fletcher, Columbus; B.S.; Microbiology

John Clark Foltz, Columbus; B.S.; Agricultural Economics and Rural Sociology

Garland L. S. Forbes, Newark, Del.; D.D.S. (College of Medicine and Dentistry of New Jersey); Dentistry

Jose Donato Fortin, Tegucigalpa, Honduras; A.B. (Stonehill College); Mathematics

Ronald Lee Frank, Boyertown, Pa.; B.S. (Houghton College); Genetics

Thomas G. Franco, Girard; B.S. (Auburn University); Pharmacy

Sherman Dan Frost, Granville; B.S.Agr.; Natural Resources

Wayne-Chi Fu, Hua-Lien, Taiwan, R.O.C.; B.S. (National Chung Hsing University); Mechanical Engineering

Kenneth Bruce Gilbert, Philadelphia, Pa.; B.S. (Pennsylvania State University); Chemistry

Mahesh Chandra Gogia, Dehradun, India; B.A., M.A. (Panjab University); Geodetic Science

Russell Gonsalves, Bombay, India; B.Tech. (Indian Institute of Technology); Computer and Information Science

Miriam Grumet, Steubenville; B.S.; Home Economics

Nazih Ali Güven, Ankara, Turkey; B.S. (Middle East Technical University); Electrical Engineering

Narollah Haddad-Kaveh, Tehran, Iran; B.E. (Araya-Mehr University of Technology); Metallurgical Engineering

Mark Tuxford Haldeman, Columbus; B.S. (Allegheny College); Agricultural Education

Jay Franklin Halley, Huron; B.S.; Agronomy

Ramiah Hamzah, Malaysia; Diploma (Universiti Pertanian Malaysia); B.S. (Louisiana State University and A and M College); Agricultural Education

John Chester Handley, Enon; B.S.; Mathematics

Allen Dale Hartschub, Bucyrus; B.S.; Agricultural Economics and Rural Sociology

Joseph Dennis Harvath, Canton; B.A., M.A.; Computer and Information Science

Hanl K. Hassanieh, Ainwaxine, Lebanon; B.S. (Purdue University); Electrical Engineering

Boyd Hastings, Brookville; B.S.Ed. (Central State College); Agricultural Education

Peter J. Heffernan, River Edge, N. J.; B.S. (Rutgers University); Agricultural Economics and Rural Sociology

Sharon K. Heit, Solon; B.S.Ed. (Ashland College); Home Economics

Annette Albel Hennis, Sagamore Hills; B.S. (Baldwin-Wallace College); Genetics

Marilyn Virginia Hicks, Columbus, Ga.; B.S. (Bennett College); Zoology

William Hugh Hightower, Omaha, Neb.; B.A. (University of California at Los Angeles); Zoology

Christina Janet Hilde, Worthington; B.S.; Agricultural Economics and Rural Sociology

Susan Lee Hodson, Hillsboro; B.A. (Otterbein College); Agricultural Education
Ching-Hsiang Huang, Taipei, Taiwan; B.S.Eng. (National Taiwan University); Electrical Engineering

Marshall Julian Jones, South Hill, Va.; B.S. (Virginia State College); Agronomy

Roger Dean Kamen, Mansfield; B.S.E.E. (Tulane University); Physiological Optics

Shannon Devi Kanwal, Columbus; B.S., M.S.; Computer and Information Science

Tsuneo Kayama, Tokyo, Japan; B.S. (Tokyo Institute of Technology); Ceramic Engineering

Julie Ann Keiser, Canton; B.S.Soc.Wel.; Home Economics

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R.0.C.; B.S. (University of Rhode Island); Zoology

Karen Marie Kenney, Newport, R. I.; B.S. (Cornell University); Home Economics

Suzanne Marie Kenney, Newport, R. I.; B.S., D.D.S. (University of California, San Diego); Dentistry

Kathryn Carmilla Kilroy, Cleveland; B.A. (University of Minnesota); Pathology

Timothy Paul Keller, Cape Girardeau, Mo.; B.S.I.E.; Civil Engineering

Todd Paul Kelly, Columbus; B.S. (University of New Hampshire); Horticulture

Karin Ann Lehr, Seattle, Wash.; B.S. (Ohio University); Zoology

Ellen S. Levy, Columbus; B.S., M.S. (University of Illinois); Zoology

Ronald E. Lay, Columbus; B.S. (University of Maryland); Veterinary Pathology

Karl Victor Miller, St. Marys, Pa.; B.S. (The Pennsylvania State University); Automotology

Miriam D. Miller, Newark; B.S.N. (Capital University); Nursing

Jagdish Mitter, Babahali, India; B.A.; (Punjab University); Agricultural Economics and Rural Sociology

Adiele Godson Nwankwo, Umuahia, Nigeria; B.A. (Miami University); Human Development and Family Science

Jed Anthony Myers, Monroeville; B.S. (University of Pittsburgh); Natural Resources

James John Patterson McLean, Omihi, New Zealand; B.E. (Lincoln College); Agricultural Engineering

Robert MacNair, Monroe, Pa.; B.S. (Pennsylvania State University); Animal Science

Negat Yunus Megat, Sulfan, Malaysia; B.Sc. (Northeast London Polytechnic); Geodetic Science

Phyllis Merkur, Philadelphia, Pa.; B.S. (Pennsylvania State University); Poultry Science

Michele Ann Merritt, Royal Oak, Mich.; B.S. (Michigan State University); Zoology

Marc T. Miglin, Homewood, Ill.; B.S. (Northwestern University); Metallurgical Engineering

Jeffrey James Molock, North Royalton; B.S. (University of New Hampshire); Horticulture

Abdellah EI-Nagr Mohamed, Khartoum, Sudan; B.V.Sc. (University of Khartoum); Veterinary Preventive Medicine

Juan Jesus Mora V., Caracas, Venezuela; Medico Veterinario (Universidad Central de Venezuela); Veterinary Preventive Medicine

Denise Kinkaid Morehart, Freemont; B.S. (Bowling Green State University); Home Economics

Mark Edward Mosley, Forest Park, Ga.; B.S. (University of Georgia); Electrical Engineering

Jed Anthony Myers, Monroe, R.I. (Heidelberg College); Agronomy

Kwong Tai Ng, Hong Kong; B.Eng. (McGill University); Electrical Engineering

Wendy Cox Noble, Columbus; B.S.N. (Capital University); Nursing

Adiele Godson Nwankwo, Umuahia, Nigeria; B.A. (Miami University); Civil Engineering

Susan Litchfield Osborne, Virginia Beach, Va.; B.S. (Virginia Polytechnic Institute and State University); Agricultural Education
Cheng-bin Sun, Taipei, Taiwan; B.S. (National Chiao Tung University); Electrical Engineering

Sau-cheng Sun, Taipei, Taiwan; R.S. (Tam Kung College); Electrical Engineering

Eth Saphavilai, Ayuthya, Thailand; B.Eng. (Chulalongkorn University); Geodetic Science

Susan Marie Tell, Seattle, Wash.; B.S. (University of Washington); Pharmacy

Victoria Yulan Tang, Athens; B.S. (Ohio University); Electrical Engineering

Donald Ocho Tootle, Dublin; B.S.; Allied Medical Professions

Issa Ali Torodo, Bangaba-Dori, Upper Voltta; B.Law (University of Paris I—Sorbonne); Agricultural Economics and Rural Sociology

Monmori Tsuchi, Nagasaki, Japan; B.S. (Tokyo Institute of Technology); M.A. (University of Texas); Computer and Information Science

Chien-Hsun Tsai, Taipei, Taiwan, R.O.C.; B.E. (Chung Yuan Christian College of Science and Engineering); Industrial and Systems Engineering

Somkit Tugsinavisutti, Bangkok, Thailand; P.S., M.S. (Kaetsutai University); M.A. (University of the Philippines); Agricultural Economics and Rural Sociology

Sterling Otto Ulrich, Jr., Brookpark; B.S. (Hiram College); Zoology

Babette Patton Unverfert, Columbus; B.A. (Ohio Wesleyan University); M.S. (Ohio University); Pathology

Thomas Lyon Van Etten, Niagara Falls, N. Y.; B.S. (State University of New York at Albany); Nuclear Engineering

Jessie Marie VanSwearingen, Pittsburgh, Pa.; B.S. (University of Delaware); Allied Medical Professions

Ruben E. Vargas, Maracay Edo Aragua, Venezuela; Medico Veterinario (Universidad Central de Venezuela); Poultry Science

Leonidas Vasion, Thesaloniki, Greece; B.Sc. (Queen Mary College, University of London); Electrical Engineering

Bruce Arthur Wagner, Navarre; B.S.M.E.; Mechanical Engineering

Wendell Philip Wagner, Jr., Mt. Cory; B.A. (New College); M.A. (University of Texas at Austin); Mathematics

Frances Mary Wall, Christchurch, New Zealand; B.S. (University of Auckland); Microbiology

John Ojono Wambaugh, Midland, Tex.; B.E. (Vanderbilt University); Metallurgical Engineering

Chuan Sheng Wang, Taipei, Taiwan, R.O.C.; B.E. (Tamkang College); Civil Engineering

George Errol Ware, Columbus; B.S.; Preventive Medicine

Wayne Frank Wargo, Elrysia; B.S.; Civil Engineering

William Frank Warren, Jr., Columbus; D.D.S. (University of California, San Francisco); Dentistry

Anna M. Watertman, Dayton; B.S.C. (Capital University); Nursing

Larae Anne Watkins, Columbus; Agricultural Education

Beth Dale Wenner, Galena; B.S.; Home Economics

Randy Gene Williams, Grove City; B.A. (Bluffton College); Home Economics

Richard Powers Williams, Austintown; B.S.; Pharmacy

Gary L. Willison, Groveport; B.S.; Natural Resources

Terrie Lynn Winnett, Worthington; B.S.; Zoology and Mineralogy

Scott Howard Woods, Stockton, Calif.; B.S. (California State University at Fresno); Animal Science

Lucy Gail Wright, Minford; B.S.Ed., M.S. (Ohio University); Computer and Information Science

Chihae Yang, Seoul, Korea; B.S. (Seoul National University); Chemistry

Kenneth Reed Yaten, Baltimore; B.S. (Westminster College); M.S. (Ohio University); Nuclear Engineering

Ren-ju Yeh; R.O.C.; B.S. (National Tsing-Hua University); Physics

Sivaram Prasad Yenigalla, Kothagudem, Andhra Pradesh, India; B.E. (Osamia University); Electrical Engineering

Elisabeth Wendy Youn, Columbus; B.S.E.E.; Home Economics

Shu-Hwa Yin, Taipei, Taiwan, R.O.C.; B.S. (Fu Jen Catholic University); Home Economics

Karih Jeanne York, Columbus; B.S. (University of Missouri at Columbia); Allied Medical Professions

David Scott Ziegler, York, Pa.; B.A.; Natural Resources

Ellen Linnea Ziener, Roanoke, Va.; B.S. (Virginia Polytechnic Institute and State University); Veterinary Preventive Medicine

LaMar Glen Zigler, Bryan; Physiological Optics

Jean Anne Zorko, Parme Heights; B.S.; B.S.M.T. (Akron University); Pathology

Master of Social Work

Richard L. Acton, Springfield; B.A. (Wittenberg University); Social Work

Judith Hanhart Ahlhoek, Worthington; B.A. (Colorado Women’s College); B.A. (University of Kentucky); B.A.; Social Work

Deborah Ann Albanese, Cleveland; B.A. (Kent State University); Social Work

Donald Wesley Alley, Columbus; A.B. (Ashbury College); Social Work

Gwendolyn I. Barton, Asheville, N. C.; B.A. (Morgan State College); Social Work

Patricia Nichols Barton, Columbus; B.A. (University of Minnesota); Social Work

William Richard Baumann, Sidney; B.S. (Miami University); Social Work

Carol Ann Beckman, Columbus; B.A.; Social Work

Susan Elizabeth Bell, Cleveland Heights; B.S.Soc.Wel. M.A. Social Work

Lisa Ann Bianco, Pittsburgh, Pa.; B.S. (University of Pittsburgh); Social Work

Sue Ellen Binkle, Cortland; B.S.; Social Work

Joseph John Boley, Shawnee; B.S. (Ohio University); Social Work

Daris A. Bolon, Columbus; B.S.Ed. (Ohio University); Social Work

Dale Joseph Borger, St. Henry; B.S.Soc.Wel.; Social Work

Terry Alan Boyd, Cleveland; B.A. (Defiance College); Social Work

Leigh Stewart Browsner, Orchard Lake, Mich.; B.A. (Albion College); Social Work

Ronnie Mae Brotherton, Oberlin; B.A., B.S. (Taylor University); Social Work
Jill Allison Cipolaro, North Canton; B.A. (Miami University); Social Work

Julie Demeter Darling, Great Neck, N. Y.; B.A. (Calvin College); Social Work

Sharon Catherine Douglas DeDiemar, Milford; B.A. (Bowling Green State University); Social Work

Benita R. Davison, Cincinnati; B.A. (University of Nebraska); Social Work

Berneta R. Davison, Cincinnati; B.A. (Bowling Green State University); Social Work

Lloyd Johnson, Jr., Balaton, Minn.; B.A. (Ohio University); Social Work

Beth Ann Dropkin, Columbus; B.A.; Social Work

Sharon Laney Decker, South Bend, Ind.; B.A. (Indiana University at South Bend); Social Work

William Palmer Ellsworth, Bucyrus; B.S. (Bowling Green State University); Social Work

William Joseph Faeth, Cincinnati; B.A., M.A. (Athenaeum of Ohio); Social Work

Kimberly Noel Farrhney, Dayton; B.S.S.W. (Bowling Green State University); M.A. (Miami University); Social Work

Angela G. Finney, Coshocton; B.S.Ed. (Kant State University); M.A. (Miami University); Social Work

Ruby Joyce Frederik, Bridgeport; B.S.Ed. (Ohio University); Social Work

Carol Sue Freedman, South Euclid; B.A. (Miami University); Social Work

Jill Stewart Freemon, Cincinnati; B.S. (University of Cincinnati); Social Work

Thomas Alan Fuller, Akron; B.A. B.S.W. (University of Akron); Social Work

Susan Frances Gallagher, Akron; B.A. (Baldwin-Wallace College); Social Work

Nancy J. Gambrel, Youngstown; B.A. (Kent State University); Social Work

Janice D. George, Sandusky; B.S.Soc.Wel.; Social Work

Lucy C. Getman, Syracuse, N. Y.; B.A. (State University of New York at Cortland); M.A.; Social Work

Cris J. Gillispie, Columbus; B.S.Soc.Wel.; Social Work

Paula Judith Goodman, Rockville, Md.; B.S. (University of Maryland); Social Work

Deborah Gourash, Cleveland; B.Mus. (Ohio University); Social Work

Lori Ann Grossman, Youngstown; B.S.; Social Work

William Patrick Harper, Chesterland; B.S.S.W. (Bowling Green State University); M.A.; Social Work

Judith Ann Herendeen, New Lexington; B.A. (Indiana University); Social Work

Elaine Marie Hill, Mansfield; B.S.Soc.Wel.; Social Work

Patricia Hogan, Dallas, Tex.; B.A. (University of Texas at Austin); Social Work

Starr Beth Huffman, Columbus; B.A. (Capital University); Social Work

Michael John Hurndy, II, Columbus; B.S.; Social Work

LaVern Lloyd Johnson, Jr., Balaton, Minn.; B.A.S.W. (University of North Dakota); M.A.; Social Work

Anna Armstrong Johnston, Worthington; B.A. (Ohio Wesleyan University); M.A. (Columbia University Teacher's College); Social Work

Deborah L. Kado, Richmond, Va.; B.S. (Virginia Commonwealth University); Social Work

Lori Kagan-Moore, Columbus; Bachelor of General Studies (University of Michigan); Social Work

Andria Jill Kats, Beachwood; B.S.; Social Work

Margaret L. Kelder, Cornwall, N.Y.; B.A. (College of Saint Rose); Social Work

Harold D. Keller, Columbus; B.S.W. (Case Western Reserve University); M.A.; Social Work

Virginia Carolyn Kelley, Columbus; B.A. (Baldwin-Wallace College); Social Work

Cheryl Denise King, Akron; B.S.Soc.Wel.; Social Work

Mary Virginia Kiwch, Hamilton; B.S. (University of Cincinnati); Social Work

Constance Kontras, Columbus; B.A. (University of Arizona); Social Work

Robin Elaine Kunts, Harrison; B.A. (Georgetown College); Social Work

Lisa Marie Laramboise, Columbus; B.S.W. (Manchester College); Social Work

Linda Donnell Lee, Elyria; S.C.; B.S. (South Carolina State College); Social Work

Yuk-Hi Patrick Leung, Hong Kong; Diploma (Hong Kong Baptist College); M.A.; Social Work

William D. Lewis, Jr., Columbus; B.A. (Dartmouth College); Social Work

Rose Maria Lobo, New Bedford, Mass.; B.A. (Southeastern Massachusetts University); Social Work

Susan McNeill Lodes, Mt. Pleasant; B.A. (University of Maryland); Social Work

Barbara S. Longstreth, Delaware; B.A. (Ohio Wesleyan University); Social Work

Margaret Rose Lovas, Dayton; B.A. (Wright State University); Social Work

William Joseph Malone, II, Reynoldsburg; B.S. (Bowling Green State University); Social Work

Amy Kathleen Markovits, Wooster; A.B. (Miami University); Social Work

Kevin Douglas Marks, Maurice; B.S. (Denison University); Social Work

Kathryn L. Mihelich-Helms, Columbus; B.A. (Purdue University); Social Work

Jill Brantley Miles, Pкрепkinster; B.S. (Troy State University); Social Work

James Thomas Miller, Columbus; B.S.; Social Work

Paul Arthur Miner, Columbus; B.A. (University of Maine); Social Work

Jacquelyne Irene Mizer, Ashland; B.A. (Wittenberg University); Social Work

Curtis Moramue, III, Columbus; B.A. (Ohio Dominican College); Social Work

Joan T. Munis, Steubenville; B.A. (College of Steubenville); Social Work

Kimberly C. Myers, Columbus; B.S. (Harding College); Social Work

Frances Jean Odenweller, Columbus; B.A. (Glassboro State); Social Work

Susan Kay Parker, St. Clairsville; B.S.W. (Indiana State University); Social Work

Molly Ann Parkhill, Baltimore; B.S.Soc.Wel., M.A.; Social Work

Leisy Jean Patterson, Leontia; B.A., M.A.; Social Work

Raymond Joe Peden, Columbus; B.A. (University of Arkansas); Social Work

Jose L. Perez, Dallas, Tex.; B.A. (University of Texas at Austin); M.A.; Social Work

Merry Perimutter, Pittsburgh, Pa.; B.S. (Ohio University); Social Work

George J. Pfaff, Columbus; B.A.; Social Work

David Michael Polunas, Euclid; B.A. (Kent State University); Social Work

Judith Ann Prinz, Lebanon; B.A. (Miami University); Social Work

Robin Christina Reed, Bucyrus, B.S.S.W.; (Bowling Green State University); Social Work
Elaine Rentel, Ambridge, Pa.; B.A. (Pennsylvania State University); Social Work

Christina D. Richards, Circleville; B.A. (University of Kentucky); Social Work

Breenda Renee Rineske, Bridgeport; B.A. (Ohio University); Social Work

Ronald Lynn Rosser, Ponce City, Okla.; B.S. (Central State University); Social Work

Robert Charles Rowland, Columbus; B.S.; Social Work

Judith Ann Rowe, Carbondale, Ill.; B.A. (Kent State University); Social Work

Linda Ann Rowse, Harpster; B.A. (Pennsylvania State University); Social Work

Jody Beth S. Rowland, Columbus; B.S.Ed.; Social Work

Linda Ann Rowland, Columbus; B.S.Ed.; Social Work

Cassandra Delores Todd, Memphis, Tenn.; B.A. (University of Maryland); Social Work

Larry H. Wallerstein, Erie, Pa.; B.A. (Case Western Reserve University); M.A. Social Work

Huan-Li Wang, Taipei, Taiwan, R.O.C.; B.A. (College of Chinese Culture); Social Work

Patricia Lee Williams, Niles; B.A. (Kent State University); Social Work

Barbara Ann Zalups, Franklin Square, N.Y.; B.S. (State University College at Brockport); Social Work

Raymond Zamudio, Biggs, Calif.; B.S.; Social Work

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Vice Provost for the Arts and Sciences: Thomas A. Willie

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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. Brookes

Bachelor of Arts

Mary L. Albrecht, Columbus

Jay Thomas Austin, Cleveland

David Michael Brown, Columbus

Lance Barron Carwile, Worthington

Philip Fitch Cronheim, Columbus

Charlotte Curtis, Columbus

Richard Allen Darst, Columbus

Jeannette Dunn, York Center

Julie Ann DeVito, Shelby

Thomas Jeffrey Dill, Galion

Mark R. Fahnur, Cambridge

Stephanie Rene Fuchs, Euclid

Lawrence Wendell Gilbert, Jr., Beverly, Md.

Hugh A. Greenlee, Columbus

Dwight Michael Hammock, Birmingham, Ala.

Leslie Margaret Hauser, Upper Arlington

Kimberly Sue Hite, Sabin

Harry Donald Hoffmone, Columbus

Lloyd David Lemmerrmann, Lyndhurst

John Eugene Little, Jr., Ashville

Kathryn S. MacGillivray, Bellefontaine

Joseph Gilbert Manning, St. Charles

Carolyn Denise May, Westlake

Mary Elizabeth McGuire, Hazelt, N. J.

Ika Margaret Membrinius, Columbus

Thomas Moore, Flemington, N.J.

Deborah Marie Nemec, Maple Heights

Alyssa Miriam Nennomski, Northbrook, Ill.

Richard Alan Persons, Columbus

Matthew Gregory Price, Newark

Paul Raymond Pucciotti, Columbus

Jonathan Wheeler Putnam, Columbus

Christine G. Reinhart, Columbus

Susan Rhoden, Worthington

Leslie Lee Rohlshou, Ashbtula

Mark Alan Rush, Columbus

Lorinda Marie Sabino, Westlake

Jeffrey Alan Sedman, Cincinnati

Linda Marie Shary, Columbus

Tom Sullivan, Cleveland

Carol G. Twombly, Delaware

David L. Walters, Columbus

James Patrick Whyte, Columbus

Kevin George Young, Mansfield

Althea Kathleen Zink, Parma

Bachelor of Fine Arts

Virginia Kaye Adams, Columbus

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Vera Palmer Boon, Dublin

Edward Adrian Breeman, Buffalo Grove, Ill.

Tracy Denise Colleito, Columbus

Catherine Ann Cyran, Granville

Elizabeth Ann Eagan, Lake Hiawatha, N.J.

Bach Fries, Columbus

Rebecca Lynn Gordon, Centerburg

Joe Leslie Hammer, Beachwood

Bruce Jackson Hubbard, Columbus

Roosevelt Calvin Jockies, Jr., Columbus

Cynthia Elaine Johnson, Westlake

Adele Elizabeth Johansson Klinger, Columbus

David Bruce Knight, Cleveland

Ellen Frances Macias, Berea

Vincent Nicholas Maietta, Columbus

Raymond William Maurer, Columbus

Carol Lynn McDonough, Columbus

Lisa Margaret Membrinius, Columbus

Norman John Nuber, Jr., Columbus

Ngoc Bich Phan, Columbus

Joel Derick Powell, Euclid

Suzanna Rabe, Columbus

Susan Elizabeth Raufer, Akron

Christine Ann Rupperruss, Grove City

Becky Jill Simon, Gahanna

David Thomas Stinson, Lancaster

Cynthia Miriam Weinstein, Prairie View, Ill.

Karen Elizabeth Welch, Springfield

Bachelor of Music

Robin Lee Barger, Delaware

Mark Paul Boarm, Columbus

Rick Alan Boyer, Trotwood

Mark Douglas Corron, Columbus

David Roger Crist, Columbus

John Briggs Curtin, Columbus

Tamaro Lynn Hallas, Columbus

Michael P. Haist, Parma

Althea Kathleen Zink, Parma
Bachelor of Science in Industrial Design
Daia Abercrombie, Thornville
James Lawrence Bryant, Columbus
Jennifer Ann Burns, Bryan
Julie Elisabeth Clements, Columbus
Dennis Jay Decholais, Fairborn
Ann Elizabeth Dickman, Columbus
Douglas William Drennen, Columbus
Day夢 LuciErnest, Columbus
Diane Gandle, Fairlawn N. J.
Mitchell Phillip Grussen, Columbus
James Joseph Guppy, South Glens Falls, N. Y.
Elizabeth A. Hale, Columbus
Patricia Ashley Ingram, Cuppahoga Falls
Sandra Marie Kate, Columbus
Howard A. Keynes, Columbus
Paul Martin Killian, Waynesville
Ted Joseph Knapke, Minster
James Patrick Lake, Jr., Madison
Mark Howard Lang, University Heights
Nancy Ellen Lemond, Columbus
Lisa Hendrick McElinn, Columbus
Peter Hull Meibling, Pittsburgh, Pa.
Karen Jean Merryman, Columbus
John Jay Miller, Rochester
Michelle Lynn Miller, Bellville
Kristi Kay Rose, Wauseon
Marc Stephen Schie, Napoleon
Lynda Diane Schumer, North Miami Beach, Fla.
Janie Hillman Skiles, New York, N. Y.
Harold John Silverman, Chicago, Ill.
Karl Michael Simon, Columbus
Lee S. Streh, Columbus
Susellen Eileen Thomas, Cincinnati
Diannah Carol Utman, Oranges, N. J.
Mindy Beth Waters, New Milford, N. J.
Victor Arthur Zivertia, Dayton

College of Biological Sciences
Dean: Patrick R. Dungan

Bachelor of Arts
Brinda Lee Bailey, Canton
Brian Patrick Brooker, Corsdorf
Seyyed Fazel Fashandi, Tehran, Iran
William Ellsworth Gable, Parma
Teresa Marie Hanningan, Columbus
Richard Howard Himberh, McComb
Robert John Starkey, East Canton

Bachelor of Science
Jeffrey D. Alder, Toledo
George P. Anderson, III, Springfield
Brinda Ann Arth, Bay Village
Robin Sue Askey, Cincinnati
Robert Gregory Baker, Orient
Ali H. Beasran, Warren
Mejgan Bebbakh, Columbus
John David Bebbcr, III, Tallin
Terry Neil Berman, South Euclid
Herbert Merrill Burt, University Park
Marian Elaine Buse, Wooster
Ray Howard Blair III, Lancaster
Michael Leonard Bloomfield, Akron
Frederick Brook, J. Yellow Springs
Paula Sue Brown, Sandusky
Chris Carolinette, Bedford Heights
Steven Max Carter, Amelia
Randall Scott Casey, Columbus
Touq D. Cho, Columbus
Deborah Jo Cline, Toledo
Paul Colin, Salinas, Puerto Rico
Jim Mark Cotzecita, Worthington
Catherine Marie Curry, Columbus
Michael L. Hale, Harrod
Stanley D. Darrinmiller, Cincinnati
Jeffrey Alan Dapko, New Philadelphia
Michael Joseph DePace, Worthington
Araceli Diaz, Venice, Fla.
Rosemary Carol Dietrich, Medina
Michelle Marie Dodd, Cincinnati
Joseph Wayne Dolan, Columbus
Laurin C. Dommer, Elyclid
Ronna E. Dormile, Kettering
Charles J. Edelen, Toledo
Bonnie Jean Egan, Lakewood
Michael Emerman, Columbus
Richard Michael Enz, Worthington
John Bradford Endres, Grove City
David Lewin Ettinger, Columbus
Julie Kay Ettens, West Wington C. H.
Charles Fredrick Finkleman, Hamilton
Peter Forrest Fox, Columbus
Kent Brian Fowler, Lima
Sara Gertrude Fox, Cleveland
Terry L. Frost, Williamsburg
Louis Haim Friedman, Dayton
Michael Allen Galligan, Piqua
Debra Ann George, Pittsburgh, Pa.
Gregory Scott Gibbons, Columbus
David Michael Gibenst, Columbus
James Robert Gillespie, Bellfontaine
Darrell Lee Gitz, Eaton
Neil Evan Goodman, Columbus
Paul Edwin Goulker, Columbus
Nicholas Ward Grabarz, Fairfield
Douglas Allen Grieren, Dayton
Randall Lane Griffith, Hillsboro
James Paul Guerrieri, Jr., Solon
Mark Edward Harris, Worthington
Philip Thomas Hecht, Versailles
Robert Paul Herrick, Toronto
Rock Alan Heyman, Upper Sandusky
Charles H. Hickim, Columbus
Robert Joseph Hilbert, Akron
Jeffrey E. Himber, Columbus
Gary Edward Hollinday, Dayton
Cynthia Barbara Hotz, Cortice
James Douglas Hafer, Worthington
David Donald Hubbell, Lima
Julianne Hunter, Kettering
Mark Charles Jackson, Cherry Hill, N. J.
Terry Marc Jacobs, Paramus, N. J.
Susan Marie Jakob, Garfield Heights
Joseph Kandel, Columbus
Jawaider Kaur, Reynoldsburg
George David Keene, Fort multiplier
Hanan Kerr, Cincinnati
David J. Kneel, Gahanna
Elizabeth Marie Kneb, Columbus

Bachelor of Science in Audio Recording
David Roger Crist, Columbus
Kenneth Ralph Henderson, Columbus
Martha Sue Root, Fremont

Bachelor of Science
Maurven Koshel, Silver Lake
Lori A. Koval, Wadsworth
Brian Ernest Kost, Fairview Park
Mark Allen Krantz, Beachwood
Mary Christina Kyle, Portsmouth
Joe Robert Lach, Avon
Edward Donald Laney, Jr., Poland
Phyllis Jean Lang, Wellston
Robert Frederick Larick, Dayton
Daniel Mark Lendvai, Mentor
Joseph L. Lepkoff, Youngstown
Ronald Lee Lipp, East Palestine
Bradford Scott Lovelace, Kettering
Steven Richard Luns, New Bremen
Amy Jo Luts, Euclid
Margaret Ellen Lyon, Huntington, W. Va.
Charles John Manfre, Steubenville
Laura Janet Lucas, Eikins, W. Va.
Brian Ernest Kozar, Fairview
Muun'ln Kogler, Sidney
Sandra Steven Charles Lougheed, Upper Arlington
Tina Jo Quinn, Jewett
Timothy Owen March, Perrysburg
Todd M. McFarland, Van Wert
Jerome J. Rotella, Steubenville
James Kevin Lawrence Michael Miller, Columbus
Edward IJonald Laney, Jr., Poland
Margaret F. llen Lyon, Huntington,
Phyllis Jean Luns, Columbus
Amy Jo Luts, Euclid
Sandra Steven Charles Lougheed, Upper Arlington
Katherine Marie Mattern, Heath
Todd M. McFarland, Van Wert
Lawrence Michael Miller, Columbus
Martin James Miller, Canton
Max Steven Minot, Glocce, Ill.
Martha Mary Mihoff, New Richmond
Michael William Moran, Columbus
Marliffne Morrison, Marysville
Debra Jo Moats, Logan
David Frederick Moulton II, Columbus
James Kevin Mulderig, Poland
Edward C. Niehoff, Toledo
Sandra Ann Obrutz, Mentor
Cynthia Gail Olsen, London
K. Mitchell Omelko, North Olmsted
Sharon Kay Parsons, Newark
Marvin R. Patterson, Columbus
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Valerie Renee Pfister, Powell
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Arturo Portales, Hamilton
Robert Austin Powers, Lakewood
Tina Jo Quinn, Jewett
Anthony Jay Raimondi, Defiance
William L. Remington, Jr., Ashland
Pamela Jane Robinson, Reynoldsburg
Mark Neil Rood, Columbus
Edward Steven Rosenthal, Mayfield Village
Jerome J. Rotella, Steubenville
Carol Ann Russ, Mentor
Timothy Michael Ryba, Broadview Heights
Mark Edward Sale, Columbus
Gary Stuart Scheer, Toledo
Eric Alan Schneider, Kettering
Randall Keith Seaton, Anna
Mary Kathryn Shuba, Youngstown
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Robert Max Smith, Antwerp
Christine Snyder, Columbus
James Mikey Sorrel, Alliance
Michael Thomas Sorter, Cincinnati
Frances Jean Spray, Johnsburg
Joyce Lee Stockman, Beachwood
Robert E. Storm, Bellevue
Eileen Mara Sutker, Beachwood
Grace Ann Sutter, Burton
Cheryl Lynn Testaguzza, Weirton, W. Va.
David Paul Trence, Steubenville
Nancy Jo Tran, Ashtabula
Steven Thomas Vennard, Cincinnati
Marie Vionette Vidal,
Río Piedras, Puerto Rico

Wesley Paul Violet, Delphos
Roger Alan Vitter, Martins Ferry
Charles Robert Wallace, Columbus
William Loyd Washington, Columbus
Lynn M. Weidner, Chagrin Falls
Mary Haarman Wrederoth, Cleveland
Rosamond Virginia Wheeler,
Muyapaga, Puerto Rico
Terry David White, Big Prairie
Susanna Spencer Wiltens, Toledo
Donna Elwyn Wilson, Columbus
James Michael Wilson, Urbana
Theodore Donald Winkle, Buffalo, N. Y.
Patricia Ann Wood, Dayton
Michael Steven Wukiele, Columbus
John William Wulf, Alliance
Peter S. Yamazaki, Melrose Park, Ill.
Debra A. Young, Columbus
Mark H. Zablotsky, Youngstown
Daniel Arnold Zelewski, Loup City, Neb.

College of Humanities

Dean: Dieter H. Haenicke

Bachelor of Arts

Irene J. Abraham, Pownal Valley, Calif.
Mohammad Said Abdul Hakim
Al-Khalidin, Columbus
Hal Dixon Amerine, Worthington
Norma Jo Andriot, Columbus
Roland Cameron Archer, Cambridge, Mass.
Nicholas Charles Auclair, Columbus
Sandra Lynn Austin, Columbus
Aline M. Baker, Austintown
Steven Randolph Bard, Bryan
Ann Bright Bashaw, Columbus
Pamela Marie Bender, East Sparta
Josephine Hillman Benson, Granville
Josiah Hilleman Blackmore III, Worthington
Richard J. Bleiler, Ridgewood, N. J.
Patrick J. Renonce, Mansfield
Philip Anthony Bowen, Tappers Plains
Melisa Mae Brittingher, Columbus
Steven Martin Brown, Worthington
Renee Marie Eileen Bum, Bismarck
Mark W. Bury, Hudson
Martha Ann Cardina, Akron
Stanley Harrison Carr, Columbus
Marianne Conroy, Youngstown
George H. Cooper, Buffalo, N. Y.
George Ian Crawford, Canton
Jane Beth Davidson, Kettering
Michael Kevin Davis, Peachtree City, Ga.
Robert Bruce Davis, Columbus
Joy Elaine Davis, Tiffin
Jeanette Ojukie, Cincinnati
Daniel Epstein, Columbus
Sarah Ferraro, Columbus
William J. Fleming, Delavan, Wis.
Thomas Paul Fox, Alliance
Mark Howard Gama, Dayton
Chana L. Gandal, Cleveland
Kristin Lee Gatherum, Dublin
Bethanne Gibbons, Grove City
John Charles Girvin, Centerville
James J. Gleason, Weymouth, Mass.
Malinda Ray Goodman, Bexley
Paul Ron Greene, Xenia

Tomas Ellen Greessel, Columbus
Demetrios Grzywaczek, Parma
Paul William Hamm, Lakewood
Gigi S. Hanna, Columbus
Michael Paul Hanson, Rocky River
Vicki Lynn Hankey, Columbus
Mary Suzanne Hendrick, Madeira
Steven William Howard, Lima
Susanne Smith Inglis, Columbus
Mary Frances Kaiser, Columbus
Linda Louise Kelly, Columbus
Brenda Marchington Kelley, Delaware
Sharon Frances Kelly, Lindswald, N. J.
Christopher Joseph Kempf, Columbus
Jack Allen Kerstetter, West Salem
Jeanne Laverne Kicner, Zanesville
Robin Denise Klawon, Painesville
Brian Keith Knodel, Marysville
Douglas P. Knox, Columbus
Allison Elaine Laws, Worthington
Carol Linda LeMasters, Marion
James Richard Lemon, Malintta
John Farrell Lykins, Dayton
Melissa Lee Mabon, Carter Lake, Ia.
Jane Marie Mackin, Columbus
Kathleen P. Martin, Delaware
Gal Gi. Markus, Port Thomas, Ky.
Daniel Lee Martin, Johnstown
Larry G. Mathews, Brookpark
Craig Thomas McGlinch, Middletown
Keith G. McCormick, Akron
Holly Anne Mihlert, Columbus
Timothy L. Meta, Sidney
Leann Milius, Dublin
Karen Adele Molvik, Beechhurst, N. Y.
David Edward Morse, Columbus
Eileen Elizabeth Murray, Lorain
Susana Marie Noble, Stoutsville
Lynn Ann Ochsendorf, Columbus
Tavinya Aparicio O'dwarski, Grove City
John Brent Offenberger, Cincinnati
Kelly Barton Os, Worthington
Kathleen Ann Ormiston, Columbus
Carol Anne Ottolenghi, Worthington
John Michael Pettibone, Columbus
Mary Lee Pieper, Columbus
Eugene S. Pickel, Columbus
David M. Redding, Delaware
Rita Anne Rice, Piketon
Lynn Marie Rust, Pickerington
Amy Carleton Sancetta, Moreland Hills
Jeffrey Michael Sand, Massillon
Robert Paul Scher, Jr., Columbus
Paul Francis Schlichting, Stow
Ian Blff Schlossman, Mansfield
Mary Lynn Schwager, Columbus
Judith Ann Seberlon, Dayton
Karen V. Shaudy
Washington, Pa.
Christine Anne Shurilla, Louisville
Quintin Franc Smith, Kettering
Patricia Ann Sprouse, Columbus
Leslie Diane Steele, Columbus
Karen M. Stabo, Avon
Michael Matthew Stanek, Dayton
Barbara Eileen Thornton, Columbus
Douglas H. Tilson, Columbus
Roberta Ann Vachon, Marion
Louise Ann Veeo, Columbus
Laurie Lynn Walker, Columbus
Lynn Eugene Wetzel, West Jefferson
Michael Andrew Wodarczyk, Grove City
Debra Katherine Wolski, Put-in-Bay
Alan Way, Parma, Ohio
Erol Ander Woods, Chillicothe
Dawn Amelia Wray, Dayton
Julie Ann Wynd, Canal Winchester
## College of Mathematical and Physical Sciences

**Dean:** Colin B. B. Bull

### Bachelor of Arts

<table>
<thead>
<tr>
<th>Name</th>
<th>City/Town</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greg Alan Arnette</td>
<td>Worthington</td>
<td>Ohio</td>
</tr>
<tr>
<td>Jeffrey Lynn Haist</td>
<td>Circleville</td>
<td>Ohio</td>
</tr>
<tr>
<td>Robin Masuko Baker</td>
<td>Mt. Healthy</td>
<td>Ohio</td>
</tr>
<tr>
<td>Atley Hash</td>
<td>Columbus</td>
<td>Ohio</td>
</tr>
<tr>
<td>John Cory</td>
<td>Worthington</td>
<td>Ohio</td>
</tr>
<tr>
<td>Dorothy Allen</td>
<td>Columbus</td>
<td>Ohio</td>
</tr>
<tr>
<td>William Howard Adams</td>
<td>Dayton</td>
<td>Ohio</td>
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<tr>
<td>Marceline Jenise Alexander</td>
<td>Dayton</td>
<td>Ohio</td>
</tr>
<tr>
<td>George Henry Stuckey</td>
<td>Sunbury</td>
<td>Ohio</td>
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<td>Christopher York Armitage</td>
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## College of Social and Behavioral Sciences

**Dean:** S. Earl Brown

### Bachelor of Arts

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<thead>
<tr>
<th>Name</th>
<th>City/Town</th>
<th>State</th>
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<tbody>
<tr>
<td>Julie Ann Ackerman</td>
<td>Marion</td>
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<tr>
<td>William Howard Adams</td>
<td>Struthers</td>
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<td>Marceline Jenise Alexander</td>
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<td>Mayfield Heights</td>
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<td>Susan Hanley Baird</td>
<td>Mariemont</td>
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<td>Alison Baker</td>
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<td>Brian Eisenhart</td>
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<td>Scott Miller</td>
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<td>Deborah Bevis</td>
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<td>Minda Georgie Stuckey</td>
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<td>Audrey Bernice</td>
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<td>Ivan Rees</td>
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<td>Donald Wayne Dickerson</td>
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<td>Kathryn D. Dungan</td>
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<tr>
<td>Zhao Min Chen</td>
<td>Shenyang</td>
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<tr>
<td>Benjamin Porritt</td>
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Jeffrey Edward Krawczyk, Newton Falls

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B.S.

Russell Harold Arendt, Cleveland
B.A. (Case Western Reserve University)

Edward George Babits, Columbus
B.D., B.S.

Robert Wesley Barnett, Jr., Portsmouth
B.S.

M. Frank Beck, Jr., Youngstown
B.S. (John Carroll University)

Stephen Michael Bezdys, Youngstown
B.S.

Mark Steven Bello, Columbus
B.S.

James Leo Bening, Minster
B.A. (University of Toledo)

Raymond Edward Bernotas, Gates Mills
B.A. (Case Western Reserve University)

Mark Steven Bensdorf, Columbus
B.S.

John Robert Bettineschi, Jr., Dillonvale
B.S.

Pamela Jean Bowman, Chicago, Ill.
B.A. (Bradley University)

Timothy Bergin Brindgarden, Painesville
B.S. (University of Miami)

Michael R. Brooks, Youngstown
B.S. (Youngstown State University)

Karl Burgess, Southport, England
B.A. (Oglethorpe University)

John Alan Burns, Barberton
B.A. (University of Toledo)

Allen Dean Carnes, Columbus
B.S.

Jack Daniel Castilla, Warren
B.S.

Michael Alfred Cheney, Newton Falls
B.A. (Thiel College)

Michael Patrick Cloran, East Liverpool
B.S.

Timothy Brian Coffelt, Springfield
B.S.

Steven Scott Cole, Shaker Heights
B.S., M.A. (Kent State University)

Andrew Miller Connor, Columbus
B.A. (Miami University)

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<tr>
<th>Name</th>
<th>Degree(s)</th>
<th>Institution</th>
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<tr>
<td>David Harry Conrad</td>
<td>B.A. (University of Akron)</td>
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<td>James Harry Cottle</td>
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<td>James Harry Cottle</td>
<td>B.S. (Ohio University)</td>
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<tr>
<td>Mary Cecilia Crosby</td>
<td>B.S. (New York City)</td>
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<td>Stephen William Curran</td>
<td>B.S. (University of Cincinnati)</td>
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<td>Charles William D'Aluto</td>
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<td>Michael Wayne Davis</td>
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<td>Gina Denise Dean-Mills III</td>
<td>B.S. (University of North Carolina)</td>
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<td>Donald Anthony DeChellis</td>
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<td>John Fredric Denison</td>
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<td>Raymond Robert Duff</td>
<td>B.A. (Cambridge)</td>
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<td>Gary Gary Dixon</td>
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<td>Nancy L. Drescher</td>
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<td>Renee Bowley Emerich</td>
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<td>Abraham Esses</td>
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<td>Norman Ernest Factor</td>
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<td>John Milton Fieck</td>
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<td>Raymond Robert Fennor</td>
<td>B.A. (Case Western Reserve University)</td>
<td>M.Ed. (Cleveland State University)</td>
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<td>Husnita Fick</td>
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<td>Nancy Walsen Garlisi</td>
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<td>Jay Robert Gaunt</td>
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<td>Roger D. Glenn</td>
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<td>Scott Earl Gray</td>
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<td>Eric Dean Henize</td>
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Don Carl Matnes, Cleveland B.S.
Charles Michalak, Toledo B.A., M.S. (University of Toledo)
David Anthony Migliore, Dover B.S. (University of Pittsburgh)
Dennis Alan Monroe, Fairview Park B.S. (Kent State University)
Alan Evan Moore, Niles B.A. (Case Western Reserve University)
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M.S. (Rutgers University)
John Michael Olin, Wadsworth B.S.
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Patricia Ann Ryan, Mansfield B.S. (Northeastern University)
Martin Scott Salmon, Tonawanda, N. Y. B.A. (S.U.N.Y. at Buffalo)
John Clarke Sanders, Jr., Shaker Heights B.A. (University of Virginia)
John Norge Santih, Akron B.S. (University of Akron)
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Kathleen Lee Schroeder, Toledo B.A. (Wellesley College)
M.S. (Case Western Reserve University)
Michael Robert Schumacher, Cincinnati B.S.
Alice Amy Selasophi, New York City, N. Y. B.A. (Marymount College)
Gregory Carl Seymour, Ashtonbula B.S.
Lee Michael Shapiro, Lyndhurst B.S. (University of Cincinnati)
Andrew Shemella, Garden City, N. Y. B.S. (State University of New York)
Raymond Alan Sheridan, Grove City B.S.
Gary Dennis Shue, Akron B.S.
David Kirkwood Sickinger, Tuscarawas B.S. (Muskingum College)
Dennis Wayne Sindel, Columbus B.S.
Rick Michael Singel, Columbus B.A. (Marietta College)
J. Sheldon Smith, Cridersville B.S.
James Leon Sotlys, Alliance B.S.
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Mark Nolan Stucker, Kettering B.S.
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Laura Diane Swords, West Islip, N. Y. B.S. (State University of New York at Stony Brook)
Scott Lee Thatcher, Wren B.S. (Miami University)
Christopher Thielken, Cincinnati B.A. (Miami University)
Gary Allen Thomas, Springfield B.A.
Timothy C. Tilton, Caldwell B.S. (Ohio University)
Barth Matt Tothman, Columbus B.S. (Louisiana State University)
Franklin E. Tuttle, Georgetown B.S. (University of Cincinnati)
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M.A. (Appalachian State University)
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Suna Elizabeth Woods, Chillicothe B.S.

Certificate of Graduate Dental Hygienist

Julie Ann Ackerman, Marion Mollie Marie Ahern, Akron
Christine Annette Allen, Canton Eileen Landwei Andrew, Mentor
Brenda Ann Arth, Bay Village Robin Sue Askey, Cincinnati
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Chana Leah Gandel, Cleveland Lynn Diane Graham, Bellefont
Deborah Lynn Graves, Columbus Chashe Leah Hanzel, Cleveland
Cynthia Lee Hausenstein, Galion
Jayne Frances Johnson, Columbus Jean Susan Kaplan, Akron

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College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Susanne Adams, Newark
Arumugam Agathiappan, Kuala Lumpur, Malaysia
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Jacqueline Diane Alder, London
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Sharon Linda Curtin, Beachwood
Kathryn Frances Darley, Columbus
Gary Lee Davis, Columbus
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Peggy Eileen Dean, Columbus
Scott Edwin Decatur, Columbus
Judd DelFratte, Worthington
Wendy Sue Delosanto, Columbus
Donald Robert DeMarco II, Conneaut
Charles Lynn Dent, Columbus
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Carol Sue Draper, Delphi, Ind.
Lynette Marie Drumm, Westerville
Brenda Ellen Duff, Newark
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Katherine Mary Jackson, Parkersburg, Wv.
Donna Jean Karl, Maryland
Melinda Joy Kats, Akron
Michael William Keener, Columbus
John E. Kemper, Columbus
Theresa Anne Kempner, Minster
Nancy Ann Kerber, Columbus

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Barbara Leigh Rhoads, Columbus  
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Kimberly Jo Riley, Chillicothe  
Robin L. Ring, Lima  
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Tom Joseph Senger, North Canton  
Deborah Sue Schulman, Beachwood  
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Janet Naomi Severance, Columbus  
Charles Alan Shearer, Worthington  
Deborah A. Brown Sheridan, Grove City  
Douglas Lynn Shoenaker, Columbus  
Vickie Renee Shoemaker, Pandora  
Debra Ann Shreiro, Gibsonburg  
Ra Nang Sia, Kuala Lumpur, Malaysia  
Donna L. Silber, Mt. Prospect, Ill.  
Pamala Drone Simms, Columbus  
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Kim J. Sinkhorn, Kettering  
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Jennifer Lynn Slater, Jeromesville  
Connie Sue Slub, Marion  
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Fred Daniel Smith, Springfield  
Tamar Naomi Sorin, University Heights  
Ronda Rae Spencer, Roswell, Ga.  
Nola Linn Sperry, Bowling Green  
Deborah Beard Stehle, Dublin  
Robert Joseph Stephen, Georgetown  
Christine Marie Stephens, Columbus  
Deborah Esther Stern, Beachwood  
Susan Marie Stockdale, Lakewood  
Jill Anne Stonecipher, Bridgeville, Pa.  
Douglas William Strain, New Carlisle  
Donna Marie Striley, Centerville  
Carrine Lynn Stroshin, Gahanna  
Stephan Carl Sturgeon, Hartley  
Kimberly Kay Styker, Columbus  
Ruth Ann Coffman Sullivan, Newark  
Brian Gerald Supplies, Columbus  
Gloria Belinda Sutton, St. Mary's  
Lana Jean Swartz, Columbus  
Randal Lee Swisher, Beavercreek  
LuAnn Swoyer, Pickerington  
Laura Ellen Tanner, Valley Stream, N. Y.  
Lisa Marie Taylor, Columbus  
Diane Sue Tevere, Alliance  
Lee Lynn Thomas, Marion  
Melinda Horst Thomas, Ashland  
Michael James Thomas, Worthington  
Carmen Melissa Thompson, Columbus  
Timothy Michael Tullis, Kirtland  
Don William Turner, Kettering  
Karen Katherine Turner, Hubbard  
Linda Marie Uhle, University Heights  
Jan Louise Ullrey, Dublin  
Charles Ann Umstead, Columbus  
Joan Marie Varela, K. Vanaiki, Columbus  
Karen Adler Turner, Portage, Ohio  
Kendall Wood, Kalida  
Rinda Jo Wagner, Wapakoneta  
Kathleen M. Wald, Euclid  
Lisa Marie Wallace, Toledo  
Joan Leslie Rigali-Rankin, Lima  
Deborah L. Weber, Grove City  
Barbara Ann Weese, Upper Arlington  
Ellen Debra Wells, Elyria  
Robin Rasheed Willman, Urbana  
Donald Joseph Witus, Caledonia  
Diane Theresa Wenning, Coldwater  
Connie J. Weise, Massillon  
Cheryl Anne White, Lima  
Michaele Ann White, Lima  
Andrew Joseph Whitman, Worthington  
Katherine Anne Wiebenga, Euclid  
John Oliver Wiese, Fairport Harbor  
Christopher Paul Williams, Worthington  
Rhonda Conroy Williams, Marion  
Wendy Jean Willis, Tipp City  
Cyntia Ann Wilson, Grove City  
Janet Kay Wilson, Columbus  
Scott A. Wilson, Monroe, Mich.  
(E.A. Park College)  
Robert Dwain Winland, Pleasant City  
Cyntia Kay Woods, Brewster  
Carol Lynn Workman, Canton  
Dawn Amelia Wray, Columbus  
Donald Thomas Wurth, Columbus Grove  
Elizabeth Louise Young, Worthington  
Judith Lynn Youngblood, Lyndhurst  
Martin Andrew Zender, New Riegel  
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. Glower  

Bachelor of Science in Aeronautical and  
Astronautical Engineering  
Donald Thompson Baggs, Jr., Worthington  
Dan Joseph Batts, Columbus  
Richard Fabian Catalano, Lorain  
Dean Lefroy Davis, Columbus  
Thomas Dwight Fox, Worthington  
Dean LeRoy Davis, Columbus  
Donald Thompson, Columbus  
John Phillip Good, Claymont, Del.  
Mark Franklin Gurey, Marion  
William Michael Hagan, Oakbrook, Ill.  
Michael Scott Hinckley, Cleveland  
Mohammad-Ali Jamnia, Tehran, Iran  
Terry Brad Johnson, Worthington  
Jonathan Kern, Kutztown, Pa.  
Richard Michael Kotas, Columbus  
David Robert Kuechenmeister, Columbus  
Michael Steven Lavile, Rostyn, Pa.  
Abraham Jay Laverter, Columbus  
Malcolm Kenneth MacLean, Columbus  
William John Moorefield, Columbus  
Alan Jerome Mortensen, West Chester  
Mark Alan Rodu, Columbus  
Gary Allen Ruff, Oak Harbor  
Wayne Thomas Rullman, Shelby  
Herminck Heinrich Selder, Pickerington  
Timothy Leo Sheaf, Columbus  
James Brian Shilling, Columbus  
Michael Martin Swick, Cleveland  
Raymond Joseph Trouce, Jr., Marie, Mich.
Bachelor of Science in Agricultural Engineering

Philip Scott Beathard, London
Ernest Patrick Caputo, Euclid
James Alan Ehret, Richwood
Mary Kay Mcintyre, Hilliard
Douglas Alan Foulke, Columbus Grove
David Charles Hesseling, Delphos
Thomas William Hopper, Delaware
Kenneth Eric Kolb, Wellington
Jonathan Burton Lee, St. Louis, Mo.
James Elaine Reilly, Norwalk
Jerome John Roell, Harrison
Scott Allen Sherer, Tipp City
Christopher Dione Blemm, Zanesville
Douglas Alan Vandervoort, Richfield
Steven Michael Wilson, Lancaster

Bachelor of Science in Ceramic Engineering

John Francis Bonstall, Zanesville
Cynthia Lynn Conner, Woodfield
Thomas McFarland Findlay, Northfield
James Charles Fox II, Dover
Robert Steve Frank, Columbus
Curtis Gale Frost, Wooster
Carla Ann Hamernik, Perryburg
Mark David Hargis, Columbus
Bradley Wendt Kibbel, Youngstown
James Douglas Kiser, Columbus
Marc Brian Kutter, Zanesville
Andy Ivan Mcloughlin, Bucyrus
Jeffrey Lyn Miller, Westerville
William John Moore, Chagrin Falls
Melinda Jane Roach, Sidney
Michael Harold Rosch, Sidney
Jeffrey Wayne Smith, Logan
Gary Curtis foyer, Shreve
Randall Douglas Watkins, Lake Dallas, Tex.

Bachelor of Science in Chemical Engineering

Kimberly Ann Arnold, Marietta
Jerry Lynn Banker, Cincinnati
James Christopher Bilsbaugh, Kingston
Donald Allan Chudanow, Mogadore
Edward Wilson Claugus, Birmenville
Robert Thomas Coates, Jr., Columbus
Nancy Carolyn Coultrip, Rocky River
John Rutherford Cromb III, North Canton
George Craig Dagnall, Westerville
William John Dawson, Columbus
Noreen Gall Detwiler, Mansfield
Christopher A. Eldred, Cleveland
Charles Eldon Engelhardt, Alger
Mark Edward Frena, Findlay
Ronald Avery Gibson, North Olmsted
D. Roy Goldsberry, Wooster
Michael Alan Groh, Atwater
Mark Trevor Harmon, Euclid
Daniel Richard Harriman, Cincinnati
Bennie Eugene Hill II, Granville
Warren Robert Hoffman, Ashville
Larry Leon Holt, Lima
Thomas E. Hornish, Oakwood
Nancy Jane Humrell, Wellington
Robert Edward Jackson, Galion

James Glenn Lawrence, Dalton
Douglas Vernon Lenz, Curtice
Thomas Peter Mark, Melville, N.Y.
Gregory Nelson McDaniel, Alger
Anthony James Nadratski, Chagrin Falls
William E. Naseman, Bedford
Juanas Mercedes Ortega,
Marcay Edo Araguz, Venezuela
James Joseph Politz, Columbus
Lewis Michael Popplewell, Winterville
William Joseph Richards, Mentor
Edward Joseph Rietschel, Cincinnati
Raymond Joseph Rolley, Jr., Westerville
Bruce Martin Spacer, Lima
Lucilina St., Chesterland
Anthony Robert Suerer, Delphos
Jeffrey Joseph Tokarsky, Sylon
Harry Charles Wolf, Jr., Amherst

Civil Engineer

Ilkay Inan, Sirkeci, Istanbul

Bachelor of Science in Civil Engineering

Amer Ahmad, Lahore, Pakistan
George Stephen Billisats, Gahanna
Alan Scott Burnett, Cortland
Thomas Joseph Calto, Jr., Columbus
William Louis Chlebowy, Buffalo, N.Y.
Gregg Mark Clingerman, Columbus
Kenneth Harold Davis, St. Henry
Michael Duff Dixon, Reynoldsburg
Timothy Alan Douglass, Mentor
John Edgar Foner,
New Martinsville, W. Va.
Robert Charles Gorman, Binghamton, N.Y.
Allan Michael Guest, Kettering
Paul F. Hammond, Jr., Columbus
James Lee Hampshire, Findlay
Jeffrey Jack Harris, Willoughby
Gary Lee Haranney, Youngstown
Soyel Muzammil Harazani, Lahore, Pakistan
Robert David Henderson, Parma
Mark Anthony Hylton, Mianeville
John Jennings Johnston, Coolspring
Mark Allen Katona, Painesville
Denise Louise Kunz, Maumee
Mark Whetter Law, Zanesville
Robert William Lawless, Grove City
Gary Robert Long, Columbus
David Jonathan Mark, Worthington
Michael James Martin, Lima
Karen M. Merrick, Youngstown
Scott M. Miller, Bedford
Mehdi Mozamzami, Yusufabad, Tehran, Iran
Joseph E. Nettler, Columbus
Karen Joanne Paolletti, Columbus
Charlene Rose Palmer, Columbus
Allen David Robinson, Columbus
Rees Ann Robinson, Akron
Thomas Allen Schneider, Worthington
William Dean Sengalkis, Pickerington
Jeffrey David Strohminger, Kettering
Muhammad Tahir, Rawalpindi, Pakistan
Sahib Umerali, Columbus

Edward Joseph Von Hagel, Madeira
John David Wiles, Painesville
John Yabush, Jr., Amherst

Bachelor of Science in Computer and Information Science

Ralph Martin Beher, Marion
Genita Kay Bottler, Wadsworth
James Edward Bouyack, Clyde
Kevin Lee Bowling, Heath
Christopher Allen Harris, Toledo
Jeanette Lynn Jacob, Mt. Vernon, Va.
David Leroy Johns, Hicksville
Terrance Owen Johnson, Reynoldsburg
Michael Charles Kirner, Sandusky
William Arvid Kramer, Youngstown
John Lowe Linden, Columbus
Bryan Michael Monaghan, Dayton
Scott Michael Morton, Waldorf
Lawrence Edward Phelps, Cambridge
Bruce Henry Ratcliff, Chillicothе
Bret Phillips Smith, New York
Dale Edward Stills, Lakewood
Michael Anthony Williams, Cleveland
Daniel Jordan Yocum, Columbus
Darrell Franklin Yocum, Columbus

Electrical Engineer

John Alfred Reed Spooer, Cincinnati
Gerald Robert Vlassak, Columbus

Bachelor of Science in Electrical Engineering

John Douglas Armstrong, Barberton
Ronald Dru Ross, Columbus
Shirley Marie Balbough, Columbus
Stephen Joseph Biesiewicz, Fairlawn
Robert Scott Bindley, Marion
Luis Guillermo Boggiano, Caracas, Venezuela
Bill A. Boudouris, Sylvia
Scott Peter Bradley, Sinton
Thomas Dean Breithaupt, Marion
Joseph Mark Briggs, Westerville
Richard Anthony Burg, Columbus
Robert Nicholas Captor, Smithfield
David Alan Chadsey, Dayton
Roger Alan Chorba, Columbus
Michael Warren Cochran, Elyria
Brian Broughton Conley, Berea
William Alexander Copich, Youngstown
John Henry Cramer, Jr., Marietta
David William Conover, Piketon
Richard Paul Diner, Mansfield
Ralph Lee Edwards II, Columbus
Todd Larry Enges, Sylvia
Wayne Edward Evans, Lancaster
Mark Edward Faye, Tiffany
James Allan Fisher, Englewood
David Moore Fisk, Cincinnati
Jeffrey Jon Fox, Newark
Walter Edward Franklinw, Elyria
James Alan Gault, Grafton
James Leonard Greene, Canton
Louis John Guiys, Westerville
Brett Peter Gundlach, Washington C. H.
Michael Thomas Guthrie, Vinton
Kenneth Joseph Harrah, Sylvia

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Jeffrey William Hegemier, New Knoxville
Warl Edwin Heifru, Bay Village
Gregory Thomas Holden, Urbana
George Chia Yin Hsieh, Kowloon, Hong Kong
Robert Eugene Hull, Columbus
James Walter Iseli, Columbus
William Randall Jacobs, Upper Arlington
Jeffrey Laurence Jefferson, Columbus
Ed Wing Kui Kan, Columbus
Kevin Lee Kizer, Marion
Richard Edward Leonard, Beavercreek
William Randall
Ed Wing Kui Kan, Columbus
Kevin Lee Kizer, Marion
Mark Timothy Maguire, Mansfield
Daniel Edward Lewis, Beavercreek
Mark Timothy Maguire, Mansfield
David Charles Mealey, Fairview
John Edward Mueller, Jr., Fostoria
Gregory Phiet Manit Phongmekin, Columbus
Paul Charles William Marek, Columbus
James Kenneth Martin, Galloway
David Charles Mealey, Fairview
Richard Edward Leonard, Beavercreek
Paul Industrial Engineer
Ronald Dainis Kursinskis, Columbus
Joseph Marcelonis, South Amboy, N. J.
Charles William Marek, Columbus
James Kenneth Martin, Galloway
David Charles Mealey, Fairview
Gregory Robert John Phiet Manit Phongmekin, Columbus
Mark Alan Pilkington, Columbus
Roy Edward Ratliff, Columbus
Albert Mark Rose, Columbus
Walter F. Schoonover, Jr., Gallipolis
William Edward Schleder, Columbus
Eugene Richard Schroeder, Columbus
Bruce Edward Shockey, Troy
Mark Richard Sheen, Salem
Patricia Lynn Sonner, Warren
Kari Staas, Lima
Joseph Francis Strong IV, Plemington, N. J.
Michael G. Strung, Middleburg Heights
Sagar Vidyadhur Suparnekar, Columbus
David David Edgerton, Powell
Edwin Lynn Utt, Columbus
Glen Edward Vaughn, Beavercreek
Randall Scott Whitacre, Beverly
Gary Robert Wires, Wooster
Douglas A. Yakube, Fosteryburg
Cynthia Janann Yancey, Findlay
Stephen John Yenney, Piqua
Rebecca Ruth Young, Columbus
Andrew Charles Zacharias, Harleysville, Pa.
Jay Charles Zeed, Zanesville
Steven Zeller, Columbus
Michael Christopher
Bachelor of Science in Mechanical Engineering
Joseph Anthony Abbruzzo, Howell, N. J.
Michael Thomas Adams, Mount
Roger Guy Bane, Worthington
David Alfred Bryant, Jr., Columbus
Jeffrey Blake Mitchell, Columbus
David Robert Blumenstock, Columbus
Jeffrey Campbell, Bexley
Jeffrey Carpenter, Elyria
David Byron Case, New Philadelphia
Jaqkleline H. Chen, Athens
Bruce Thomas Choate, West Chester
Wendell Lee Colburn, Columbus
Janie Patricia Connor, Canton
George Edward Cook, Cincinnati
Gary Joseph Cyn, Columbus
Steven Douglas Dinges, Tiffin
Frank Everett Dipaolo, Columbus
Cathy West Dougherty, Portsmouth
Izak Max Ellis, Columbus
Randall Robert Earnest, Lucas
Jeffrey A. Ficko, Columbus
Gary A. Fitamire, Springfield
Patrick Chester Gallagher, Sandusky
Joseph Stephen Green, Old Tappan
Thomas Allan Greathem, Lima
Diane Marie Hasko, Beres
Thomas John Holliday, Lakewood
Brian Ernest Holloway, Akron
Jack Harvey Houchard, Columbus
Leslie Ann Hober, Bellefontaine
JoAnne Carla James, Akron
Richard Charles Jingle, Shadyside
Warren Charles Johnson, Middletown
John Faunce King, Columbus
Cedret Gerald Koski, Chagrin Falls
David Anthony Baker, Connex
James Edward Leister, Columbus
Scott Brian Ludwig, East Liverpool
Melissa Malott, Grove City
Edward James Mantey, Cincinnati
Richard Lee Masey, New York
Kevin Weston McNahan, Greenville, S. C.
Richard Duane Michelbauch, Reynoldsburg
Michael Paul Millar, Rio Rancho, N. M.
Steven Worthington Miller, Columbus
Diane Joyce Misko, Martins Ferry
Jeffrey Brent Mordas, Hudson
Steven John Mozes, Dayton
Jeffrey James Nieter, Lima
Ludwig Ray Osbourn, Jackson
Christian Carl Petersen, Newark
Raymond Richard Pilhus, Chesterton
Anthony Alan Prevette, North Olmsted
Timothy Michael Punch, West Chester
Thomas Arthur Raterman, Sidney
Jeffrey Wayne Reynolds, Columbus
Louis Jeffrey Rigrish, Columbus
Scott Howard Roof, Canton
Steven Michael Schober, Columbus
Albertus G. Seider, Columbus
Carl Arthur Selle, Westerville
William Blair Show, Bremen
Daniel Drew Smith, Cincinnati
Stephen Douglas Smith, Mentor
Jeffrey Todd Stolarski, Westport
Aphimuk Taffayongvichit, Bangkok, Thailand
Todd Alan Talbert, Lancaster
Kerry Glenn Trimble, North Lewisburg
Constantine Tzamoy, Columbus
Donald Steven Wagner, Cincinnati
Robert Leo Wanstelacher, Jr., Columbus
Donald Thomas Wilke, Columbus
Raymond Earl Zeller, Reynoldsburg
Bachelor of Science in Metallurgical Engineering
Michael Kurt Abernethy, Steubenville
Michael J. Ashley, Mansfield
Jeffrey J. Beatty, Meadville, Pa.
Sue Marie Beery, Columbus
Karll Richard Biezak, Columbus
Philip Gail Breig, Dayton
Robert Allen Bullock, Brook Park
Michael Christopher Ceb, Amherst
Barbara Jean Cummiskey, Worthington
Thomas Kevin Duffin, Columbus
Steven Everette Gray, Lowell
Jeffrey George King, Columbus
Marcia Adele Klimamas, Garfield Heights
Robert Anthony Krivanek, Mayfield Village
Christopher Allan Long, Worthington
Steven Lewis McInnis, Tipp City
David Benjamin Phillips, Toronto
Erik Scott Powell, Worthington
Mary Rita Thomas, Columbus
MarkEdward Watkins, Marion
Patricia Ann Worrell, Middletown
Bachelor of Science in Mining Engineering
Rahim Ghorbanzadeh Haghighi, Columbus
Bachelor of Science in Surveying

David Wayne Goodrich, Columbus
James Lee Hampshire, Findlay
Robert David Henderson, Parma
John Jennings Johnson, Coshocton
Thomas Brian Skinner, Columbus Grove
Michael Allen Straub, Columbus

Bachelor of Science in Welding Engineering

Robert Allen Anderson, Alexandria
Robert Mark Baird, Troy
Lawrence Evans Brown, Columbus
William A. Bruce, Grove City
Michael Lester Foos, Marion
Frederick John Gentry, New Iberia, La.
Ronald Joseph Guerra, Sandusky
Lawrence Bruce Hall, Columbus
Joseph Joseph Lutz, Evanston, Ind.
Paul Joseph Marciniak, Waukegan, Ill.
John April Manzi, Alliance
Joseph James Mascellino, Steubenville
John David Matthews, Wellston
Keith Eugene Mengel, New Albany
Blaise David Metzger, Findlay
Christopher Michael Nersy, Cincinnati
David Francis Powell, Thornville
William Thornton Randolph, Western Springs, Ill.
Dale Scott Raiche, Columbus
Roderick Jason Renwick, Columbus
Gregory Michael Rodgers, Columbus
Mark James Simon, Canoga Park, Calif.
Frederick Alan Smith, West Alexandria
Elizabeth Ann Thompson, Columbus
Stanley Charles Tripp, Columbus

School of Architecture

Bachelor of Science in Architecture

Bradford Lee Angelini, Barrington, R. I.
Dana Blumenfeld, Ramat-Gan, Israel
Susan Maria Budinsky, Cincinnati
Jeffrey Lee Burgs, Columbus
Ronald Canini, Whitehall
Thomas Eugene Carter, Fredericktown
Shih-Hong Chen, Columbus
Janis Robert Circenis, Indianapolis, Ind.
Charlotte Rae Dewald, Columbus
Gus Andrew Ellopoulos, Columbus
Mark Philip Fad, Mansfield
Vahid Gohbadian, Tehran, Iran
William Thomas Griffin, Lexington, Ky.
Donald Wayne Hange, Elyria
Mordechai Han, Givat Schmuel, Israel
Dong Chul Ham, Seoul
Peter Claus Kohl, Kettering
Donald John Leonard, Worthington
James Jeffrey LeRose, Columbus
Paraskeri Christos Liapis, Athens, Greece
Edward Trent Luebben, Youngstown
Theresa Maria Luthman, Columbus
Patrick William Manley, Columbus
Michael Lee Mayfield, Mason
Kevin John Miller, Montroseville
Richard Louis Nitschke, Marengo
Arturo Gabriel Palombo, Rockaway
Thomas Gregory Pendery, Columbus
Jeffrey Alvin Pierce, Columbus
Lee Jay Rumora, Ashtabula

Paul Siembrorski, Garfield Heights
Charlotte Barber Sounik, Columbus
David Raymond Stock, Dayton
Kyle Anthony St. Peter, Solon
David Roger Swanland, Worthington
James Lee Mayfield Turner, Livingston, N. J.
Ronald Karl Wiendl, Tonawanda, N. Y.
Theodore John Williamson, Warren
Alan Tseuehong Wong, Columbus

Bachelor of Science in Landscape Architecture

Kevin Dale Brandt, Cincinnati
Joyce Marie Brenwald, Geneva
Susan Williamson Burkhart, Columbus
Jennifer Gay Clark, Dayton
Anthony Joseph Collini, Chesterland
Kathleen Marie Colson, Gahanna
Karl Erich Holger Conrad, Columbus
Gail Beatrice Dorsey, Columbus
Kimberly Sue Fleece, Akron
David Edgar Giddens, Maumee
Laura Lee Hallett, Sylvania
Timothy Jon Halmy, Toledo
Joyce Ellen Haras, Delaware
Heidi Jane Hasenroth, Novelty
Kent Alan Herron, Newark
Thomas William Hiavn, Shaker Heights
Susanna Ruth Jacobs, Hilliard
Craig Scott Johnson, Vandalia
Timothy Paul Korose, Kettering
Wendy Jane Mahovlic, Euclid
Jeffrey Philip Morosky, Columbus
Joseph John Plumpe, Delphos
Timothy David Proven, Columbus
Lawrence Anthony Renda, Steubenville
Kathleen Rose Roberts, Middletown
Thomas William Scanlon, Mississauga, Ontario
Jeffrey Earl Schafer, Akron
Laura Jean Scott, Columbus
Brian Kent Sherman, Independence, Mo.
Jose Blaine Skelton, Canfield
Steven Dwight Staat, Columbus
Walter Chad Stacheck, Water Mill, N. Y.
Timothy Alan Stall, Willoughby
Dale William Steigerwald, Columbus
James Kite Stickley, Urbana
Robert Jeffrey Stone, Lima
Robert Joseph Terbrueggen, Cincinnati
Raymond Bruce Thomas, Chesterland
David Selji Toguchi, Cleveland Heights

College of Law

Dean: James E. Meeks

Jurus Doctor

Leozacio Agrosino, Westlake
Raymond Allain, Massillon
Charles Sheridan Allainson, III, University Heights
Thomas Richard Allen, Bay Village
Mitchell Jay Alter, Dayton
David Cecil Anderson, Lisle, III.
B.S., M.B.A.

James Robert Aukerman, Glen Ellyn, Ill.
B.S. (Indiana University)
Mary Louise Bachman, Chardon
B.A. (University of Cincinnati)
Stephanie Jo Baker, North Canton
B.A. (Bowling Green State University)
Michael C. Barra, Huntsville
B.A.
Keith Travis Bartlett, Columbus
B.A.
Stephen Robert Beckham, Somerset
B.A. (College of Charleston)
Robert Mark Bibler, Lancaster
B.S. Bus.Adm.
Marilyn Joan Briem, Columbus
B.S.
Jack Alan Boller, Columbus
B.A. (University of Notre Dame)
Michael Robert Booth, Dayton
B.A. (Miami University)
Robert Donald Brown, Ironton
B.A. (University of Cincinnati)
Ehanno Sayers Buck, Columbus
A.B. (Bowling Green State University)
Stephen Randall Brunsman, Coshocton
B.S.
David Nelson Brockett, Garrettsville
B.A. (Kent State University)
Richard Donald Brown, Ironton
B.A. (University of Cincinnati)
Ehanno Sayers Buck, Columbus
A.B. (Bowling Green State University)
Jo Lindseth Busser, Columbus
A.B. (Connecticut College)
Jason Harris Calhoun, Yeadon, Pa.
B.A. (Yale University)
Maria C. Campo, Columbus
B.S. (Louisiana State University); M.A.
William Arthur Cammett, Mason
S.B. (Massachusetts Institute of Technology)
Dane Carroll Chavers, Woodmere
B.A. Economics/Management (Hiram College)
J. Richard Cheema, East Liverpool
B.A. (Georgetown University)
Chester Clive Christie, Springfield Gardens, N. Y.
B.A. (Brooklyn College, City University of New York)
Jon Alexander Christensen, Washington, D. C.
B.A.
Samuel Lee Ciuu, Alliance
B.S. (Miami University)
Dennis Edward Cichon, Grand Rapids, Mich.
B.S. (William James College)

588
Jeffrey William Clark, Columbus  
B.A. (Denison University)

Bonnie Lynn Cleveenger, Greenwich  
B.G.A. (Ohio University)

Richard A. Clinton, Columbus  
B.A., B.S. (Kent State University)

Leonard Stuart Coleman, New York, N. Y.  
B.A. (University of Rochester)

Dena Dean Collins, Streetsboro  
B.S.C.E.

Janet Sue Collins, Gerville  
B.A. (Western Michigan University)

Michael Leslie Colloy, Heath  
B.A. (Capital University)

Catherine Cobern Costello, Cleveland  
B.S. Chemistry (John Carroll University)

Stephen Eugene DeMarsh, Canton  
B.S.Bus.Adm.

Marc Douglas Diets, Cincinnati  
B.S. (University of Cincinnati)

Frederick Walker Dressel, Wapakonets  
B.A. (Ohio University)

Jill Anita Driver, Lafayette  
B.A. (Bluffton College)

B.A. (Kenyon College)

Catherine Sue Dutton, Mansfield  
B.A. (University of Vermont)

Gary Eugene Ellis, Granville  
B.A.

James Craig Ellis, Dayton  
B.A. (University of Dayton)

Diane Marshall Ennist, Columbus  
B.A. Psychology and Political Science (University of Rochester)

Jona Evelyn Evans, Lancaster  
B.A. (Bowling Green State University)

Kathleen Anne Fisher, Parma Heights  
A.F.A. (Collins College);  
B.A.,B.F.A. (Stephens College)

Mark Steven Fishman, Beachwood  
B.A.

William Cartwright, Pithian III, Youngstown  
B.A. (Pennsylvania State University)

Timothy Lee France, Zanesville  
B.A. (Ohio Northern University)

Bruce Richard Freedman, South Euclid  
B.S.B.A. (Miami University)

Michael Richard French, Rocky River  
B.A. (University of Michigan)

Barbara Ruth Friedman, Cleveland  
B.S. (Indiana University)

Eileen Pruitt Friedman, Beavely  
A.B. (Indiana University)

James Richard Gallagher, Ironton  
B.S. (Miami University)

Philip Gerth Gartrell, Westerville  
B.A. (Capital University)

George Eric Gehring, Marion  
B.A. (Capital University)

Janet Diann Gibson, Xenia  
B.S., B.A.

James Anthony Giles, Mt. Vernon  
A.B. (Kenyon College)

Kathleen Collins Goldsmith, Akron  
B.S.Ag.

Helen Claire Godby, Morristown, N. J.  
B.S.

Pamela J. Grandon, Barrington  
B.S.

Anne Campbell Griffin, Westfield Center  
A.B. (Kenyon College)

Philip John Halley, Huron  
B.S.

Stephen M. Hammermuth, Huren  
B.A. Journalism

Joseph Patrick Harmon, Centerville  
B.A. (Northland College)

Connie Jane Harris, Worthington  
B.A.

Lowell Ashley Hedlund, Jamestown, N. Y.  
B.A. (Wittenberg University)

Jeffrey Alan Hennewmuth, Parma Heights  
B.A. (Baldwin-Wallace College)

B.A. (Michigan State University)

John Conrad Heinikel, Middletown  
B.A. Political Science (Miami University)

Paul Joseph Hess, Jr., Cincinnati  
B.A. (University of Notre Dame)

James Henry Holthaust, Wapakoneta  
B.A.

William Gehrett Huddle, Williamsburg  
B.A. (Princeton University)

James Scott Huggins, Ashland  
B.A.

Martin Stuart Hume, Youngstown  
B.A. (Wesleyan University)

Frederick Hunker, Columbus  
B.S.I.D.

Daniel James Hunter, Bucyrus  
B.S. Business Administration

Sandra Marie Hylant, Toledo  
A.B. (Indiana University)

Patricia Ann Jamison, Canal Winchester  
B.A. (University of Kentucky);  
M.S. (Eastern Kentucky University)

Charles R. Jones, Mentor  
B.A. (Cameron University)

Mary Elizabeth Jones, Columbus  
B.S. Education (Kent State University);  
M.A.

John James Joseph, Columbus  
B.S.

David Scott Jump, St. Marys  
B.A.

Joseph Raymond Karpowicz, Columbus  
B.B.A. (University of Notre Dame)

Renée Teischner Kaufman, Columbus  
B.S., M.A. (Northwestern University)

Thomas John Keable, Brockport, N. Y.  
B.A. (State University of New York at Buffalo)

Jacquelin Davis Keister, Celina  
B.A. Political Science

Michael Jay Kelley, New Lexington  
B.B.A. (Ohio University)

Kathryn Joan Kerr, Cincinnati  
B.A. (Denison University)

Ellen Kirschenbaum, South Euclid  
B.A. (University of Cincinnati)

Renée Veronica Koch, Sandusky  
B.A.

Michael Sablin Kolman, Doylestown, Pa.  
B.S. (Pennsylvania State University);  
M.S. (Southern Connecticut State College)

John F. Kostelnik III, Willowick  
B.S. (Miami University)

Kenneth James Kowalski, Cleveland  
B.A. (Case Western Reserve);  
M.Ed. (Cleveland State University)

Leonard Chamberlin Kutz, Potomac, Md.  
B.A. (University of Maryland)

Deborah L. Kurfiss, Fairfield  
B.A.

James M. LaGanske, Rocky River  
B.A. (Cleveland State University)

David Alan Laing, Lakewood  
B.A. (Case Western Reserve University)

Douglas William Lambert, Bellbrook  
B.A. (College of William and Mary)

Jeffrey Michael Lewis, Whitehall  
B.A. (University of Maryland)

Marc Evan Lewis, Columbus  
B.S. in Business and Economics (University of Kentucky)

Mark Douglas Long, Zanesville  
B.A. Political Science (University of Dayton)

Mark James Lucas, Marion  
B.A. (Adrian College)

Scott B. Lowry, Kettering  
B.S.

Jeffrey Dale Mackey, Groveport  
B.A.

Gregory Alan Marko, Massilion  
B.S. (Miami University)

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School of Nursing
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Elizabeth Louise Bacon, Amherst
Cynthia Lane Baird, Washington C.H.
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Susan Marie Ballmer, Columbus
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Elizabeth Dawn Benner, Columbus
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John Frederick Bolen, Howell, Mich.
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Mary Louise Booker, Berlin Heights
Jean Elizabeth Buchman, Rocky River
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Laurie Marie Collins, Dublin
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Yarley, Columbus
William, Columbus
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Kathryn Rose Woodward, Madison
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Holly Craig Conway, Marietta  
James Robert Conway, Canfield  
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David Mark Boulden, Columbus B.A.
Terry Lynn Bouroweck, Wapakoneta B.A. (Lawrence University)
Karen Sheldon Bradler, Temple, N. H.
Barbara Belle Brecknock, Elyria
Louis William Bremer, Strongsville
David Robert Brinker, Cleveland B.A.
Vicki Spear Britton, Cincinnati B.S.
Frederic Tully Brown, Mt. Sterling B.S., M.Sc.
Ronald Joseph Busack, Belleair
Frank Wyatt Butler, Columbus B.A. (Miami University)
Susan Lee Campbell, Louisville, Ky. B.A. (Wellesley College)
Charles Edward Cline, Bolivar
Lynda Guthrie Collins, Lincoln, N. C. B.S. (North Carolina State University)
Constance Fuller Couch, Canton
Anthony Ricardo Dalessandro, Hamilton B.S. (Miami University)
Terri Arden Derr, Springfield B.A.
Barry Lee Dee, Cincinnati B.A. (Yale University)
Nancy Jean Diabro, Cleveland Heights
Stephen James Dodaro, Dayton B.S.
Laurie Gail Doyle, Silver Spring, Md. B.S. (University of Maryland)
Joy Rose Dunn, Hopkinsville, Ky. B.S. (University of Kentucky)
James Thomas Eldridge, Mason B.S.

Martin Eugene English, Tipp City B.S.
Mark Alan Enlow, Athens B.S. (Ohio University)
James Emery Estep, Columbus B.S.
Dianne Louise Ferris, Indian Head, Md. B.S. (University of Maryland)
David John Formal, Kensington, Md. B.S. (Dickinson College)
Cynthia Marie Gaborick, Parma B.S.
Mark Bromley Gallagher, Bath B.S.
Tamara Carole Goforth, Fairfield B.S.
Lawrence Jay Goldstein, Mayfield Heights B.A. (Hiram College)
Laurie Helen Greene, Columbus B.S.
Charlene C. Grice, Athens B.S.
Rebecca Lynn Grusenmeyer, Lakewood B.S.
Alice Marie Harpold, Camden, W. Va. B.S. (West Virginia University)
Robert Philip Hartsborn, Newark B.S.
James Harold Haubert, Louisville B.S. (Baldwin-Wallace College)
Nancy Evonne Hauer, Columbus B.S.
Phillip Wayne Hayes, Dayton B.A. (Hamilton College)
James Jeffrey Hendricks, Bardstown, Ky. A.B. (University of Kentucky, Elizabethtown) ; B.S. (University of Kentucky)
Mark Scott Hennis, Millburn B.S. (Baldwin-Wallace College)
Stephen Alan Hines, West Carrollton B.A. (Miami University)
Allen Michael Holden, Olmsted Falls B.S. (North Carolina State University)
Richard Skinner Hoskins, Everett, N. C. B.S. (North Carolina State University)
Timothy Charles Irwin, Bellefontaine B.S.
Jay James Jakubowski, Toledo B.S.
Paul John Jansak, Jr., Cincinnati B.S.
Melvin John Kattelman, Cincinnati B.S.
Charles Michael Kerns, West Mansfield B.A.
Karen Marie Kline, Springfield B.S.
Kenneth Wayne Kloeud, Columbus B.S. (Kent State University) ; M.Sc. (University of Akron)
Michael Lewis Koch, Morgantown, W. Va. A.B., M.Sc. (West Virginia University)
Stephan Paul Keshler, Louisville, Ky.  
B.S. (University of Louisville)

Michael Lewis Kubera, Westlake  
B.S.

Marcia Lee Landefeld, Cuyahoga Falls  
B.S.

Shauna Lorel Landry, Amherst, N. H.  
B.S. (University of New Hampshire)

Gary Steven Levy, Deal, N. J.  
B.S. (University of Delaware)

Alan William Main, Columbus  
A.B. (Miami University)

Paula Ann Marrie, Youngstown  
Karen Sue Maye, Belpre

John Bradley McClung, Tiffin

James Mark McComan, Brookeville, Md.  
B.A. (North Carolina State University)

Franklin David McMillian, Cincinnati  
B.A. (Miami University)

Craig Rene Miesse, Celina  
B.S.

Thomas Joseph Molloy, Loveland  
B.S.

Craig Rene Miesse, Celia  
B.S. (Wright State University)

Gay Yvette Miller, Columbus  
B.S.

Joan Ellen Modlin, Mentor  
B.A. (Dickinson College)

Thomas Kevin Parell, Newark, N. J.  
B.S.

Thomas Francis Meade, Gambier  
B.A. (Ohio State University)

John Bradley McClung, Tiffin

Donald Lee Reynolds, Dayton  
B.S. (University of Cincinnati)

Garrett Robert Oetzel, New Richmond  
B.S.

B.S.

B.S.

B.S.

B.S.

Karen Sue Maye, Belpre

Gay Yvette Miller, Columbus  
B.S.

Thomas Kevin Parell, Newark, N. J.  
B.A. (Dickinson College)

Alfred Mark Ruhfel, Toledo  
B.S. (Bowling Green State University)

Carolyn Lisa Scaravelli, Bedford  
B.S.

Walter Edward Schott, III, Cincinnati  
B.S. (University of Cincinnati)

Kathleen Mary Schweikart, Union, N. J.  
B.S. (Purdue University)

Douglas Dale Sharpnack, Elyria  
B.S.

Jack Anthony Shepherd, Cincinnati  
B.S.

Maxwell Robert Sider, III, Columbus  
B.S.

Carolyn Ruth Simmolin, Fairview Park  
A.B. (Smith College)

Lee Katherine Spryidakin, Manchester, N. H.  
B.S. (University of New Hampshire)

Rhonda Marie Stalling, Moreland Hills  
B.S.

Ted Allan Stevens, Painesville  
B.S.

Harriet Lela Strickland, Annandale, Va.  
B.S. (George Mason University)

Dana Frederick Taylor, Wayne, N. J.  
B.A. (University of Delaware)

Valerie Alane Thorn, Bay Village  
B.S.

Roger William Valentine, Lexington, Ky.  
B.S., M.Sc. (University of Kentucky)

Donna Lou Violet, Dayton  
B.S.

Wesley Paul Violet, Delphos

Jerry Raymond Waddle, Fairfax, Va.  
B.S. (Virginia Polytechnic Institute and State University)

Emily Anne Walton, Nevada  
B.S., M.Sc.

Calvin Wesley Washington, Warren  
B.S. (Carnegie University)

Jane Elizabeth Weed, Endless Falls, Va.  
B.S. (University of Vermont); M.Sc.

Gary Lee Weisenborn, Martins Ferry  
B.A. (West Liberty State College)

Melvin Dean Wenger, Dalton  
B.S.

Scott Thomas Whitman, Dayton  
B.S. (Defiance College)

Billy Larson Whittaker, Newbury  
B.S., M.Sc.

Thomas Ira Wiles, Oxford  
B.S. (Muskingum College); M.Sc. (Miami University)

Gary Leonard Riggs, Wadsworth  
B.S.

Jan Ella Rottenberg, Livingston, N. J.

Ellen Lienes Zemler, Roanoke, Va.  
B.S. (Virginia Polytechnic Institute and State University)

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 Agricultural Economics

Marsha Lynn Mendle  
Cheryl Ann Wenner

With Distinction in Agricultural Education

Sandra Lee Lorn

With Distinction in Animal Science

Sheryl Ann Arnold  
Grant Edwin Stuett

With Distinction in Chemical Engineering

Edward Joseph Riestenberg

With Distinction in Chinese Drama

Theresa Moore

With Distinction in Circulation Technology

Beth Ann Pfander

With Distinction in Dairy Science

Steven Howard Vaughan  
Dwight Kenneth Roseler

With Distinction in Demography

Michelle D. Tufford

With Distinction in Environmental Communication

Andrew Scot Kimmell

With Distinction in Forest Biology

James Robert Steinman  
Mark Gerard Taylor
With Distinction in Home Management and Housing
Patricia Downing

With Distinction in Human Nutrition and Food Management
Kathleen Marie Conroy
Susan E. Dunn

With Distinction in Industrial and Systems Engineering
John Vance Magee

With Distinction in Microbiology
Jeffrey Howard Stockfish

With Distinction in Physical Therapy
Linda Patterson Henington

With Distinction in Political Science
Lev Shalom Gonick

With Distinction in Population and Family Planning Studies
Tina Baughman

With Distinction in Portuguese
Josiah Hillerman Blackmore III

With Distinction in Psychology
Kathryn A. Boll
David Alan Williams

With Distinction in Social Pragmatics
Gregory Casey

With Distinction in Welding Engineering
Roderick Jason Renwick

With Distinction in Wildlife Management
Thomas G. Banney

With Distinction in Zoology
Darrell Lee Gits
Max Mirot

With Distinction in and with Honors in Economics and Liberal Arts
Bruce Charles Lazear

With Distinction in and with Honors in History and Liberal Arts
Stanley Thomas Bialczak

With Distinction in and with Honors in Microbiology and Liberal Arts
James Douglas Hoyer

With Distinction in and with Honors in Music and Liberal Arts
David Michael Brown

With Distinction in and with Honors in Zoology and Liberal Arts
Joseph Kandel

With Honors in Liberal Arts
Stanley Harrison Carr
Clifford Charles Brodsky Chenfeld
Mark Edward Dawes
Donald Wayne Dickerson
Joan Marie Durve
Malinda Kay Goodrich
Michael Paul Hanson
David Richard Kaehling
Robin Denise Klawon
Michael John McCord
James Kevin Mulderig
Kelly Barton Olds
Mark Neil Rood
Mark Edward Sale
Mitchell Matthew Tallan
Bonnie Jean Weaver
Susanna Spencer Wilkins
Jeffrey Hugh Winick
Michael Andrew Wodarcyk
Erol Aaron Woods

Robert Bruce Davis
Peggy Ellen DePuy
Cheryl Lynn Dent
Peter John DeWitt
Cynthia DiCicco
Barry Lee Dick
Alan Robert Dietrich
Frederick Thomas Dietrich
Robert Donald Dietrich
Steven Douglas Dininger
Barbara Jane Dornier
Mary Lea Dove
Catherine Ann Dowler
Donna Jean Dout
Mark D. Ehren
Carol Louise Elliott
Mark Alan Enslow
Carol Sue Fleenor
Ann Marie Flood
Mark Phillip Ford
Michael William Ford
Jeffrey Edward Fowlie
Melanie Lynn Fowler
Linda Ruth Fullen
James Robert Gilligan
Patricia Ann Gleason
Nancy Ellen Godwin
Eileen Mary Gornley
Robert James Gottschalk
Jane Grazak
Donna Jean Groll
Mary Melinda Gugelchuck
Rhonda Lynn Hagery
Jeffrey Lynn Hallow
Elizabeth Ann Haley
Timothy Lee Hanisman
Christina Lee Harrington
Christopher Allen Harris
Syed Mustammil Hasanain
Laura Lynne Hay
Phyllis Wayne Hayes
Martha Suzanne Hendricks
Mark Scott Hennix
Margo Louise Hersherberger
Theresa Elizabeth Hewitt
Keith Edward Hinaskis
Jeffrey Lynn Hill
Nolan Feis Hines
Joel Lee Hoelter
Helen Marie Hollis
Melissa Ellen Holobok
David Donald Hubbell
Douglas Carl Hufford
Julie Ann Humicker
Wendy Ellen Hunt
Susanna Ruth Jacobs
Craig Scott Johnson
Gina Lee Johnson
Mark Steven Johnson
Edna Marie Jones
Julie Marie Jones
Linda Sue Jones
Gerhard Jakob Jung
Katherine Mary Kaczmarek
Rita Carol Kaimbach
Roger Kamar
Sharon Anne Kaminski
William Robert Kolodnik Kaye
Nancy Louise Kell
Phoebe Marie Kerby
James William Kern
Bradley Wendt Kibbel

Cum Laude

Frank James Adiutori
Margaret Rose Albers
Heidi Lynn Alexander
Andrew Stephen Angel
Gordon Neal Arroyo
Richard Paul Ashby
Bonnie L. Auleta
Michelle Bevon Avitt
Edward George Babits
George Brian Bartley
Linda Kay Bates
Randolph Mark Beaudry
Patricia Kemp Beckett
Richard Patrick Belch
Howard Lee Bell
Pamela Marie Bender
Donna Jeanne Bleschak
Beverly Jayne Brandel
Cheryl Lynn Brantner
Patricia Gale Breig
Steven Martin Brown
Robert Ernest Buehler
Carla Lee Burgett
Pamela Ann Burkley
Rhonda Sue Burtchler
Ronald Joseph Busack
Michael Clark's Butler
Dorothea Elizabeth Cainaza
William Michael Callaghan
Barbara Krouse Camboni
Virginia Jane Cardwell
Chris Cartellone
Louise Mary Chapelle
Susan Camille Chilcote
Edward Wilson Clagus
Yevonne Faithie Cramer
Timothy Brian Coffelt
Wendy Lee Colburn
Cynthia Lynn Connor
Charles Brian Cook
Nancy Carolyn Coultrip
Mary Jo Daup

Peggy Edward Higgins
Cheryl Lynn Dent
Peter John DeWitt
Cynthia DiCicco
Barry Lee Dick
Alan Robert Dietrich
Frederick Thomas Dietrich
Robert Donald Dietrich
Steven Douglas Dininger
Barbara Jane Dornier
Mary Lea Dove
Catherine Ann Dowler
Donna Jean Dout
Mark D. Ehren
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Mark Alan Enslow
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Mary Melinda Gugelchuck
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Jeffrey Lynn Hallow
Elizabeth Ann Haley
Timothy Lee Hanisman
Christina Lee Harrington
Christopher Allen Harris
Syed Mustammil Hasanain
Laura Lynne Hay
Phyllis Wayne Hayes
Martha Suzanne Hendricks
Mark Scott Hennix
Margo Louise Hersherberger
Theresa Elizabeth Hewitt
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Nolan Feis Hines
Joel Lee Hoelter
Helen Marie Hollis
Melissa Ellen Holobok
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Susanna Ruth Jacobs
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Edna Marie Jones
Julie Marie Jones
Linda Sue Jones
Gerhard Jakob Jung
Katherine Mary Kaczmarek
Rita Carol Kaimbach
Roger Kamar
Sharon Anne Kaminski
William Robert Kolodnik Kaye
Nancy Louise Kell
Phoebe Marie Kerby
James William Kern
Bradley Wendt Kibbel

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Summa Cum Laude with Honors in Liberal Arts
Gregory Lawrence Eyink
Majorie Armstrong Stassen

Summa Cum Laude
Roxana Stolt Al-Fayez
Cynthia Arnettie Ammar
Douglas Lee Aschenbach
Elizabeth Louise Bacon
Peggy Ann Baird
Alice Ware Barber
Karen Sue Basinger
Larry Frank Bechtel
Ralph Martin Behner
Susan Marie Berry
Carol Adrian Bixel
Myfanwy Jori Borel
Laura Jean Bridle
Joseph Mark Briggs
Elizabeth Jane Brobeck
Joseph Orvin Bull
Susan Lee Campbell
Nancy Jean Castanien
Karen Denise Chalmers
Sue Ellen Christian
Carolyn N. Cole
Janet Ruth Coleman
Judith Ann Collins
Barbara Jean Cummingskey
Stephen William Curran
Christopher Edward Deusch
Rosemary Carol Dietrich
Gail Beatrice Dorsey
Elizabeth Alaire Entwistle
Brett Michael Ebner
Mark David Evans
Marc K. Paglin
Amy Sue Givens
D. Roy Goldsberry
Gregory Joseph Grippahover
Jane Elia Hawkness
Michael Andrew Herman
S. Craig Herman
Deborah Lynne Highland
J erry Wilhelm Hoffman
Richard Skinner Hoskins
Deborah Mae Hull
Jean Louise Irwin
Janet Johnson
Warren Charles Johnson
Michael Charles Kizer
Karen Marie Kline
Kay Ellen Krechbaum
David John Kuhman
Teresa Ann Lookx
Ingrid Lieselotte Lukas
Melissa Lee Mahon
Donna Marie Marheva
Esther Sarah Merves
Michael Emanuel Metroka
Richard G. Montevideo
Beverly J. Montrella
Shannon Douglas Morris
Cheryl Atkinson Nystrom
John Francis Pequen
Barbara Jean Petrie
Brett Albert Pignon
Mary Ann Poulson
Roxanne Marie Price
Thomas Edward Redmond
Sherry Rice
Joan Leslie Rigali-Rankin
Gregory Roy Schiender
Elaine Seurei
Paul Gregory Sherry
Douglas Lynn Shoemaker
Julianne Marie Smith
Kevin William Snyder
Rhonda Marie Stallings
Susan Elizabeth Stevenson
Maurice William Stutzman
Janet Kathleen Taft
Joy Ellen Thomas
Doris Beatrice Tewker
Mark David Tripp
Michael Francis Urne
Tina Marie Wheaton
Richard Scott Williams
Steven Ross Williams
Peter Marshall Wilver
Gwen Colleen Wisser
Suna Elizabeth Woods
Sharon Kay Wylie
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THE OHIO STATE UNIVERSITY

OFFICIAL PROCEEDINGS OF THE

ONE THOUSAND ONE HUNDRED AND SIXTY-NINTH MEETING

OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 11, 1981

The Board of Trustees met at its regular monthly meeting on Thursday, June 11, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
June 11, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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 personnel-related matters.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

STATEMENT RELATIVE TO SELECTION OF A PRESIDENT FOR THE OHIO STATE UNIVERSITY

Mr. Devenow:

I would like to make the following statement. The Personnel and Educational Affairs Committee of the Board of Trustees met in Executive Session with all other members of the Board in attendance (with the exception of Mr. Galbreath who is out of the city and Mr. Berry who was unable to attend) and received the completed report from the Search Committee and its Chairman, Mr. John F. Havens, on the selection of a president for Ohio State University. In order that the full Board may have an opportunity to review the report and the recommendations of the committee, at the close of this meeting I will ask the Secretary of the Board of Trustees to arrange, at the earliest possible date, a time and a place for the Board to meet in Executive Session to consider this most important personnel matter. This meeting will mark the first time the full Board of Trustees has been convened for the express purpose of considering the Search Committee's report and recommendations. Pending a complete and full review of the report and recommendations, there will be no further public announcement concerning the presidential search. We trust that the sensitivity and the need for careful, thoughtful deliberation concerning this matter which is the highest priority for Ohio State University will be appreciated. With this announcement, the work of the Search Committee on the Selection of a President is complete. I would like to take this opportunity to thank each member of the committee for a truly splendid effort. I would especially like to note the contribution of Jack Havens, the Chairman of the Search Committee, who carried out his assignment in an outstanding way. His commitment and devotion to this task merit the highest accolade, and we are deeply grateful. That concludes my statement.

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June 11, 1981 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1981-82

Resolution No. 81-122

WHEREAS the appointments to Committees 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 1981-82 are as follows:

Educational Affairs Committee

John D. Jacob, Chairman
Daniel M. Galbreath, Vice Chairman

John F. Havens
Chester Devenow, Ex Officio

Fiscal Affairs Committee

D. James Hilliker, Chairman
Edmund C. Redman, Vice Chairman

Leonard J. Immke
Chester Devenow, Ex Officio

OARDC Agenda Review Committee

Daniel M. Galbreath, Chairman
John M. Stackhouse, Vice Chairman

John F. Havens
Chester Devenow, Ex Officio

Student Affairs Committee

Warren J Smith, Chairman
Leonard J. Immke, Vice Chairman

John W. Berry
Chester Devenow, Ex Officio

Personnel Committee

Chester Devenow, Chairman
Warren J Smith, Vice Chairman

John D. Jacob

Development Fund Board

Leonard J. Immke

John W. Berry

Inter-University Council

Warren J Smith

Research Foundation Board

Edmund C. Redman (April 1983)

University Hospitals Board

Daniel M. Galbreath
D. James Hilliker

Edmund C. Redman
June 11, 1981 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1981-82 (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 1981-82 be approved.

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

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HONORARY DEGREE

Resolution No. 81-123

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:

Harold L. Enarson 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. Devenow, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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INTRODUCTION OF NEW TRUSTEE - JOHN W. BERRY

Mr. Devenow:

We have a new trustee who has been appointed by the Governor, and I would like to congratulate John W. Berry; I spoke to him on the phone. Because of a prior long-standing commitment he wasn't able to make this meeting. He wanted to convey to the Board his regrets that he wasn't able to attend, and he is excited about his appointment as being a member of this Board. He is, I am sure, bringing a long business experience to this Board. He has been involved in education in many respects. He is Chairman of the Board and Chief Executive Officer of L. M. Berry and Company of Dayton and has been associated with the firm since 1940.
June 11, 1981 meeting, Board of Trustees

INTRODUCTION OF NEW TRUSTEE - JOHN W. BERRY (contd)

Mr. Devenow: (contd)

In addition to his service now as an Ohio State trustee, he is a trustee of the University of Dayton and the Air Force Museum Foundation in Dayton. He is a member of the Board of Visitors to the University of Dayton Law School, the Presidents Club of Wright State University, the Advisory Council of Notre Dame University's College of Business Administration, the Resources Committee and Alumni Council of Dartmouth College, and the Board of Advisors of the Council for Financial Aid to Education. He is a 1944 graduate of Dartmouth College. Mr. and Mrs. Berry have five children. We are delighted to have him, and he will be at our next meeting, he assured me.

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ACKNOWLEDGMENT OF HONORARY DEGREE BY PRESIDENT ENARSON

President Enarson:

Mr. Chairman and Members of the Board, I apologize in advance. I am in my fourth week of laryngitis and almost through the speech circuit. Perhaps with unusual brevity, I will conclude this meeting today. I am very sincere when I say that I am extremely gratified with the award of the Doctor of Humane Letters, and it comes to a man whose letters are generally not noted for their civility, let alone for their humanity. I particularly appreciate it. Some of the staff are laughing because they have been the recipients of these notes.

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RESOLUTION IN MEMORIAM

Resolution No. 81-124

Synopsis: A resolution honoring the service of one of this 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.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Nobuhisa Baba

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 5, 1981, of Nobuhisa Baba, Professor of Pathology.
RESOLUTION IN MEMORIAM (contd)

Nobuhisa Baba (contd)

Doctor Baba was born in Tokyo, Japan, in 1932 and lived in that beautiful country during his formative years. He received the M.D. degree from the Faculty of Medicine of the University of Tokyo in 1957, and interned at the University Hospital in that city in 1957-58. As a young postdoctoral student, Nobi came to Ohio State to study experimental carcinogenesis under Doctor Emmerich von Haam. He not only trained as a resident physician in pathology, but also, because of his great love of research, chose to combine this program with a full graduate program in experimental pathology. He finished his residency training in 1963, having earned the M.S. degree in 1961, and was awarded a Ph.D. in experimental pathology in 1965. He became board certified in anatomic and clinical pathology in 1966, and not content with these accomplishments, passed the board examination in forensic pathology in 1967. Even at this early stage in his career his interests were legion.

In 1966 he was promoted to Assistant Professor in Pathology, to Associate Professor in 1970, and became a full Professor in 1974. He was appointed Director of the Division of Pathologic Anatomy in July 1967, a position he held until just prior to his death this year. Quite simply stated, Nobi's whole professional and personal life revolved around the College of Medicine and The Ohio State University which he served with enormous loyalty and distinction. No task was too menial, no committee appointment too trivial, no request for help so onerous that he would not respond with all his energy. His devotion to the College and to this University was unswerving to the end and he gave full measure to ensure its success and growth.

Dr. Baba was an academic pathologist in the finest sense of the term and one of the few persons who was truly a triple threat faculty member. He authored or co-authored more than 60 papers and was a nationally recognized expert in the field of cardiovascular pathology and sudden death. This later work often overshadowed the fact that Doctor Baba published some of the seminal papers on experimental carcinogenesis with Doctor von Haam early in his career. Nobi, despite a continuing tussle with the English syntax, was a great teacher. Proof of this, if needed, was his induction as an honorary member of Alpha Omega Alpha in 1978, a recognition by the medical students and faculty of his concern for their education. His contributions to graduate education were equally impressive. He was constantly surrounded by 4-6 graduate students, and always found time to counsel and stimulate them. His unselfish dedication to these students is demonstrated by the fact that he continued to direct their activities from his hospital room until two weeks prior to his death.

The house staff in pathology were also beneficiaries of the wealth of knowledge he possessed in general pathology—he truly knew “nearly everything about everything” in our discipline. He was a constant source of information, not only to our house staff and faculty but to his clinical colleagues as well.

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.
June 11, 1981 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS
Resolution No. 81-125

Synopsis: Recommendation for seven 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 seven individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Francis Aumann
Jack O. Evans
John A. Prior
Walter Cade Reckless
Robert C. Ringer
Clarence E. Taft
J. Edward Weaver

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 Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE
Resolution No. 81-126

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:

Alistair Cooke  Doctor of Humane Letters
HONORARY DEGREE (contd)

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

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

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BUDGET SUMMARY (THIRD QUARTER 1980-81)
Resolution No. 81-127

Synopsis: The third quarter budget summary, 1980-81, is presented for review and acceptance.

This budget summary for the third quarter 1980-81 contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Included are the effects on Columbus Campus unrestricted funds of actual Winter and Spring Quarter enrollments, release of additional state line item funding, and additional increases in anticipated temporary investment income. Revisions to restricted funds net to a $127,000 decrease from the second quarter report representing redistributions of grant and contract activity. Revisions to earnings operations income and expense reflect adjustments based on activity to date.

WHEREAS the third quarter report of the 1980-81 current funds budget covering the period January through March, 1981 is presented for review by the Board of Trustees and its income and expense estimates deviate by less than 1 per cent from the 1980-81 budget approved by the Board in February, 1981; and

WHEREAS the projected expenditures and commitments of the third quarter report for 1980-81 are supported by adequate income:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget report be accepted.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
### THE OHIO STATE UNIVERSITY

#### 1980-81 CURRENT FUNDS BUDGET

**BUDGETED EXPENDITURES FOR 1980-81**

(IN THOUSANDS)

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget</th>
<th>Proposed Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>February 6, 1981</td>
<td>Revised Budget</td>
</tr>
</tbody>
</table>

#### Columbus Campus

**Instruction and General**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Revised</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Departmental Instruction and Research</td>
<td>$173,542</td>
<td>$173,937</td>
</tr>
<tr>
<td>Libraries</td>
<td>10,808</td>
<td>10,862</td>
</tr>
<tr>
<td>Other Academic Support</td>
<td>3,748</td>
<td>3,681</td>
</tr>
<tr>
<td>Sponsored Programs Administration</td>
<td>6,297</td>
<td>6,423</td>
</tr>
<tr>
<td>Student Services</td>
<td>9,879</td>
<td>10,150</td>
</tr>
<tr>
<td>Plant Operation</td>
<td>28,409</td>
<td>28,674</td>
</tr>
<tr>
<td>Institutional Support</td>
<td>19,658</td>
<td>19,654</td>
</tr>
</tbody>
</table>

**Total Instruction and General**

<table>
<thead>
<tr>
<th>Revised</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>$252,341</td>
<td>$253,381</td>
</tr>
</tbody>
</table>

**Sponsored Research**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Revised</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federally Sponsored Programs</td>
<td>$ 37,005</td>
<td>$ 37,618</td>
</tr>
<tr>
<td>Other Externally Sponsored Programs</td>
<td>10,364</td>
<td>9,988</td>
</tr>
<tr>
<td>Internally Sponsored Programs</td>
<td>505</td>
<td>534</td>
</tr>
</tbody>
</table>

**Total Sponsored Research**

<table>
<thead>
<tr>
<th>Revised</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 47,874</td>
<td>$ 48,140</td>
</tr>
</tbody>
</table>

**Public Service**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Revised</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Hospitals</td>
<td>$ 99,661</td>
<td>$ 99,823</td>
</tr>
<tr>
<td>Cooperative Extension Service</td>
<td>22,122</td>
<td>22,206</td>
</tr>
<tr>
<td>Externally Sponsored Programs</td>
<td>15,990</td>
<td>15,473</td>
</tr>
<tr>
<td>Internally Sponsored Programs</td>
<td>5,370</td>
<td>5,309</td>
</tr>
</tbody>
</table>

**Total Public Service**

<table>
<thead>
<tr>
<th>Revised</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>$143,143</td>
<td>$142,811</td>
</tr>
</tbody>
</table>

**Student Aid**

<table>
<thead>
<tr>
<th>Revised</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 7,341</td>
<td>$ 7,636</td>
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</table>

---

611
**Columbus Campus (contd)**

<table>
<thead>
<tr>
<th>Auxiliaries</th>
<th>Revised Budget</th>
<th>Proposed Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Housing</td>
<td>$24,764</td>
<td>$24,261</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>10,451</td>
<td>10,625</td>
</tr>
<tr>
<td>University Bookstores</td>
<td>6,519</td>
<td>6,927</td>
</tr>
<tr>
<td>Student Health Service</td>
<td>2,901</td>
<td>2,781</td>
</tr>
<tr>
<td>Student Unions</td>
<td>2,885</td>
<td>2,939</td>
</tr>
<tr>
<td>Parking Facilities</td>
<td>3,247</td>
<td>2,823</td>
</tr>
<tr>
<td>University Airport</td>
<td>2,917</td>
<td>3,219</td>
</tr>
<tr>
<td>Fawcett Center for Tomorrow</td>
<td>1,767</td>
<td>1,714</td>
</tr>
<tr>
<td>Other</td>
<td>751</td>
<td>867</td>
</tr>
<tr>
<td><strong>Total Auxiliaries</strong></td>
<td><strong>$56,202</strong></td>
<td><strong>$56,156</strong></td>
</tr>
<tr>
<td><strong>TOTAL COLUMBUS CAMPUS</strong></td>
<td><strong>$506,901</strong></td>
<td><strong>$508,124</strong></td>
</tr>
</tbody>
</table>

**Regional Campuses**

<table>
<thead>
<tr>
<th>Campus</th>
<th>Revised Budget</th>
<th>Proposed Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$198</td>
<td>$198</td>
</tr>
<tr>
<td>Lima Campus</td>
<td>2,684</td>
<td>2,679</td>
</tr>
<tr>
<td>Mansfield Campus</td>
<td>2,684</td>
<td>2,654</td>
</tr>
<tr>
<td>Marion Campus</td>
<td>1,571</td>
<td>1,575</td>
</tr>
<tr>
<td>Newark Campus</td>
<td>2,272</td>
<td>2,259</td>
</tr>
<tr>
<td>Agricultural Technical Institute</td>
<td>2,896</td>
<td>2,926</td>
</tr>
<tr>
<td>Wright-Patterson Graduate Center</td>
<td>100</td>
<td>98</td>
</tr>
<tr>
<td><strong>TOTAL REGIONAL CAMPUSES</strong></td>
<td><strong>$12,405</strong></td>
<td><strong>$12,389</strong></td>
</tr>
<tr>
<td><strong>TOTAL ALL CAMPUS</strong></td>
<td><strong>$519,306</strong></td>
<td><strong>$520,513</strong></td>
</tr>
</tbody>
</table>

Construction and Renovation Projects: -0- \(\$2,086\)  
Endowment Income to Principal: -0- \(\$350\)  
GRAND TOTAL: \(\$519,306\) \(\$522,949\)
June 11, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET
(IN THOUSANDS)

<table>
<thead>
<tr>
<th></th>
<th>Revised Estimate</th>
<th>Proposed Revised Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Columbus Campus</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Appropriations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>State of Ohio</td>
<td>$163,039</td>
<td>$164,388</td>
</tr>
<tr>
<td>Federal</td>
<td>68,683</td>
<td>68,925</td>
</tr>
<tr>
<td>Other</td>
<td>8,306</td>
<td>8,296</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>$240,028</td>
<td>$241,609</td>
</tr>
<tr>
<td>Student Fees</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instruction and General</td>
<td>$ 71,241</td>
<td>$ 72,534</td>
</tr>
<tr>
<td>Room and Board</td>
<td>20,050</td>
<td>20,137</td>
</tr>
<tr>
<td>Other</td>
<td>3,680</td>
<td>3,654</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>$ 94,971</td>
<td>$ 96,325</td>
</tr>
<tr>
<td>Other Income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auxiliary Sales and Charges</td>
<td>$122,551</td>
<td>$122,991</td>
</tr>
<tr>
<td>Department and University Services</td>
<td>15,124</td>
<td>14,568</td>
</tr>
<tr>
<td>Endowment Income</td>
<td>4,782</td>
<td>4,676</td>
</tr>
<tr>
<td>Gifts and Grants</td>
<td>20,393</td>
<td>20,036</td>
</tr>
<tr>
<td>Temporary Investments</td>
<td>9,000</td>
<td>10,500</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>$171,850</td>
<td>$172,771</td>
</tr>
<tr>
<td><strong>TOTAL COLUMBUS CAMPUS</strong></td>
<td>$506,849</td>
<td>$510,705</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Regional Campuses</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lima Campus</td>
<td>$ 3,029</td>
<td>$ 3,029</td>
</tr>
<tr>
<td>Mansfield Campus</td>
<td>3,047</td>
<td>3,017</td>
</tr>
<tr>
<td>Marion Campus</td>
<td>1,801</td>
<td>1,814</td>
</tr>
<tr>
<td>Newark Campus</td>
<td>2,687</td>
<td>2,670</td>
</tr>
<tr>
<td>Agricultural Technical Institute</td>
<td>3,209</td>
<td>3,239</td>
</tr>
<tr>
<td>Wright-Patterson Graduate Center</td>
<td>100</td>
<td>98</td>
</tr>
<tr>
<td><strong>TOTAL REGIONAL CAMPUSSES</strong></td>
<td>$13,873</td>
<td>$13,867</td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td>$520,722</td>
<td>$524,572</td>
</tr>
</tbody>
</table>
June 11, 1981 meeting, Board of Trustees

EXPENDITURE AUTHORIZATION 1981-82
Resolution No. 81-128

Synopsis: Authorization to make expenditures in 1981-82 is requested.

WHEREAS levels of State financial support for 1981-82 have not yet been established; and

WHEREAS it is prudent to defer decisions concerning salary levels, fee levels, and other expenditures until the General Assembly has adopted an appropriations bill determining State support; and

WHEREAS it is necessary to continue making various expenditures, including payment of faculty and staff, prior to the time that a Current Funds Budget for 1981-82 is adopted:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with those levels contained in the Third Quarter Report of Fiscal Year 1980-81 until the Current Funds Budget for 1981-82 is adopted; and

BE IT FURTHER RESOLVED, That within one week following passage of a State appropriations bill, the President will present the Administration's recommendations for a Current Funds Budget for 1981-82 to the Board of Trustees.

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

--o--

APPOINTMENT OF TRUSTEES FOR POOLED INCOME TRUST FUNDS I, II, AND III
Resolution No. 81-129

Synopsis: Appointment and reconfirmation of Trustees for Pooled Income Funds I, II, and III are recommended.

WHEREAS the Board of Trustees by actions of December 4, 1970, September 10, 1976, and September 7, 1979, established Pooled Income Funds I, II, and III as convenient means for University benefactors to contribute financial support to the University and at the same time retain income during their lifetime; and

WHEREAS since that time the Board has appointed individuals to serve as Trustees for Pooled Income Funds I, II, and III; and
June 11, 1981 meeting, Board of Trustees

APPOINTMENT OF TRUSTEES FOR POOLED
INCOME TRUST FUNDS I, II, AND III (contd)

WHEREAS since the establishment of these Funds, it has been and is the intent of the Board that the Treasurer of The Ohio State University automatically serve as one of the Trustees of each of these Funds:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University or, in his or her absence, the Acting Treasurer, for so long as he or she holds such position, be and hereby is appointed as a Trustee of Pooled Income Funds I, II, and III and any other Pooled Income Funds that may subsequently be established; and

BE IT FURTHER RESOLVED, That James R. McCoy be and hereby is reconfirmed as a Trustee of the Pooled Income Trust Funds I, II, and III; and

BE IT FURTHER RESOLVED, That Thomas J. Kolda be and hereby is appointed as a Trustee of Pooled Income Trust Funds I, II, and III, to replace Charles R. Traphagan who has resigned as a Trustee.

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

--0--

APPOINTMENT OF TRUSTEE TO THE OHIO LEGAL CENTER
Resolution No. 81-130

Synopsis: A recommendation for appointment of trustee to The Ohio Legal Center is proposed.

WHEREAS in compliance with the Code of Corporate Regulations of The Ohio Legal Center, the Board of Trustees of The Ohio State University approves appointment of trustees from the faculty membership of the College of Law; and

WHEREAS Assistant Dean Robert Carter has resigned his position in the College of Law which has created a vacancy in the faculty trustee membership of The Ohio Legal Center:

NOW THEREFORE

BE IT RESOLVED, That Associate Dean John P. Henderson be appointed trustee of The Ohio Legal Center, effective July 1, 1981.

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

--o--
June 11, 1981 meeting, Board of Trustees

NOVICE G. FAWCETT CHAIR IN EDUCATIONAL ADMINISTRATION
Resolution No. 81-131

Synopsis: Authorization to complete the funding of the Novice G. Fawcett Chair in Educational Administration is requested.

WHEREAS by resolution dated October 12, 1966, on the occasion of his tenth anniversary as President of The Ohio State University, the Board of Trustees gave special recognition to Novice G. Fawcett by establishing the Novice G. Fawcett Professorship in Educational Administration; and

WHEREAS at its meeting on September 8, 1972, the Board redesignated the Novice G. Fawcett Professorship in Educational Administration as an endowed chair in educational administration; and

WHEREAS gifts and pledges continue to be received for the purpose of providing funds to fully endow this chair; and

WHEREAS it is the wish of this Board to insure at this time that the chair is funded at the requisite level as a University tribute to President Emeritus Novice G. Fawcett:

NOW THEREFORE, BE IT RESOLVED, That the unfunded balance which is needed to fully endow the Novice G. Fawcett Chair in Educational Administration shall be provided from interest which has accrued to the University in its unrestricted endowment fund; and

BE IT FURTHER RESOLVED, That the Vice President for Finance and Planning is hereby authorized and directed to take appropriate action to transfer from the unrestricted endowment accounts to the permanent endowment fund such accrued interest in a sum sufficient to insure the full funding of the Novice G. Fawcett Chair in Educational Administration.

Upon motion of Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--o--

PERSONNEL ACTIONS
Resolution No. 81-132

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Appointment and/or Reappointment of Chairmen of Departments and Divisions and Directors of Schools, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, Promotions/Tenure, and Emeritus Titles are recommended for approval.
June 11, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 1, 1981 meeting of the Board, including the following Appointments, Appointment and/or Reappointment of Chairmen of Departments and Divisions and Directors of Schools, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, Promotions/Tenure, and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

<table>
<thead>
<tr>
<th>Name:</th>
<th>MANUEL TZAGOURNIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Dean</td>
</tr>
<tr>
<td>College:</td>
<td>Medicine</td>
</tr>
<tr>
<td>Salary:</td>
<td>$60,000.00 (12-month)</td>
</tr>
<tr>
<td>Effective:</td>
<td>July 1, 1981</td>
</tr>
<tr>
<td>Present Position:</td>
<td>Acting Dean, College of Medicine, The Ohio State University</td>
</tr>
</tbody>
</table>

Upon motion of Mr. Havens, seconded by Mr. Immke, the Board of Trustees approved the appointment of Dr. Manuel Tzagournis by unanimous roll call vote.

<table>
<thead>
<tr>
<th>Name:</th>
<th>RONALD L. ST. PIERRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Associate Vice President</td>
</tr>
<tr>
<td>Academic Unit:</td>
<td>Health Sciences Administration</td>
</tr>
<tr>
<td>Salary:</td>
<td>$47,280.00 (12-month)</td>
</tr>
<tr>
<td>Effective:</td>
<td>July 1, 1981</td>
</tr>
<tr>
<td>Present Position:</td>
<td>Professor and Chairman, Department of Anatomy, The Ohio State University</td>
</tr>
</tbody>
</table>

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees approved the appointment of Dr. Ronald L. St. Pierre by unanimous roll call vote.

<table>
<thead>
<tr>
<th>Name:</th>
<th>EARL FINBAR MURPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Professor (The C. William O'Neill Professorship in Law and Judicial Administration)</td>
</tr>
<tr>
<td>College:</td>
<td>Law</td>
</tr>
<tr>
<td>Salary:</td>
<td>$59,040.00 (9-month)</td>
</tr>
<tr>
<td>Effective:</td>
<td>October 1, 1981</td>
</tr>
<tr>
<td>Present Position:</td>
<td>Professor, College of Law, The Ohio State University</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>LEO A. PAQUETTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Professor (Charles H. Kimberly Professorship in Chemistry)</td>
</tr>
<tr>
<td>Department:</td>
<td>Chemistry</td>
</tr>
<tr>
<td>Salary:</td>
<td>$55,320.00 (9-month)</td>
</tr>
<tr>
<td>Effective:</td>
<td>October 1, 1981</td>
</tr>
<tr>
<td>Present Position:</td>
<td>Professor, Department of Chemistry, The Ohio State University</td>
</tr>
</tbody>
</table>
June 11, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: CARROLL EDWARD MOBLEY
Title: Associate Professor (Duriron Professorship in Metallurgical Engineering)
Department: Metallurgical Engineering
Salary: $30,480.00 (9-month)
Effective: May 1, 1981
Present Position: Associate Professor, Department of Metallurgical Engineering, The Ohio State University

Name: DORIS I. CHARLES
Titles: Director of Health Service in the University Health Service and Team Physician in the Department of Athletics
Salary: $54,000.00 (12-month)
Effective: August 15, 1981
Present Position: Associate Vice Provost of Student Affairs and Director of Student Health Service and Employee Health Clinic, University of Cincinnati

Name: BARBARA M. REAL
Title: Assistant Vice President
Office: Student Services
Salary: $33,000.00 (12-month)
Effective: August 13, 1981
Present Position: Associate Dean of Student Affairs, Case Western Reserve University, Cleveland, Ohio

Appointment and/or Reappointment of Chairmen of Departments and Divisions and Directors of Schools

July 1, 1981 through June 30, 1985

<table>
<thead>
<tr>
<th>Department</th>
<th>Chairmen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>Charles H. Brewer, Jr.</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>Jacques L. Zakin</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>Otis J. Sproul</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>Hsien C. Ko</td>
</tr>
<tr>
<td>Health, Physical Education and Recreation</td>
<td>Charles Mand</td>
</tr>
<tr>
<td>Landscape Architecture</td>
<td>Jot D. Carpenter</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>James E. A. John</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>Ian W. Gregory</td>
</tr>
<tr>
<td>Veterinary Anatomy</td>
<td>Wesley D. Anderson</td>
</tr>
<tr>
<td>Veterinary Physiology and Pharmacology</td>
<td>Thomas E. Powers</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>Allan M. Burkman</td>
</tr>
</tbody>
</table>

July 1, 1981 through June 30, 1984

Pharmacology

Allan M. Burkman
June 11, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment and/or Reappointment of Chairmen of Departments and Divisions and Directors of Schools (contd)

July 1, 1981 through June 30, 1982

<table>
<thead>
<tr>
<th>Department</th>
<th>Chairmen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>Andrew A. Wojcicki</td>
</tr>
<tr>
<td>Clinical Pharmacy and Professional Practice</td>
<td>Donald C. McLeod</td>
</tr>
<tr>
<td>Dance</td>
<td>Helen P. Alkire</td>
</tr>
<tr>
<td>Nursing</td>
<td>Edna L. Fritz</td>
</tr>
<tr>
<td>Radiology</td>
<td>Atis K. Freimanis</td>
</tr>
</tbody>
</table>

October 1, 1981 through September 30, 1985

<table>
<thead>
<tr>
<th>Department</th>
<th>Chairmen</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>Marvin R. Zahniser</td>
</tr>
</tbody>
</table>

*Acting Chairman

Medical Staff Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Osher, M.D.</td>
<td>Courtesy Staff in Ophthalmology</td>
<td>Ophthalmology</td>
</tr>
<tr>
<td>Greg Lee Offenburger, D.D.S.</td>
<td>Attending Staff in Oral Surgery</td>
<td>Dentistry</td>
</tr>
<tr>
<td>Robert G. Zimmerman, M.D.</td>
<td>Courtesy Staff</td>
<td>Anesthesiology</td>
</tr>
<tr>
<td>Hudnall J. Lewis, M.D.</td>
<td>Courtesy Staff</td>
<td>Anesthesiology</td>
</tr>
<tr>
<td>James R. Niederlehner, M.D.</td>
<td>Limited Staff (Fellow)</td>
<td>Anesthesiology</td>
</tr>
</tbody>
</table>

Effective April 8, 1981

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert E. Smith, M.D.</td>
<td>Attending Staff</td>
<td>Family Medicine</td>
</tr>
</tbody>
</table>

Leaves of Absence Without Salary

ALLAN K. WILDMAN, Professor, Department of History, effective April 1, 1982 through June 30, 1982, to accept a Kennan Fellowship from the Kennan Institute for Advanced Studies at the Woodrow Wilson International Center for Scholars.

ROBERT S. YOUNG, Clinical Associate Professor, Department of Family Medicine, effective May 1, 1981 through October 31, 1981, for personal reasons.

ANDRES DEL JUNCO, Assistant Professor, Department of Mathematics, effective October 1, 1981 through December 31, 1981, to accept a visiting research position at the Technische Hogeschool Delft in the Netherlands.
June 11, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

CHARLETTE GALLAGHER-ALLRED, Assistant Professor, School of Allied Medical Professions, effective July 16, 1981 through September 7, 1981, for personal reasons.

EDWARD W. GOLD, Assistant Professor, Department of Surgery, effective July 1, 1981 through June 30, 1982, to pursue post-graduate training.

MARGARET LONG, Assistant Professor, Department of English, effective October 1, 1981 through September 30, 1982, for personal reasons.

JOSEPH ROSENBLATT, Assistant Professor, Department of Mathematics, effective October 1, 1981 through September 30, 1982, to accept a Visiting Professorship at the University of Missouri.

ROBERT L. HORTON, Instructor, Cooperative Extension Service, effective September 16, 1981 through August 31, 1982, to pursue graduate studies at The Ohio State University.

Professional Improvement Leaves

RAYMOND W. LANG, Professor, Department of Medical Microbiology and Immunology, change from Spring Quarter 1981, Summer Quarter 1981, Autumn Quarter 1981, and Winter Quarter 1982, to June 1, 1981 through April 30, 1982.

CHARLES MASSEY, JR., Associate Professor, Department of Art, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

Emeritus Titles

HENRY D. COLSON, Department of Mathematics, with the title Professor Emeritus, effective July 1, 1981.

DALE T. FRIDAY, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1981.

MAURICE L. GILTZ, Department of Zoology, with the title Professor Emeritus, effective July 1, 1981.

FRED B. HAPKE, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective July 1, 1981.

CHARLES MORLEY, Department of History, with the title Professor Emeritus, effective July 1, 1981.
June 11, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

ROBERT J. NORDSTROM, College of Law, with the title Professor Emeritus, effective June 1, 1981.

RALPH A. PORTERFIELD, Department of Dairy Science, with the title Professor Emeritus, effective July 1, 1981.

ROY F. REEVES, Department of Mathematics, with the title Professor Emeritus, effective September 1, 1981.

AUSTIN E. RITCHIE, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1981.

EDWIN W. ROBBINS, Department of English, with the title Professor Emeritus, effective July 1, 1981.

MERVIN G. SMITH, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective July 1, 1981.

JOHN A. WALKER, Department of Theatre, with the title Professor Emeritus, effective July 1, 1981.

CLAUDE EARL WARREN, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1981.

ROBERT L. WILLS, College of Law, with the title Professor Emeritus, effective July 1, 1981.

HENRY E. WILSON, Department of Medicine, with the title Professor Emeritus, effective July 1, 1981.

ANN J. BUCKERIDGE, School of Nursing, with the title Associate Professor Emeritus, effective July 1, 1981.

GEORGE H. LOHRMAN, Department of Psychiatry, with the title Associate Professor Emeritus, effective July 1, 1981.

ROBERT A. TITUS, School of Music, with the title Associate Professor Emeritus, effective July 1, 1981.

R. FRANK DONLEY, Department of Obstetrics and Gynecology, with the title Instructor Emeritus, effective July 1, 1981.

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

--o--
The next item—perhaps the Chairman would wish to move or have some member of the Board present it.

Dr. Jacob presented the following resolution:

**APPOINTMENT - DR. WILLIAM R. WALLACE**
DEAN OF THE COLLEGE OF DENTISTRY
Resolution No. 81-133

WHEREAS the College of Dentistry Dean Search Committee reported two candidates as acceptable to them, namely, Dr. Valdemars Jekkals and Dr. William R. Wallace; and

WHEREAS, the President, after interviewing both candidates, recommended the appointment of Dr. Jekkals as the Administration's choice; and

WHEREAS after full consideration in Executive Session of the merits of both candidates, it is the judgment of the Board that Dr. Wallace having served ably in the role of Acting Dean and being found acceptable to the Search Committee should be appointed to fill the vacancy:

NOW THEREFORE

BE IT RESOLVED, That Dr. William R. Wallace be and he hereby is appointed Dean of the College of Dentistry.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Devenow:

I would like to make a comment before we leave that. We appreciate the energies expended in the search effort by the Committee and by the Administration. Personnel decisions are sometimes extremely difficult. Men and women of sound judgment can have honest disagreements. In this case the Administration made its recommendation and the Board considered it very carefully. However, we feel that on balance the best choice is the man who has served long and well in the College of Dentistry with part of that service as Acting Dean.

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**
Resolution No. 81-134

Synopsis: The reports on contracts, grants, and gifts and the summary for April are presented for Board acceptance.
June 11, 1981 meeting, Board of Trustees

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

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

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

NOW THEREFORE

BE IT RESOLVED, That the research agreements 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 1981, be approved.

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

SUMMARY FOR APRIL 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>75</td>
<td>$4,652,431.53</td>
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<td>Engineering Experiment Station</td>
<td>26</td>
<td>59,681.00</td>
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<td>$4,712,112.53</td>
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</table>

The Ohio State University Development Fund

Establishment of Named Funds

- Department of Pathology Educational and Research Discretionary Fund
  (Fellowships for pathology resident physicians) $ 159,259.00

- The Kimberly L. Garland Memorial Scholarship Fund
  (Undergraduate student scholarships) $ 30,559.81

- The Joseph B. Collinson Scholarship Fund
  (Undergraduate accounting scholarships) $ 26,420.22
June 11, 1981 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1981 (contd)

Establishment of Named Funds (contd)

The Bishop Family Scholarship Fund
   (College of Agriculture) $ 6,015.00

The James and Stella Lee Scholarship Fund for National Merit Students
   (Scholarships for Marion Harding High School National Merit Scholars) $ 5,000.00

Elizabeth Shaw Long Scholarship Fund
   (School of Natural Resources, Division of Forestry) $ 5,000.00

The P. Philip Sabatino Memorial Fund
   (Health Sciences - education, research and patient care programs) $ 5,000.00

The Walter F. Gnezda Memorial Scholarship Fund
   (Undergraduate scholarships) $ 4,875.00

Change in Description of Named Fund

The Jack M. George Fund
   (Designation of use changed from Department of Medicine, to Division of Endocrinology, Department of Medicine)

Report from Presidents Club

Members to date 4,465
1981 members: year to date 47
New members - April 1981 9

New Presidents Club Members - April 1981

David W. Anderson  Elizabeth C. Fontana (Mrs. Mars G.)
Garry J. Buehl     Dr. Bibb Latane
Thomas C. Carroll  E. Edwin Ramm
Gerald L. Crews    Julie A. Wiley
Gene P. Dragonette

624
June 11, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$950,000.00 - Department of Energy, Washington, D. C., Research and Technical Assistance in Public Utility Regulation Primarily for State Commissions, National Regulatory Research Institute (D. N. Jones), 15 November 1980 through 14 October 1982. (Project 761932 - Continuation)

$418,166.00 - Department of Education, Office of Education, Grant and Procurement Management Division, Washington, D. C., Regional Resource Center for Agencies Providing Educational Services for Handicapped Children in Ohio, Indiana, and Illinois, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1981 through 31 May 1982. (Project 762383 - Continuation)

$192,059.00 - Environmental Protection Agency, Washington, D. C., Evaluation of a Short Term in vivo System for Risk Assessment of Environmental Chemicals, Department of Pharmacology (D. Couri), 1 April 1981 through 31 March 1982. (Project 762125 - Continuation)

$146,590.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia - Lymphoma Program, Department of Medicine (S. P. Balcerzak) and College of Pharmacy (L. Malspeis), 1 March 1981 through 28 February 1982. (Project 763982 - Continuation)

$144,460.00 - 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 1981 through 31 May 1982. (Project 763284 - Continuation)

$127,998.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1981 through 31 March 1982. (Project 761078 - Continuation)

$120,000.00 - Environmental Protection Agency, Washington, D. C., Kinetic Study of Simulated Atmospheres Containing Common Sulfur, Nitrogen, and Carbon Pollutants, Department of Chemistry (J. G. Calvert and D. W. Meek) and Department of Physics (J. H. Shaw), 1 April 1981 through 31 March 1982. (Project 761545 - Continuation)

$112,166.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Intrarenal Pressure and Renal Function, Department of Medicine (L. A. Hebert), 1 April 1981 through 31 March 1982. (Project 761786 - Continuation)
June 11, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Agency/Institution/Department</th>
<th>Description</th>
<th>Principal Investigator</th>
<th>Start Date</th>
<th>End Date</th>
<th>Project Number</th>
<th>Notes</th>
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<tr>
<td>$108,559.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School - Administration (J. B. LaPidus), 1 April 1981 through 31 March 1982. (Project 764748 - Continuation)</td>
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<td>$104,454.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 April 1981 through 31 March 1982. (Project 760025 - Continuation)</td>
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<td>$94,000.00</td>
<td>National Science Foundation, Washington, D. C., A Program of Research Using Low and Medium Energy Nuclear Physics Facilities, Department of Physics (R. N. Boyd), 1 May 1981 through 30 April 1982. (Project 761656 - Continuation)</td>
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<td>$85,600.00</td>
<td>Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Fundamental Studies of High-Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1981 through 30 April 1982. (Project 761863 - Continuation)</td>
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<td>$85,000.00</td>
<td>International Development Cooperation Agency, Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 1 September 1981 through 31 August 1982. (Project 761863 - Continuation)</td>
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<td>$75,000.00</td>
<td>National Science Foundation, Washington, D. C., American Lakes: Comparative and Paleolimnological Analyses to Test Hypotheses, Department of Zoology (P. A. Colinvaux), 1 June 1981 through 31 May 1982. (Project 762634 - New)</td>
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<td>$74,606.00</td>
<td>National Science Foundation, Washington, D. C., Effects of Denervation of Adult Newt Blastema Cell Cycle Parameters, Department of Zoology, (R. A. Tassava), 1 May 1981 through 30 April 1983. (Project 762656 - Continuation)</td>
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<td>$74,000.00</td>
<td>National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (J. S. Swenton), 1 July 1981 through 30 June 1982. (Project 762189 - Continuation)</td>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$70,244.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (M. R. Glaser and D. S. Parris), 1 April 1981 through 31 March 1982. (Project 762623 - New)

$68,200.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis Studies in Anthracycline Chemistry, Department of Chemistry (J. S. Swenton), 1 April 1981 through 31 March 1982. (Project 761021 - Continuation)

$60,000.00 - Department of Education, National Institute of Education, Washington, D. C., A Longitudinal Study of the Development of Coherence and Story Structure in Children's Oral and Written Discourse, Academic Faculty of Early and Middle Childhood Education (M. L. King) and Academic Faculty of Humanities Education (V. M. Rentel), 1 April 1981 through 31 March 1982. (Project 762629 - New)

$60,000.00 - Department of Education, Office of Special Education, Office of Procurement and Assistance Management, Washington, D. C., Regular Education Pre-Service Deans' Grant, Academic Faculty for Exceptional Children (P. A. Looney), 1 June 1981 through 31 May 1982. (Project 762170 - Continuation)

$59,387.00 - National Science Foundation, Washington, D. C., Knowledge Organization and Problem Solving for Diagnostic Tasks, Department of Computer and Information Science (B. Chandrasekaran), 1 May 1981 through 30 April 1982. (Project 762640 - New)

$58,117.00 - Department of Education, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 18 March 1981 through 17 March 1982. (Project 762053 - Continuation)

$56,496.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Use of Computer-Aided Testing in the Investigation of Pilot Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 1 April 1981 through 30 September 1981. (Project 762647 - New)

$55,000.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 April 1981 through 31 March 1982. (Project 764386 - Continuation)
$54,326.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Vibration Analysis of Turbine Engine Blades, Department of Engineering Mechanics (A. W. Leissa), 1 May 1981 through 30 April 1982. (Project 762029 - Continuation)


$51,098.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1981 through 31 March 1982. (Project 760661 - Continuation)


$31,740.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (R. A. Wright), 1 April 1981 through 31 March 1982. (Project 762776 - Continuation)

$29,924.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development in Science, Department of Physics (W. R. Riley), 6 April 1981 through 30 September 1982. (Project 762648 - Continuation)

$29,500.00 - National Science Foundation, Washington, D. C., Steric Effects in Polycyclic Aromatic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 May 1981 through 30 April 1982. (Project 761602 - Continuation)
Federal Research Contracts/Grants (contd)


$27,203.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Effects of Processing and Storage on Human Milk, Department of Food Science and Nutrition (P. M. T. Hansen), 1 April 1981 through 31 March 1982. (Project 761475 - Continuation)


$24,997.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 31 March 1981 through 31 August 1981. (Project 760547 - Continuation)

$24,471.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Non-Contact Crash Data Acquisition Interface, Department of Electrical Engineering (H. Hemami), 1 March 1981 through 1 March 1982. (Project 762618 - New)

$23,488.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Digital Signal Processing for Analysis of Simulated Crash Data, Department of Electrical Engineering (H. Hemami), 1 April 1981 through 31 December 1981. (Project 762619 - New)

$22,147.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 July 1981 through 30 June 1983. (Project 762635 - Continuation)

$20,172.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Psychology (R. J. Jagacinski) and Department of Aviation (R. D. Gilson), 1 July 1981 through 31 March 1982. (Project 760476 - Continuation)
**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

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

Federal Research Contracts/Grants (contd)

<table>
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<th>Amount</th>
<th>Description</th>
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<td>$18,664.00</td>
<td>National Science Foundation, Washington, D. C., Elliptic Operators and Series Representations of Lie Groups, Department of Mathematics (H. Moscovici), 1 July 1981 through 30 June 1983. (Project 762653 - New)</td>
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<tr>
<td>$15,954.00</td>
<td>Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Investigation of Crashworthiness Measurement, Department of Mechanical Engineering (D. A. Guenther), 1 April 1981 through 31 December 1981. (Project 762626 - New)</td>
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<tr>
<td>$13,700.00</td>
<td>Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, The Objective Measurement of Sociomoral Reflection, Department of Psychology (J. C. Gibbs), 1 April 1981 through 31 March 1982. (Project 762650 - New)</td>
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<td>$7,562.00</td>
<td>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), 1 April 1981 through 31 March 1982. (Project 760025 - Continuation)</td>
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<td>$6,000.00</td>
<td>Department of Health and Human Services, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association with Nasopharyngeal Carcinoma, Department of Medical Microbiology and Immunology (R. Glaser), 1 April 1981 through 31 March 1982. (Project 761081 - Continuation)</td>
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<td>$6,000.00</td>
<td>Sandia Laboratories, Albuquerque, New Mexico, Stress and Failure Evaluations Associated with Selected Coal Mine Pillar-Panel Configurations, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 20 February 1981 through 31 December 1981. (Project 762590 - Continuation)</td>
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<td>$3,151.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1981 through 31 March 1982. (Project 764400 - Continuation)</td>
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June 11, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$2,521.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1980 through 30 November 1981. (Project 762525 - Continuation)

$2,520.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1981 through 31 March 1982. (Project 762083 - Continuation)


$461.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1981 through 31 January 1983. (Project 762589 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $4,077,689.00

State of Ohio Research Contracts/Grants

$52,000.00 - State of Ohio, Department of Education, Vocational Education Division, Columbus, Ohio, Coordination of Statewide Career Education Activities, Academic Faculty of Special Services (J. J. Quaranta, Jr.), 1 January 1981 through 30 September 1981. (Project 762632 - New)

$975.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 4A, Mansfield Campus (D. W. Kramer and D. R. Morse), 1 October 1980 through 30 September 1981. (Project 762440 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 52,975.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$95,000.00 - University of California, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Producers, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith) and Department of Agronomy (R. W. Van Keuren), 1 February 1981 through 30 September 1981. (Project 761949 - Continuation)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$49,998.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 1 July 1981 through 31 December 1981. (Project 760604 - Continuation)

$35,419.00 - American Cancer Society, New York, New York, Nasopharyngeal Cancer: Diagnostic/Prognostic Testing, Department of Medical Microbiology and Immunology (R. Glaser), 1 April 1981 through 31 March 1982. (Project 762633 - New)


$25,002.00 - Upper Arlington Schools, Upper Arlington, Ohio, Instruction and Direct Services for Upper Arlington Demonstration and Validation of Career Education Project (USDE), Academic Faculty of Special Services (J. J. Quaranta), 1 February 1981 through 30 September 1981. (Project 762630 - New)

$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Application for Young Investigator Research Position Award, College of Pharmacy (J. J. MacKichan), 1 July 1981 through 30 June 1982. (Project 762641 - New)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$20,000.00 - City of Columbus, Division of Fire, Columbus, Ohio, City of Columbus Fire Project, College of Administrative Science - Continuing Education (J. Stanley), 1 January 1981 through 30 June 1981. (Project 762631 - Continuation)

$12,675.00 - The Standard Oil Company, Cleveland, Ohio, Assimilate Partitioning, Department of Botany (C. A. Swanson), 1 April 1981 through 31 March 1982. (Project 762657 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiologic Effects of Ethanol in Dog Hearts, Departments of Veterinary Clinical Sciences and Veterinary Physiology and Pharmacology (W. W. Muir) and Department of Veterinary Clinical Sciences (S. M. McGuirk), 1 July 1981 through 30 June 1982. (Project 762651 - New)

$8,525.00 - Martha Holden Jennings Foundation, Cleveland, Ohio, The Development of an Enrichment Program in Children’s Literature, Lima Campus and Academic Faculty of Early and Middle Childhood Education (J. V. Kristo), 15 February 1981 through 31 August 1981. (Project 762628 - New)

$6,900.00 - Massachusetts Institute of Technology, Cambridge, Massachusetts, INFOPLEX Data Based Computer Architecture, Department of Computer and Information Science (D. K. Hsiao), 15 September 1979 through 15 June 1980. (Project 762654 - New)

$4,625.00 - The Burroughs Wellcome Fund, Research Triangle Park, North Carolina, Research and Collaboration at University of Dundee Medical Sciences Institute, Scotland, Department of Food Science and Nutrition (J. B. Allred), 15 June 1981 through 15 October 1981. (Project 762624 - New)

$4,500.00 - Greater Columbus Arts Council, Columbus, Ohio, Provisional Theatre Residency, Department of Theatre (A. L. Woods and Y. Shafer), 12 January 1981 through 11 May 1981. (Project 762646 - New)


$1,200.00 - Ohio Academy of Family Physicians, Columbus, Ohio, Panic Attacks, Agoraphobia, and Depression, Department of Family Medicine (L. L. Gabel), 1 February 1981 through 30 June 1981. (Project 762627 - New)
June 11, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$1,000.00 - Linn-Benton Community College, Albany, Oregon, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

$745.78 - Southeast Missouri State University, Cape Girardeau, Missouri, The Preparation of Supplemental Instructional Units Based on Crustal Research for Use in Grades 8-10, Academic Faculty of Science and Mathematics Education (V. J. Mayer), 1 September 1978 through 31 December 1979. (Project 761382 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 521,767.53

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$59,681.00 - various sponsors for 26 development projects under the direction of six engineering departments and research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$50,000.00 - The Proctor & Gamble Company, Cincinnati, Ohio--$42,500.00 for Toxic Shock Research Fund and $7,500.00 for Proctor and Gamble Company Fellowship in Chemistry.

$43,334.65 - Estate Under the Will of Miss Sara Crist, Columbus, Ohio, for Ohio State National Merit Scholarship Fund.

$30,655.24 - Louise Orr Scott Foundation, Columbus, Ohio--$22,991.43 for William Craig Orr and Mary Black Orr Scholarship in Medicine and $7,663.81 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

$29,254.00 - Adria Laboratories, Inc., Columbus, Ohio, for Clinical Pharmacology Fund.

$29,008.40 - Estate Under the Will of Florence Ogden Wilson, Oklahoma City, Oklahoma, for Florence O. Wilson Endowment Fund.
June 11, 1981 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)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Donor</th>
<th>Purpose</th>
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<tbody>
<tr>
<td>$25,000.00</td>
<td>Chemlawn, Columbus, Ohio</td>
<td>for Electropharmacology Research - Hollander Fund.</td>
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<td>$25,000.00</td>
<td>Gene P. Dragonette, Huntsville, Ohio</td>
<td>$20,000.00 for Presidents Club Special Fund and $5,000.00 for Friends of WOSU.</td>
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<td>$18,500.00</td>
<td>The Upjohn Company, Kalamazoo, Michigan</td>
<td>for Upjohn Company Graduate Training Fellowship.</td>
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<td>$15,000.00</td>
<td>The Kaplan-Halpert Foundation, Inc.</td>
<td>for The Jack M. George Fund.</td>
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<td>$13,184.88</td>
<td>University Eye Surgeons, Inc.</td>
<td>for Eye Bank Fund.</td>
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<tr>
<td>$10,148.00</td>
<td>Dr. Fritz Strauman, Liestal, 13 Switzerland</td>
<td>for The Hans Willenegger Residency in Veterinary Surgery.</td>
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<tr>
<td>$10,000.00</td>
<td>Mid Ohio Automotive, Inc.</td>
<td>for Student Athlete Grant-in-Aid Fund.</td>
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<tr>
<td>$10,000.00</td>
<td>Nationwide Mutual Insurance Company</td>
<td>$5,000.00 for C. William O'Neill Professorship of Law Fund and $5,000.00 for Student Athlete Grant-in-Aid Fund.</td>
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<td>Systems Associates, Inc.</td>
<td>for Cardiology Support Fund.</td>
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<td>$8,764.00</td>
<td>Pfizer, Inc., Groton, Connecticut</td>
<td>for Infectious Disease Research Fund.</td>
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<tr>
<td>$8,248.09</td>
<td>Retinal Consultants, Inc.</td>
<td>for Retina Research Fund.</td>
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<td>$8,000.00</td>
<td>Central Ohio Center for Economic Education</td>
<td>for Center for Economic Education.</td>
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<td>$7,198.79</td>
<td>Trust Under the Will of Carl M. Baldwin</td>
<td>for Carl M. and Grace C. Baldwin Eye Care Fund.</td>
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<td>$7,000.00</td>
<td>Construction Equipment Group, Worthington</td>
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<td>$7,000.00</td>
<td>Grumman Dormavac, Woodbury</td>
<td>for Department of Horticulture Support Fund.</td>
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</table>
June 11, 1981 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)

$6,588.00 - SISA Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

$6,324.25 - William H. Havener, M.D., Columbus, Ohio, 617 shares Patrick Petroleum warrants, for Ophthalmology Teaching Fund.

$6,300.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$6,000.00 - The Falk Corporation, Milwaukee, Wisconsin, for Gear Dynamics and Gear Noise Research Laboratory Fund.

$6,000.00 - The Horsburgh & Scott Company, Cleveland, Ohio, for Gear Dynamics and Gear Noise Research Laboratory Fund.

$6,000.00 - The Tool Steel Gear and Pinion Foundation, Cincinnati, Ohio, for Gear Dynamics and Gear Noise Research Laboratory Fund.

$5,242.27 - Maffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

$5,100.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Infectious Disease Research Fund.

$5,001.00 - Texas Marketing Area, Order No. 1126, Dallas, Texas, for Ohio Agricultural Business Fund.

$5,000.00 - The Dow Chemical Company, Midland, Michigan, for Soil Fertility Research Fund.

$5,000.00 - The Duriron Company, Inc., Dayton, Ohio, for Duriron Professorship in Metallurgical Engineering.

$5,000.00 - Edison Electric Institute, Washington, D.C., for Lamme Power Systems Laboratory.

$5,000.00 - The Samuel Mendel Melton Foundation, Columbus, Ohio, for The Melton Fund-Lewis Fund.

$5,000.00 - Mrs. Dorothy V. Steiner, Clearwater, Florida, for Loren F. Steiner Entomology Memorial Fund.
Establishment of Named Funds

Department of Pathology Educational and Research Discretionary Fund

The Department of Pathology Educational and Research Discretionary Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the faculty and friends of the Department of Pathology, College of Medicine.

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

The annual income is to be used to provide one or more fellowships for pathology resident physicians who wish to pursue an additional one- or two-year program in research and education at The Ohio State University leading to eligibility for the examinations of Special Competence of the American Board of Pathology. The Department is authorized to invade the principal amount of the endowment if necessary. The selection of the recipients is to be made upon the recommendation of the Department Chairman and the Dean of the College of Medicine.

Should the need for these pathology 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 Chairman of the Department of Pathology in the College of Medicine.

The Kimberly L. Garland Memorial Scholarship Fund

The Kimberly L. Garland Memorial Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Kimberly L. Garland.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 is to be used to provide annual scholarships for two or three undergraduate students enrolled at The Ohio State University. Preference shall be given to entering students from Zanesville High School, Zanesville, Ohio. Selection of the scholarships for entering students is to be coordinated with the Superintendent of Schools, or designee, Zanesville Board of Education, Zanesville, Ohio. Selection is to be based on academic record and evidence of leadership without regard to the applicant's financial need. Recipients may reapply. Selection will be under the jurisdiction of the University Committee on Student Financial Aids.
Establishment of Named Funds (contd)

The Kimberly L. Garland Memorial Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then a representative of the family heirs in conjunction with the Board of Trustees can review the various legal options at that time and jointly decide the distribution of this income and its purpose.

The Joseph B. Collinson Scholarship Fund

The Joseph B. Collinson Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University from the Textron Corporation of Providence, Rhode Island.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 a scholarship for an accounting student completing the junior year who has indicated an intent to go on with graduate studies in accounting; achieved outstanding academic rank and provided concrete evidence of leadership. The selection of the recipient is to be made upon the recommendation of the selection committee, consisting of the Chairman of the Academic Faculty of Accounting, a member of the Accounting Faculty teaching in the Honors Program and the Adviser of the Student Accounting Association.

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 accounting education.

The Bishop Family Scholarship Fund

The Bishop Family Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund sponsored by the Bishop family.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.
June 11, 1981 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 Bishop Family Scholarship Fund (contd)

The annual income from the principal is to be used to provide scholarship assistance to a needy fourth-quarter student enrolled in the College of Agriculture who has completed his/her freshman year at The Ohio State University with a creditable grade point average. The recipient must be a current resident of the State of Ohio, of good moral character, a present or former qualified member of 4-H, FFA, or the FHA organizations in Ohio, and must be a current resident of the OSU dormitories, approved residence halls, or other approved residence while enrolled in the college. The scholarship may be granted for one year and for no longer than a three-year period to the same recipient as long as he/she continues to meet the above requirements.

The selection of the recipient shall be made by the University Committee on Student Financial Aids with recommendations from the Dean or Assistant Dean for Student Affairs in the College of Agriculture.

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 curricula in agriculture.

The James and Stella Lee Scholarship Fund for National Merit Students

The James and Stella Lee Scholarship Fund for National Merit Students was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Jerry D. Lee, B.S.Bus.Adm. ’58, Greenwich, Connecticut.

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 scholarships for one or more National Merit student(s) who are graduates of Marion Harding High School (Marion, Ohio) enrolling at The Ohio State University. The selection of the recipient(s) shall be made by the University Committee on Student Financial Aids. Candidates from Marion Harding High School are to be recommended by a faculty committee of Marion Harding 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 given to currently available program(s) supporting merit scholarships.
June 11, 1981 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 Shaw Long Scholarship Fund

The Elizabeth Shaw Long Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Harry H. Long, Jr., ’48, in memory of his mother, Elizabeth Shaw Long.

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

The annual income shall be used to provide 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. During the lifetime of the donor, the Office of Student Financial Aids will annually provide the donor with the name of the student who receives 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.

The P. Philip Sabatino Memorial Fund

The P. Philip Sabatino Memorial Fund was established June 11, 1981, 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 P. Philip Sabatino, B.S.Bus.Adm. ’54, 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 is to be used for education, research and patient care programs in the health sciences. Requisitions for the use of funds will be approved by the Vice President for Health Sciences.

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 education in the health sciences.
June 11, 1981 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 Walter F. Gnezda Memorial Scholarship Fund

The Walter F. Gnezda Memorial Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from his wife, Mary A. Gnezda, M.A. '61, Ph.D., '72, and daughters, Nicole G. Smith and M. Therese Gnezda, and son, Eric W. Gnezda, in memory of Walter F. Gnezda, B.S.Bus.Adm. '51, 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for the sons and daughters of parents who have multiple sclerosis and who have demonstrated a need for financial assistance. The selection of the recipient 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, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

Change in Description of Named Fund

The Jack M. George Fund

The Jack M. George Fund was established April 6, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Kaplan-Halpert Foundation of Cleveland, Ohio.

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

The annual income is to be used for research and training in Endocrinology, including such things as graduate fellowships, equipment, consumable supplies for research (such as chemicals, glassware, animals, isotopes), salary for research assistant, seminars, travel, publication costs, books and journals and eventually for the endowment of a faculty chair in the Division of Endocrinology, Department of Medicine. Requisitions for funds are to be approved by Dr. Jack M. George, as long as he is a member of the OSU faculty, the Chairman of the Department of Medicine, and the Dean of the College of Medicine. Any income not used in a given year may be added to the principal at the direction of the Chairman of the Department of Medicine.
June 11, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund (contd)

The Jack M. George 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 to establish an endowed faculty chair in the department of medicine.

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EMPLOYMENT OF ARCHITECT/ENGINEER

HEALTH SCIENCES CENTER ROADWAY (INTERNAL LOOP)
AND HEALTH SCIENCES CENTER STORM SEWERS

Resolution No. 81-135

Synopsis: Authorization to employ a qualified engineering firm to perform engineering services for this project is requested.

WHEREAS the Health Sciences Center component of the Comprehensive Master Plan recommends several revisions to the interior traffic pattern of the Health Sciences Center in order to reduce congestion, simplify traffic flow, discourage short-cut traffic, increase pedestrian area and establish the principal circulation loop and other desired traffic patterns; and the additional project for storm sewers will drain the area at the Emergency Room entrance to Rhodes Hall by additional drain lines and the installation of larger sewer pipes in the area; and

WHEREAS it is proposed to construct a new roadway section between Cannon Drive and Belmont Avenue, widen Belmont Avenue north of the new roadway, eliminate West Ninth Avenue between Perry Street and Belmont Avenue, eliminate a portion of Belmont Avenue, modify West Tenth Avenue east of Belmont Avenue and provide appropriate signage, barriers, landscaping, drainage, traffic control devices, and storm sewer modifications:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to select a qualified engineering firm from a list of firms provided by the Department of Administrative Services; and

BE IT FURTHER RESOLVED, That the fee for services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, and that all final actions will be dependent on final passage of the current Capital Appropriations Bill of the
EMPLOYMENT OF ARCHITECT/ENGINEER (contd)

HEALTH SCIENCES CENTER ROADWAY (INTERNAL LOOP) AND HEALTH SCIENCES CENTER STORM SEWERS (contd)

State of Ohio for The Ohio State University for the Fiscal Year 1981-82 with the project cost for construction estimated to be $900,000.00.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, 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. 81-136

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 Administration 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:

ROOF REPLACEMENTS, 1981

Description: Restoration of roofing systems for Robinson Laboratory, Plumb Hall, Optometry Building and Mershon Auditorium, due to deterioration.

General Contract

Date Received: May 13, 1981
No. of Bids: 4
Low Bid: $ 547,383.00*
High Bid: $1,231,000.00*
Estimate of Cost: $ 915,000.00*
Awarded to: C. E. Mays Roofing, Westerville, Ohio

Total Contingency Allowance: $ 43,790.51 which is 8 per cent of construction contract
Total Project Cost: $ 596,935.00
Funding: Budget Account 210134 and 885155

*Recommended alternates reflected in these figures.
### MASONRY REPAIRS (EXTERIOR) 1981

Description: Repair deteriorated masonry on Graves Hall, Koffolt Laboratories, Civil and Aeronautical Engineering Building and Scott Hall.

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<tr>
<th>General Contract</th>
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<tr>
<td>Date Received:</td>
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<td>No. of Bids:</td>
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<td>Low Bid:</td>
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<td>High Bid:</td>
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<td>Estimate of Cost:</td>
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<td>Total Contingency Allowance:</td>
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<td>Total Project Cost:</td>
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<td>Funding:</td>
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### EXTERIOR PAINTING, 1981 (SEVEN BUILDINGS)

Description: Due to deterioration, painting will be accomplished on all trim work to Lazenby Hall, Ives Hall, Maintenance Building, ElectroScience Laboratory, Mendenhall Laboratory, Page Hall and Derby Hall.

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<td>Total Project Cost:</td>
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<td>Funding:</td>
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*Recommended alternates reflected in these figures.
June 11, 1981 meeting, Board of Trustees

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

SPHINX PLAZA

Description: Construction of landscape project to be known as Sphinx Plaza. In connection with this, members of the Sphinx have elected to commemorate the 75th Anniversary of the Sphinx Senior Honorary Society to be held in 1982 with this Plaza.

General Contract

Date Received: April 15, 1981
No. of Bids: 6
Low Bid: $ 69,500.00*
High Bid: $ 106,300.00*
Estimate of Cost: $ 122,100.00*
Awarded to: Henry A. Justus, Inc., Columbus, Ohio

Total Contingency Allowance: $ 3,102.40 which is 4.5 per cent of construction contract
Total Project Cost: $ 90,000.00*
Funding: Sphinx 75th Anniversary Gift Fund

STADIUM DRIVE BRIDGE REPAIRS

Description: Repair stone mortar joints, reinforce stone anchors and patch concrete arches due to deterioration. These repairs will be over the Olentangy River Road span of the bridge.

General Contract

Date Received: May 7, 1981
No. of Bids: 4
Low Bid: $ 11,050.00*
High Bid: $ 20,237.00*
Estimate of Cost: $ 42,420.00*
Awarded to: Raymond E. Kelley, Bowmansville, New York

Total Contingency Allowance: $ 1,105.00 which is 10 per cent of construction contract
Total Project Cost: $ 12,802.00
Funding: Budget Account 210134

*Recommended alternates reflected in these figures.
June 11, 1981 meeting, Board of Trustees

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

NOW THEREFORE

BE IT RESOLVED, That pursuant to 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 reported.

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

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ACCESSION OF PROPERTY
95 EAST 12TH AVENUE, COLUMBUS, OHIO
Resolution No. 81-137

Synopsis: Opportunity to acquire property to establish a named fund is proposed.

WHEREAS the University has been provided with an opportunity to acquire the property located at 95 East 12th Avenue, Columbus, Ohio; and

WHEREAS the Ohio State Gamma Alpha Association, an Ohio nonprofit corporation, has offered to make a gift of said property to the University, subject to the condition that the proceeds from the sale of said property be used to establish the Gamma Alpha Library Fund, and earnings are to be used to purchase reference materials for the University's science libraries (Departments of Chemistry, Physics, Botany, Biological Sciences and Geology):

NOW THEREFORE

BE IT RESOLVED, That the property be accepted as a gift to the University through the Development Fund from the Ohio State Gamma Alpha Association; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to said property in the name of the Board of Trustees of The Ohio State University.

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

--o--
June 11, 1981 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 81-138

RESOLVED, That the report on the University's Investment Portfolio, dated May 15, 1981, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--o--

REPORT - PRESIDENT HAROLD L. ENARSON

President Enarson:

Mr. Chairman, under Reports I have two items; both are brief and one is good and one is bad. The good item is that the Athletic Council has unanimously passed a resolution that OSU forward its commitment to the Big 10 that we wish to affiliate our Women's Intercollegiate Program with the Big 10 conference; that is the good news. The bad news is there is a 60 per cent chance of rain tomorrow at commencement. That concludes my report.

--o--

Thereupon the Board adjourned to meet Friday, July 10, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
OFFICIAL PROCEEDINGS OF THE
FIRST JOINT MEETING
OF THE OHIO STATE UNIVERSITY BOARD OF TRUSTEES
AND THE UNIVERSITY HOSPITALS BOARD

Columbus, Ohio, June 11, 1981

The Chairman of the University Board of Trustees, Mr. Chester Devenow, con-
vened the meeting of the Board of Trustees and University Hospitals Board at 3:00 p.m. in
the Alumni Wing of the Fawcett Center for Tomorrow.

* * *

University Board of Trustees Present: Chester Devenow, Chairman, D. James

University Hospitals Board Present: Judge Robert M. Duncan, Chairman, Jose-
phine S. Failer, Charles Y. Lazarus, Frank Lomax, Lloyd M. Parks, Wilbur W. Jones, Morris
June 11, 1981 Joint Meeting, Board of Trustees and University Hospitals Board

Mr. Devenow:

As this is the first official meeting of the Hospitals Board and the Board of Trustees, we are delighted to have you and should be interested in finding out what is going on, and so with that I'll turn it over to Judge Duncan, the Chairman.

UNIVERSITY HOSPITALS BOARD FIRST YEAR REPORT

Judge Duncan:

Thank you very much Mr. Chairman, and members of the Board of Trustees, President Enarson: We in the Hospitals Board appreciate the opportunity to meet with you today. We know you have had a long day, you have handled important matters, and we don't intend to burden you with lengthy remarks. We do believe, however, that it is important that we candidly report to you concerning our first year's activity. But before that, from the Hospitals Board, we would like to spread upon the records of this meeting congratulations to Dean William Wallace of the College of Dentistry, and certainly to Dean Manuel Tzagournis of The Ohio State University College of Medicine. I don't know that we know Dean Wallace as well as we expect to in the future, but we certainly have spent a delightful year working with and coming to know the strengths of Dean Tzagournis, and we know that we will enjoy working with him in the future. He is going to be an outstanding Dean of The Ohio State University College of Medicine and has been so far, and our sincere congratulations to those two persons and express our delight with their selection to this Board of Trustees.

I don't have a penchant for making presentations; however, I do find some comfort in making today's report since it is always pleasant to bring some good news. I have hopefully before you a written report which I tried to make concise. Perhaps its difficulty is it terribly understates the amount of effort that has been made by the members of the Hospitals Board. We have had great attendance in both regular, committee and special meetings, and after one year, we have come to better understand the thrust of the challenge that President Enarson related to us when we first came into being on May 2, 1980, and the first page of our report quotes President Enarson. He first started by mentioning the great awareness that we all have of health care nationally, and then he says, 'The OSU Hospitals face many of the same problems haunting community hospitals everywhere—rising costs along with rising expectations and rising resistance to cost increases. They face other pressing problems such as regulation, shortages of health professionals, etc.,' and then he next says, 'In addition to all of those they tend to become even more complicated in a University setting where teaching and research adjoins patient care,' and then he concluded by saying, 'It is not an overstatement to assert that future historians of the University will regard the formation of this University Hospitals Board as a major step in improving the health care and health sciences educational programs at the University.' Well, we believe that given realities, complexities, and so forth that he spoke of—his thinking, your Board's thinking, and the action taken to create this Hospitals Board was a prudent course of action. The Vice President for Health Sciences, the Acting Dean, now Dean of the College of Medicine, the medical staff, the hospital administration, the entire staff have all welcomed us, and I believe, would agree with us that the Board's existence is a positive. This perception is evidenced by the excellent cooperation...
that we have had from all of those persons. You know, I have been around Columbus for a long time, and I have been to the University Hospitals complex many, many times, and I thought I had a pretty good idea of what I understand now is 39 acres amounts to. I didn't know anything until I started following Charles Lazarus and Dr. Cramblett and Don Cramp around that complex, and my goodness, it is enormous and it is outstanding!

One of the interesting asides, along with all the other learning information I have received while a member of the Dean's Search Committee for the Dean of the College of Medicine, I did have an opportunity to talk with many outstanding medical scientists from throughout the country who came here, and to a person they all attested to the extraordinary facilities that we have on this campus, and I think that has certainly been borne out by what we know. I want to comment on the many hours and the effort that Charles Lazarus has exhibited in touring and coming to know those facilities so that he can better chair his committee and help this University. He has been outstanding.

It really doesn't make too much difference what sort of facilities you have anywhere unless you have the right kind of people. People make excellence, and I think we have those kind of people as we have come to know them more and more all the time. During our early stages of existence we went through a learning process, and we had all sorts of overviews from medical staff and the Dean of Pharmacy, from the hospital staff and all sorts of people. We have come to be fascinated by the nationally known health scientists who practice and study there, research there. A report which I have furnished you mentions some of those persons who have appeared before the Board, but even more than that many more persons have appeared before our committees. When we first began our duties it was necessary to staff our committees with members of the medical staff. At that time medical staff was not organized because they didn't have any bylaws. They still aren't completely finished with their preparation of their bylaws, but they are working on it. It is a difficult project, but they are working on it. But in the meanwhile, we needed some persons from the medical staff to staff our committees so that we could begin to operate. It was just outstanding that the sort of cooperation that we received from them by quickly conducting a very fair and reasonable election, and we are pleased to have a medical staff in place. They serve on our committees, they make outstanding contributions, they ask hard questions, and they answer hard questions so it has been a joy to work with them and I'm just pleased that Dr. Earl Metz, Vice Chairman of Medicine, has been elected our temporary Chief of Staff and he has been a very reasonable and helpful person.

The report which is before you also calls into account some recent developments in the administration of the Hospitals under Vice President Cramblett and our new Executive Director of the Hospitals, Donald Cramp. We have new people; we have some other people who have been reassigned. I have my PRIDE button on. We have a PRIDE campaign going on; we have PRIDE pencils and maybe you might think that is certainly an aside, but you know it has been helpful and I can
June 11, 1981 Joint Meeting, Board of Trustees and University Hospitals Board

UNIVERSITY HOSPITALS BOARD FIRST YEAR REPORT (contd)

Judge Duncan: (contd)

see some changes. There is nothing wrong with this program to appeal to pride, and I am just extremely proud of it, and I think we have a lot of people who are very excited because of Don Cramp and the people he works with about what they are doing at the Hospital; they care and I think that is going in the right direction. He has done a letter campaign emphasizing cleanliness, grooming, patient concern, and all that sort of thing. I am pleased to say that under the direction of John Wolfe, the Finance Committee has put in good procedures, and they are pulling the thing together and have had excellent cooperation from everybody on that front.

Turning now to the Board—the Hospitals Board duties and responsibilities. The bylaws which this Board has provided us which set forth a general mission statement, our general mission, oversight, and planning. The bylaws were well written, and they seem to be an adequate vehicle; nevertheless, any laws have some difficulty in the reality of application, they leave questions unanswered; and so do these. And our mission, it's awesome. And when you complicate the mission of patient care with teaching and research, then it calls into question what is this Board's function with regard to all of those. What decisions are our responsibility; what are not?

We spent a lot of time patiently brainstorming, blue sky ing, if you will, trying to understand that, so we felt it would be helpful—and with the suggestion of Dr. Cramblett, we asked Dr. Hogness, formerly Dean of the College of Medicine, formerly the President of the University of Washington, to come in and talk with us about the experience of our counterpart at the University of Washington. We did that. In addition, we had Mr. Atwood from Minneapolis, who was the Chairman of the Hospital's Board of the University of Minnesota. He came in and shared his perceptions of responsibility and rights and duties with us. We have heard from Dr. Cramblett, Dr. Tzagournis, Mr. Cramp, all this information about how all these things fit together in that setting, and what is this Board's responsibility with relation to each of those and all of those enterprises.

Rather plainly stated, there are no hard answers to those questions, so we just can't go out and find a matrix and lay down to use as a mold to fit ourselves into. I think what is going to happen is that the Hospitals Board's role in specificity will evolve from our experiences. There are no bright line answers available. We are going to have to do this as we go along and with effort, knowledge, and reasonableness. I think we are going to be able to find our answers, and I expect the Board is going to be able to perform its mission as set forth in the bylaws. In other words, I believe that the bylaws have been generally highly utilitarian, but there are many unanswered questions which we are working on.

We have also in addition to the standing committees provided for by our bylaws—the Hospital Facilities Committee, the Finance Committee, and the Joint Conference Committee—I have also constituted a Governmental Affairs Committee which has to do with our many, many relationships with local, state, and governmental agencies, and we have had just excellent work by the committee chaired by Wilbur Jones. We have had excellent cooperation and work from that committee.
I have called your attention to what I consider to be a problem with our bylaws, and a couple of sections of the bylaws are set forth on page 8 of the report and has to do with this Board’s chain of reporting responsibility. Whether it is the case that this Board has a chain of reporting responsibility up through the other areas of the academic administration of this University or is it a right arm of this Board of Trustees and has the duty to report to this Board of Trustees. There is much to be said for either position. I candidly brought it, put it in this report, brought it forth because this is a matter that is not to be hidden; it is a matter that is to be talked about and addressed, and it is a matter of concern with us, and I don’t know any other way to do it than to tell you that in a proper time we would hope that you would lend your attention to it, hear all sides of this problem, and I don’t believe that it will be incapable of solution if reasonableness prevails. It just most certainly should not be hidden around somewhere in the dark and allowed to fester.

Well then, I have spoken too long, but in conclusion the Hospitals Board’s service has been an exciting, learning process. Working with the distinguished members of our Board has been enlightening, inside knowledge that the Hospitals are in excellent operation; that’s today, and we have seen improvement, and we expect steady improvement and that kind of a relationship is comforting. All of the members of our Board fortunately have been associated with highly successful business, professional, or civic boards of all kinds. We are proud of such service. Likewise, we are proud to be associated with the women and men who work and practice at University Hospitals. This University, this community, and the people of the State of Ohio can also be proud of the total institution over there and be encouraged by the prospects for future excellence in the teaching of the health sciences and patient care. That ends my comments.

I would now like to call on the members of our standing committees. First I am going to call on Dean Emeritus Parks to give a short report concerning the activity of the Joint Conference Committee. Mr. Dean Jeffers is the Vice Chairman of the Hospitals Board and as such by the bylaws the Chairman of the Joint Conference Committee. Unfortunately we have known for a long time that Dean wasn’t going to be with us today. As you all know he is winding down his tenure as Chairman, Chief Executive Officer of Nationwide Corporation, and these are busy times for him and we miss him. He has been with us all the way; very active. We are sorry he couldn’t be here, and we are delighted that Dean Parks is here, and he is certainly no stranger to those of you who love this University, and he has been a great member of our Board. Dean, if you would.

JOINT CONFERENCE COMMITTEE SUMMARY

Dean Parks:

Mr. Chairman, Members of the Board of Trustees, and Fellow Board Members: It is indeed a pleasure for me to report for Mr. Dean Jeffers, Chairman of the Hospitals’ Joint Conference Committee. Mr. Jeffers, in his absence—and I assure you
June 11, 1981 Joint Meeting, Board of Trustees and University Hospitals Board

JOINT CONFERENCE COMMITTEE SUMMARY (contd)

Dean Parks: (contd)

he did wish to be with you—has asked that I make it known to you that he does appreciate the exceptional hard work and cooperation he has received from his committee members.

The intention of the Joint Conference Committee is to bring together principal representatives of the Hospitals Board, the Medical Faculty and Hospital Administration. The subjects discussed on each meeting agenda generally address matters of policy which impact commonly upon those areas of patient care, faculty and employee well-being. However, in our particular Hospital we also consider matters that relate not only to patient care but to teaching and research as well.

The Bylaws of the University Hospitals Board are a bit more formal and they charge our committee with such legalese as ‘... a forum for discussion of medical policy and practice in the University Hospitals and shall advise the Board concerning Hospitals’ patient care goals, policies, standards of care, and general operating problems.’

Through the first year of the Hospitals Board’s existence, we have certainly lived up to our charge. We have tackled longstanding issues of significant policy and have worked toward resolution of Hospital-wide problems. The committee meetings have been very well attended and the frank and open exchange among the professionals involved in the work of this committee has been a model of cooperation. The results have been good, with our approval of specific actions leading to positive results.

Let me take a moment to highlight some of the issues which we have discussed and at times acted upon when it has been appropriate. While I will just highlight some of these issues, I will be pleased to respond as will Dr. Cramblett or Mr. Cramp should you have questions.

One of the first issues raised by our respected Chairman, Mr. Dean W. Jeffers, was in the way of a simple question: what is the single most pressing matter to be resolved in the Hospitals at this time? The responses were remarkable and we have been working on those issues ever since. We have addressed a Pediatric Burn Policy, the ongoing accreditation of our Hospitals by the Joint Commission on Accreditation of Hospitals, the occupancy progress of Rhodes Hall (now completed), the renovation and restoration program in University Hospital, the nurse staffing program which should lead us to the opening of all beds by this year’s end, and other employee policy matters. We have reviewed an informational patient survey questionnaire on a quarterly basis which serves as a report card for many components of the Hospital. One important subject has been the evolution before this Committee of the Medical Staff Bylaws. We have reviewed the Hospitals’ plan for handling disasters, including fire and tornado. Also, the Hospitals’ self-insurance program has been subjected to our review. We are beginning our review at this time of anesthesiology coverage for the Hospitals. We review such professional matters as the infection control within the Hospitals,
JOINT CONFERENCE COMMITTEE SUMMARY (contd)

Dean Parks: (contd)

receiving an in-depth report by the physician director of that program. We recently have reviewed the question raised in the media concerning the re-creation of the Columbus Hospital Federation. And too, this Committee receives and reviews all medical staff appointments to our Hospitals.

While time has permitted only this brief overview, I am hopeful that I have succeeded in presenting to you a sample capsule of the substance brought before this senior committee.

As a closing personal note, after spending so many years at this great University I am delighted to see so many improvements occurring at University Hospitals. I am pleased to be a part of the work of this distinguished Hospitals Board. I assure you that this Board absolutely has the best interests of The Ohio State University and its Hospitals first and foremost in all of its deliberations and actions.

May I again turn back to Judge Duncan for his wish to possibly accept questions or move to other reports.

Judge Duncan:

Perhaps we should go ahead with the entire series of reports and then stand for questions. I spoke with Mr. John W. Wolfe yesterday afternoon; he was on his way to Indianapolis, and he expressed regret at not being able to be here (he planned to be here). Mr. Wolfe has been an active (believe me) an active person in charge, very much in charge of the Finance Committee of our Board. Talk about the hard questions; he has really asked them; he has been a good leader, and we are pleased with his participation. I am sorry he is not here, and I express regret on his behalf. But we have another one of our active members who has been just a stalwart as she is for everything concerning this University when asked. I don't know that we have any one in this entire state more dedicated--now I am talking advisement--and more dedicated than Jo Failer, and those of you who love this University know that as well as I do. So we are pleased that she is a member of our Finance Committee, a member of our Board, and I am going to ask that she give comments concerning the activity of the Finance Committee.

FINANCE COMMITTEE SUMMARY

Mrs. Failer:

Mr. Chairman, President Enarson, University Trustees and Fellow Hospital Board Members: It is my pleasure to report for Mr. John Wolfe, Chairman of the Hospital Finance Committee.

The Finance Committee as constituted by the Hospital Bylaws is responsible to advise the Hospital Board on financial matters, specifically the annual review of the operating budget, monthly financial reports, and proposals to the Board and University Administration for adjusting Hospital charges for services.
The first meetings of the Finance Committee were used to orient the members as to the fiscal operating philosophy and historical and current financial status of University Hospital.

We are pleased to report to you today that the Hospital is financially stable and is progressing in a businesslike manner in the conduct of its administrative and fiscal affairs.

At the close of the first ten months of the budget year 1981, the University Hospital is operating with net revenue exceeding budget by 5 per cent. Operating expenses are 2 per cent below the ten-month budget. The increased volume of patient revenue is due to activation of beds in Rhodes Hall and a higher than projected occupancy. The first ten months occupancy is 85 per cent of activated beds. This is a ten-month average, while in many services and on particular days the Hospital is experiencing occupancy in the range of 92 per cent and 93 per cent. The national average for voluntary hospitals has been an occupancy of 74 per cent. University Hospitals is 10 per cent above this average and is on a steady increase in projected occupancy.

With the increase in revenue, net accounts receivables have increased, however the days in accounts receivable have been at a steady decline since January and are currently at 85 days (or a reduction of 18 days) in the last four months.

A review of the professional practice insurance fund indicates a very strong financial position on behalf of the Hospital.

Currently the Finance Committee is making an extensive review of the Blue Cross contract and the effect upon University Hospital and the general public. Coinciding with this review a tentative Hospital budget was submitted to Blue Cross for a rate increase to be effective July 1, 1981. Since there are several issues currently under consideration a full report will be submitted by the Hospital Board at a later meeting.

The Finance Committee is scheduled to review at its first meeting in July a complete proposal from Hospital Administration on management of accounts receivable, and credit and collection, and policies for the future years.

A comparison of teaching hospital’s costs was reviewed by the Finance Committee. The Ohio State University Hospitals compared favorably in all areas of cost containment as measured by that data.

While the state of the economy and the reduction of State and Federal programs will put many pressures on University Hospitals, we feel strong financial practices of the past, and proposed for the future, will allow University Hospitals to maintain and improve quality in its patient care, teaching and research programs.
Mrs. Failer: (contd)

Mr. Wolfe would like to express his appreciation to members of this Committee who have performed well in a very complicated world of hospital finance. Members of the Committee are Dr. Crumblett, Josephine Failer, Wilbur Jones, Dr. Earl Metz, Edmund Redman, Madison H. Scott, Dr. Manuel Tzagournis (I can say Dean now), Dr. William Vandament, and John Wolfe. Mr. Boyanowski and Mr. Cramp also work with us on behalf of Hospital administration.

May I again, turn back to Judge Duncan for his wish to possibly accept questions or to move to other reports.

Judge Duncan:

Lastly, I will call on Charles Lazarus, who is Chairman of the Hospitals Facilities Committee. I can't tell you the amount of hours that this man has given of his valuable time to what goes on—there is no end. He made my back hurt with all his tours too. We certainly are pleased that you have taken this on and have spent so much time—Mr. Lazarus.

Mr. Lazarus:

Judge Duncan, Members of the Trustees, President Enarson: The Facilities Committee of the Hospitals has the responsibility of monitoring the condition of the Hospitals’ facilities and have the responsibility for planning and recommending additions, alterations, repairs, and maintenance. It sounds like it is a simple chore; we have found out it is not quite so simple. We have been busily engaged in: (1) making complete, thorough tours of all University Hospitals facilities; (2) making an appraisal of fire and safety conditions for patients, staff, and buildings themselves; (3) making an evaluation of the physical conditions of all of the existing buildings; and (4) making an evaluation of the effective utilization of existing space and planning for future utilization of space.

With reference to the tours of the facilities and the fire and safety conditions thereof, the tours resulted in the immediate priority that resulted in our request to this Board of Trustees to use an outside consultant to review the fire and safety conditions as they currently exist in the University Hospitals buildings. This you have acted on, and we hope to have this study completed in the very near future on schedule.

With reference to an evaluation of the physical condition of existing buildings; many of the Hospitals buildings are quite old now, and we believe we are now in better shape to support Hospital administration in their needs for updating many of these existing facilities as advances are made in the field of medical science.
June 11, 1981 Joint Meeting, Board of Trustees and University Hospitals Board

FACILITIES COMMITTEE SUMMARY (contd)

Mr. Lazarus: (contd)

With reference to No. 4, an evaluation of the effective utilization of existing space and planning for future utilization; a complete survey has now been completed giving us current and up-to-date information on the utilization of all existing spaces for all three parts of the Hospitals mission--for patient care, for teaching, and for research.

We are now in the process of working with the Vice President for Medical Sciences and the medical staff to develop effective procedures for longer range plans for the University Hospitals in all three parts of its mission.

We have reviewed the Perkins and Will study which was presented to the Board of Trustees and we'll work with the Hospitals staff and the Vice President for Medical Sciences and his staff, and the medical staff of the Hospital to develop continuing, more specific long-range plans as well as coordinating short-range plans.

We must comment on the very excellent cooperation not only of Dr. Rosenblum, John Hodges, and the other member of the Facilities Committee but also from those members of the hospitals administrative staff, from the staff of the Vice President for Medical Affairs as well as the University administrative staff. Most all of the problems as well as the opportunities that we face involve all three.

Judge Duncan:

Members of the Board of Trustees, that concludes our report, only with the addendum that maybe we could be accused today of giving a report that is too enthusiastic, too much hyperbole, and too glorious. I don’t think so. I think we have enthusiasm for what we are doing, and we have enthusiasm for the people we have come to know in the Hospitals complex. I don’t mean to say for a minute that we don’t have serious problems over there; we do! There are still embers flickering of past controversies; no question about that. But I think we have some people who through reasonableness are trying to rise above all that and get on with the program, and we are pleased to be associated with all such people. Mistakes have been made--bad mistakes--and I wish we could undo them but we can’t, but I do believe that the future is good and that we can be of service to you in your duties as superintendents of this University. Thank you.

President Enarson:

Perhaps I might make one brief comment. I am totally confident that as the years and indeed the decades roll by there will never be a shadow of a doubt that it was an act of statecraft on the part of the Board of Trustees to create the Hospitals Board. I think that it is very clear that this is a necessary developing pattern in dealing with extraordinarily complex institutions such as we have here.

I guess the second point I would make is that in listening to these presentations, it is instantly apparent that a great deal of work has been invested by some very competent and very busy individuals. That comes through loud and clear.
June 11, 1981 Joint Meeting, Board of Trustees and University Hospitals Board

President Enarson: (contd)

I guess the third point I'd rather not get into. I started doing some mental arithmetic on what you would be charging us on an hourly basis, and I gave up in despair on that. But since the function of the University President is always to put a fair face on disaster, I would just remind you that the rest of the institution will not have even continuation budgeting next year, and after careful deliberation, I am going to recommend to the Board that your ration of coffee and fruit juice be continued without dilution and in times of inflation that is not bad.

Finally Judge Duncan and members of the Hospitals Board and members of our Ohio State University Board, without addressing what is felt to be a fairly complex and important matter of who does what, when, where, how, I would be--I feel rather reassured on that score, perhaps because of my experience in the University. The University, as I tried to explain to the Board of Trustees on so many occasions, operates in mysterious ways, fashioned in about eight centuries now of experience. It often defies logic but it works. It is like the bumblebee. The bumblebee is aerodynamically unsound. Any engineer will tell you that the bumblebee cannot fly. The University organizationally cannot operate but it does. There is ambiguity built into the very grain of the University. From time to time I am asked what exactly does a dean do and what exactly does a vice president do, or I am asked occasionally what exactly is the role of the Board of Trustees, and what exactly is the role of the President and the Board of Trustees, and the only answer I have is to toss back a question which is a nasty little old debating trick, and the question that I toss back is, tell me exactly how your marriage works; tell me exactly how you decide who does what. At an earlier age that stopped the conversation; lately, it brings on explanations that I don’t really care to hear, so I think, take comfort in the thought that the Hospital, I think, the modern hospital, University Hospital, possibly next to the Catholic Church and the National Council of Churches, is the most complicated, the most complex social organization of our time. So wrestle with it with good cheer, and I can assure you that if you find ultimate clarity in these matters, I will see that you are published somewhere.

Mr. Devenow:

I would like to make reference to the remuneration that you discussed, and we will pass on to you any increases that we get. Judge, we are delighted with the work that the committee has done, and these reports indicate conscientious and devoted effort to help the Board of Trustees solve very many serious problems that we have around the clock, and, hopefully, you will take some of those off our back. I agree with President Enarson, that has been a great step forward. It was something that he had in mind, and I thought that he deserves full credit for it. I think it will be a very useful tool through the years to come to the University. Again, I am sure I speak for every trustee—we are very grateful for the time, effort, and devotion that you put into this thing.

We are open to questions, if not we are open to adjournment.

The meeting adjourned.
Pursuant to paragraph (B) of bylaw 3335-1-01 of the Administrative Code, The Ohio State University Board of Trustees met upon the call of the Chairman, Chester Devenow, in a special meeting on Thursday, June 18, 1981, at 5:30 p.m., at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

June 18, 1981 meeting, Board of Trustees

The Chairman of the Board, Mr. Devenow, called the meeting of the Board of Trustees to order at 5:30 p.m.

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INTRODUCTION OF MR. BERRY

Mr. Devenow:

I am delighted to introduce Mr. John W. Berry of Dayton, Ohio, whose appointment was announced by Governor James A. Rhodes for the term beginning May 14, 1981 and ending May 13, 1990, to succeed Mrs. Patricia D. James, whose term expired.

Mr. Berry is Chairman of the Board and Chief Executive Officer of L. M. Berry and Company of Dayton and has been associated with the firm since 1940. In addition to his service now as an Ohio State trustee, he is a trustee of the University of Dayton and the Air Force Museum Foundation in Dayton. He is a member of the Board of Visitors to the University of Dayton Law School, the President’s Club of Wright State University, the Advisory Council of Notre Dame University’s College of Business Administration, and the Resources Committee and Alumni Council of Dartmouth College. He is a 1944 graduate of Dartmouth College. We are delighted to have you, Mr. Berry, and we need all the help we can get so we are glad you are aboard.

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Mr. Devenow:

We have a statement or resolution to be presented by Dr. Protheroe, would you bring that up now, please.

PRESENTATION OF LETTER BY FACULTY MEMBERS OF THE PRESIDENTIAL SEARCH COMMITTEE

Dr. Protheroe:

The faculty members of the Search Committee, Mr. Devenow, have something of what we think is of considerable importance to bring before the Board. It is important enough that we did not want to trust it to the mail. If I may, I would like to read the letter to you.

Mr. Devenow: Please do.
June 17, 1981

Mr. Chester Devenow, Chairman
Board of Trustees
The Ohio State University

Dear Mr. Devenow:

We, the undersigned faculty members of the Presidential Search Committee, are moved to bring to the attention of the Board of Trustees the following information and, if not out of order, to suggest to you a resolution for your consideration.

Whereas, Dr. John D. Jacob, Mr. Leonard J. Immke, Mr. D. James Hilliker and Mr. John F. Havens, serving as Trustee members of the Presidential Search Committee, and Mr. D. Wayne Ashby, Jr., serving as Alumni representative, did devote inordinate time and effort to the presidential search process, greatly in excess of anything which could normally be expected of busy men; and

Whereas, these gentlemen, by their activities and participation, did display a degree of care for and understanding of the University rarely encountered; and

Whereas, Mr. John F. Havens, as chairman of the Committee, was selfless in his devotion to the activity of the committee and did provide the guidance, wisdom and motivation that helped carry the committee forward in discharging its duty:

Be it resolved that these gentlemen each be recognized for exceptional service to the University community and that John F. Havens be singled out for particular note by virtue of the exemplary manner in which he chaired the Search Committee.

Respectfully submitted,

Diether H. Heinicke
John B. Gabel
Joan R. Leitzel

William H. Protheroe
William B. Shock
Thomas G. Stillman

P/a
June 18, 1981 meeting, Board of Trustees

PRESENTATION OF LETTER BY FACULTY MEMBERS OF THE PRESIDENTIAL SEARCH COMMITTEE (contd)

Mr. Devenow: Thank you very much.

Mr. Smith: Mr. Chairman, I move that we accept the resolution.

Mr. Devenow: Is there a second?

Mr. Galbreath seconded the motion to accept the letter which was approved by unanimous voice vote.

Mr. Devenow:

I would like to respond to that, Dr. Protheroe. As Chairman of the Board, I know that I speak not only for the four Trustees--Jack Havens, John Jacob, Jim Hilliker and Len Immke--and for Wayne Ashby, the Alumni representative, who served on the Presidential Search Committee, but for all members of the Board in expressing our deep appreciation for the efforts and contributions of the University's faculty. As a matter of fact, the Board of Trustees is indeed proud of the effort put forth by all members of the Search Committee. The selfless dedication and desire to carry out this most important assignment for the University, despite the heavy work load imposed, reflect great credit on the members of the Search Committee and their commitment to the best values and traditions of The Ohio State University. The Trustees salute the faculty, students and staff of this great University for a job well done.

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The Board recessed into Executive Session for the purpose of considering personnel-related matters.

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Mr. Devenow reconvened the meeting and called on Mr. Havens to introduce a resolution.

Mr. Havens: Yes sir, I would like to introduce a resolution.

APPOINTMENT OF DR. EDWARD H. JENNINGS AS PRESIDENT OF THE OHIO STATE UNIVERSITY

In accordance with Section 3335.09 of the Ohio Revised Code, I move the appointment and election of Dr. Edward H. Jennings to the Presidency of The Ohio State University effective September 1, 1981, at the maximum salary as permitted by law as of June 18, 1981 and with all allowances, rights, privileges, perquisites, duties and responsibilities of the office and subject to such other arrangements and adjustments which may be mutually agreed upon.
APPOINTMENT OF DR. EDWARD H. JENNINGS AS PRESIDENT OF THE OHIO STATE UNIVERSITY (contd)

I further move that the Chairman of the Board of Trustees be authorized to negotiate with Dr. Jennings to formulize Dr. Jennings' relationship with The Ohio State University and to enter into any contractual relationship which he may deem necessary and appropriate consistent with this motion.

Mr. Immke seconded the motion which was followed by a roll call vote (Mr. Berry, yes; Mr. Immke, yes; Mr. Galbreath, yes; Mr. Havens, yes; Mr. Hilliker, yes; Dr. Jacob, yes; Mr. Smith, yes; Mr. Devenow, yes).

Mr. Devenow:

I would like to read a statement here before you adjourn.

Although Mr. Redman, because of prior commitments outside the city, was unable to be present for this meeting today, he has asked that he be recorded as supporting the motion presented. On the basis of this, I would like the records to reflect that Dr. Edward H. Jennings was elected unanimously by the Board to be the tenth President of The Ohio State University. I ask the Secretary of the Board of Trustees to duly note this action in the minutes.

The meeting was adjourned.

Attest:

Madison H. Scott Chester Devenow
Secretary Chairman
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RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS
July 1, 1981 to June 30, 1982
LD4201
A1
1981/82.
1981-1982
THE OHIO STATE UNIVERSITY

Harold L. Enarson, President
(July 1, 1981 - August 31, 1981)

Edward H. Jennings, President
(September 1, 1981 - June 30, 1982)

BOARD OF TRUSTEES

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OFFICERS

Chester Devenow, Chairman
Warren J Smith, Vice Chairman
Madison H. Scott, Secretary
Richard D. Jackson, Acting Treasurer
James Lee Nichols, Treasurer*

*November 9, 1981
The Board of Trustees met at its regular monthly meeting on Friday, July 10, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
July 10, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 12:15 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related matters.


The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTION IN MEMORIAM

Resolution No. 82-1

Synopsis: A resolution honoring the service of one of this 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.

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

J. Norman Staiger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 21, 1981, of J. Norman Staiger, Professor Emeritus, School of Music (College of the Arts).

Professor Staiger joined the faculty of The Ohio State University in 1946, and served in the area of choral conducting and teacher of voice, as well as being the head of the voice section for many years. He was Director of the Men's Glee Club for over thirty years, during which time the Club became known throughout the United States as a most progressive organization. The Club toured extensively and under Professor Staiger's direction appeared on the Ed Sullivan Show as well as The Voice of Firestone-TV. For many years the Club enjoyed a friendly rivalry with the University of Michigan Men's Glee Club in their annual exchange concerts.

In addition to his University activities, Professor Staiger for many years was tenor soloist at the First Community Church as well as Director and Cantorial Soloist of Temple Israel in Columbus. He had sung on several nationally famous radio programs and had appeared as a soloist in Carnegie Hall in New York City. He gained prominence in the midwest as a soloist in oratorio and church work. At the time of death, he was the choir director of Epworth Methodist Church.

Professor Staiger was born in Toledo, Ohio, in 1911, and educated in the Toledo public schools. He received his formal education at the University of Toledo where he was awarded the Bachelor of Science in Education degree in 1934, and the Master of Science degree from
RESOLUTION IN MEMORIAM (contd)

J. Norman Staiger (contd)

the same institution in 1937. Both of these degrees were in the field of chemistry. In 1958 he was awarded the degree Master of Arts in music from The Ohio State University. He also engaged in advanced study at the Juilliard School of Music and the Cleveland Institute of Music. Prior to his career as a member of the faculty of the School of Music, he taught English, dramatics, speech-radio, and chemistry at Maumee High School and Shaker Heights High School in Ohio.

Over the years, Professor Staiger held membership in the Music Educators National Conference, the Ohio Music Education Association, Music Teachers National Association, and National Association of Teachers of Singing.

On behalf of the University, the Board of Trustees wishes to express to his 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 a humble expression of the Board’s heartfelt sympathy in its bereavement.

--o--

CHANGE NAME OF DEPARTMENT OF GEODETIC SCIENCE TO DEPARTMENT OF GEODETIC SCIENCE AND SURVEYING

Resolution No. 82-2

Synopsis: Name change of Department of Geodetic Science is proposed.

WHEREAS the College of Mathematical and Physical Sciences, and the Department of Geodetic Science have requested the Department’s name be changed to Geodetic Science and Surveying; and

WHEREAS the addition of the word Surveying will acknowledge a major teaching and research activity currently being provided by the Department faculty; and

WHEREAS the College of Engineering has given its support to the request:

NOW THEREFORE

BE IT RESOLVED, That the proposal as approved by the University Senate June 6, 1981, to change the name of the Department of Geodetic Science to the Department of Geodetic Science and Surveying, be adopted.

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

--o--
ESTABLISHMENT OF PROGRAM LEADING TO BACHELOR OF SCIENCE IN DENTAL HYGIENE DEGREE

Resolution No. 82-3

Synopsis: It is proposed that a Bachelor of Science in Dental Hygiene Program be established.

WHEREAS the College of Dentistry and the Division of Dental Hygiene have requested approval to offer a new baccalaureate degree, Bachelor of Science in Dental Hygiene; and

WHEREAS the Bachelor of Science in Dental Hygiene will provide an undergraduate curriculum not duplicative of either of the dual-degree programs—Bachelor of Arts/Bachelor of Science (Colleges of the Arts and Sciences) or Bachelor of Science in Education; and

WHEREAS a qualified faculty, specialized equipment, and adequate clinical opportunities for graduates of the proposed program appear generally excellent; and

WHEREAS the Council on Academic Affairs has examined the proposed program carefully and has given its unanimous endorsement:

NOW THEREFORE

BE IT RESOLVED, That the foregoing proposal from the University Senate, which was adopted June 6, 1981, be adopted; and

BE IT FURTHER RESOLVED, That this proposal be forwarded to the Board of Regents pursuant to section 3333.04(N) of the Revised Code at the direction of the President when it is determined that adequate funds are available to inaugurate the program.

Upon motion of Dr. Jacob, seconded by Mr. Immke, 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. 82-4

Synopsis: Amendments to Rules of the University Faculty 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 Rules of the University Faculty as approved by the University Senate:

3335-3-18 Director of libraries.

Paragraphs (B) and (C) are broadened to include the University archives within the jurisdiction of the Director of Libraries.
July 10, 1981 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-3-19 Director of registration, records and scheduling.

The title for the duties of the director enumerated in this rule is expanded to include scheduling.

3335-5-57 Committee on honorary degrees.

Paragraph (C) specifies that a full dossier on each candidate proposed must be supplied to the Secretary of the University faculty who shall distribute the nomination report to all members of the University Senate.

3335-7-19 Course examinations.

A sentence has been added which specifies that final examinations for graduating students shall be given at a time near the end of the course.

3335-7-20 Schedules for final examination.

Examinations for graduating students shall be arranged by individual instructors so that grades may be submitted in accordance with the deadlines established by the Office of Registration, Records and Scheduling.

3335-7-261 Recalculation of cumulative point-hour ratio.

Additional paragraph added to provide for the graduate school and professional colleges to formulate appropriate modifications of this rule and to publish the rule in their bulletins.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to Rules of the University Faculty, as approved by the University Senate on June 6, 1981, be adopted by the Board of Trustees for inclusion in the next publication of this document.

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

RULES

3335-3-18 Director of libraries.

(A) The director of libraries shall be appointed by the board of trustees upon nomination of the president. Before making his nomination the president shall confer with the vice president for educational services who, in turn, shall confer with representatives of the faculty of the university libraries and with the library council.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

RULES (contd)

(B) The director of libraries shall have the responsibility and authority for administering the university libraries under the jurisdiction of that office and the university archives. In the discharge of library duties the director shall be guided by the policies established by the library council (see rule 3335-5-49 of the Administrative Code). The director shall report to the president through the vice president for educational services.

(C) Without limiting the generality of the foregoing, the director shall evaluate continuously the administrative and operating practices of the university libraries under the jurisdiction of that office and the university archives, and lead in the study of methods in improving them; recommend appointments, promotions, and dismissals under the rules of the university; and prepare for the approval of the vice president for educational services annual recommendations for the budgets for personnel and for archives and library materials.

3335-3-19 Director of registration, records and scheduling. Subject to the direction of the assistant vice president for registration services, the principal duties of the director of registration, records and scheduling shall be the supervision of the details of registration and records 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; other routine duties associated with the registration, records and scheduling of students; special projects and duties that may be assigned from time to time by the assistant vice president for registration services.

3335-5-57 Committee on honorary degrees.

(C) The full dossier of each candidate and the nomination report of the committee on honorary degrees shall be delivered to the secretary of the university faculty who shall distribute the nomination report to all members of the university senate. This report shall include a statement that conveys the committee's rationale for the nomination, pertinent details concerning the qualifications of the candidate, and the name of the sponsoring department or academic unit. A ballot shall be attached to the nomination report and shall be returned to the secretary of the university faculty within a time prescribed on the ballot, but in no case less than two weeks from the date that the committee report is distributed. The secretary shall transmit to the president the nominations, together with the appropriate sections of the reports from the committee on honorary degrees, for those candidates who are endorsed by a majority of the ballots cast by the members of the university senate.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

RULES (contd)

3335-7-19 Course examinations.

At the close of each course as defined in rule 3335-7-01 of the Administrative Code, an examination will be given on the student's capabilities relative to the stated course objectives, the method of examining to be determined by the instructor or supervisor of the course. Examinations in laboratory and seminar courses shall be optional with the instructor concerned. Examinations for graduating students shall be given at a time near the end of each course, preferably during the last week of classes.

3335-7-20 Schedules for final examination.

(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 registration, records and scheduling shall, before publication, be cleared with the office of registration, records and scheduling which shall have the power to resolve all conflicts.

(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 registration, records and scheduling by the deadlines established by that office.

(C) All other final examinations shall be centrally scheduled by the office of registration, records and scheduling. The official examination schedules shall be strictly adhered to by all instructors. Any deviation must first be approved by the appropriate university official (department chairman, regional campus dean and director, or college dean) in consultation with the office of registration, records and scheduling, which shall have the power to resolve all conflicts.

(D) In performing its scheduling function the office of registration, records and scheduling shall limit individual examinations to two-hour duration and the total examination period to no more than five days.

3335-7-261 Recalculation of cumulative point-hour ratio.

(A) An undergraduate student who re-enrolls in the university after an absence of five or more years may petition the dean or director of his enrollment unit to recalculate the cumulative point-hour ratio of his previous residency. If the petition is approved, all courses taken will remain on the permanent record. Those with marks of "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "EM," "K," "PA," or "S" will be counted for credit only. No other marks will be counted for credit.
July 10, 1981 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

RULES (contd)

(B) If the petition is approved, the student resumes his academic program with no cumulative point-hour ratio, and thereafter is subject to the conditions of warning, probation, and dismissal that govern all students (see rules 3335-9-24 to 3335-9-28 of the Administrative Code).

(C) Under the provisions of this rule a student, before graduation, must be re-enrolled for a minimum of

1. Forty-five quarter credit hours and
2. Three academic quarters.

(D) All courses ever taken at the university will be used in the calculation of the cumulative point-hour ratio required for the purposes of graduation with honors.

(E) The graduate school and graduate professional colleges may formulate appropriate modifications of this rule, subject to approval by the council on academic affairs, and shall publish the rule in their bulletins. (B/T 6/7/79, B/T 7/10/81)

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DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 82-5

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 3, 1981, 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. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 10, 1981 meeting, Board of Trustees

HONORARY DEGREE

Resolution No. 82-6

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, recommends to the Board of Trustees awarding of an honorary degree as listed below:

Vernal G. Riffe, Jr. 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 Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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President Enarson:

Next, of course, is the major item of the Board meeting and perhaps of the year. I am a little at a loss to know how to proceed on this. This was presented--I am tempted to say in painful detail--this morning by Dr. Vandament to the Fiscal Affairs Committee and to other members of the Board; I think that all but two members of the Board were with us at that time. The heart of the matter is stated, I think, very clearly in the formal budget resolution. Very, very briefly we simply presented our best judgment to the Fiscal Affairs Committee this morning in saying that the same uncertainties that provide a four-month budget dictate, we think, a four-month budget here. The time frame is such that action must be taken on any tuition increases--any increases in instructional charges--because we are only a short time period away from the Fall Quarter; so you will see a very substantial boost in tuition charges along with a change in the mix of charges. As I reported this morning, we are not making any recommendation with respect to faculty and staff salaries since we believe that issue, which is of transcendent importance, can only be resolved once the General Assembly has given this University, along with other elements of state government, a bundle of cash to use for the remainder of the year. We stressed in our presentation this morning that the action of the Ohio General Assembly is all important in terms of the quality of the enterprise in this coming year. I would underline that the instructional charges being recommended to you are for Autumn Quarter. Our hope is that some of those charges need not be levied for the remaining two quarters of the year. This was presented in detail to the Fiscal Affairs Committee to be moved by the chairman of that committee and, if acceptable, then we might be ready to answer questions if there are such.
Synopsis: Continuation of expenditure authorization and fee level authorization for 1981-82 are requested.

WHEREAS the State has adopted an interim budget for the first four months of Fiscal Year 1981-82 rather than an appropriations bill for the complete fiscal year; and

WHEREAS that interim budget bill provides funding to the University at a prorated level that is 3 percent lower than the reduced appropriation level of Fiscal Year 1980-81 and 9.8 percent lower than the original 1980-81 funding levels; and

WHEREAS final levels of State financial support for 1981-82 have not yet been established; and

WHEREAS it is prudent to defer decisions concerning salary levels and other expenditures until the General Assembly has adopted an appropriations bill determining State support; and

WHEREAS it is necessary to raise student fees to meet increasing fixed costs faced by the University during this period of fiscal uncertainty:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures within those income levels contained in the Third Quarter Report of Fiscal Year 1980-81, adjusted for reductions in State support and changes in income from fees and charges, until the Current Funds Budget for 1981-82 is adopted; and

BE IT FURTHER RESOLVED, That the schedule of fees for the Autumn Quarter, 1981 including fee surcharges be hereby approved, and that the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including salary rolls with fees and charges for the 1981-82 fiscal year, and to file these materials with the official records of the University; and

BE IT FURTHER RESOLVED, That the University administration work to ensure that faculty and staff compensation levels finally adopted for 1981-82 be adequate to maintain the University's competitive position among major universities and make recommendations to the Board concerning the continuation or elimination of fee surcharges beyond the Autumn, 1981 Quarter.

Background

On July 1, the General Assembly enacted and the Governor later signed, an interim budget for the State of Ohio (Am. H.B. 638) authorizing expenditures for the period of July 1 through October 31, 1981.
This interim budget provides subsidy and other funding for higher education at 97 percent of the reduced 1980-81 appropriation level, prorated to cover the four-month period from July through October.

Because the reduced 1980-81 support level was 7 percent lower than originally appropriated, this interim budget funds higher education at 90.2 percent of the original 1980-81 level (.93 x .97 = .902) for these first four months of 1981-82.

In short, the University must get by with less State support during July-October than it received during 1980-81 when it became necessary to curtail the replacement of personnel, retrench College and Office budgets, increase student fees, cancel a mid-year salary increase, and cut sharply the University's central equipment budget.

For this four-month period, therefore, the following cuts in State support from original 1980-81 levels will be made:

- Columbus Campus Subsidy $-4.77M
- Regional Campus Subsidy -0.20M
- Other Line-Item Funds -0.68M

**TOTAL** $-5.65M

Because the interim budget does not contain an annual appropriation, it is impossible to predict the total impact of future State support on the University's budget. If the reduced four-month subsidy rate of that budget were continued throughout 1981-82, the following annual cuts in State support from original 1980-81 levels would result:

- Columbus Campus Subsidy $-14.2M
- Regional Campus Subsidy -0.6M
- Other Line-Item Funds -2.1M

**TOTAL** $-16.9M

In the meantime, the University faces inflationary increases in the cost of goods and services necessary to maintain its programs. To illustrate this point, the Ohio Board of Regents recommended that the Columbus Campus receive instructional subsidies of $165.2 million for 1981-82, accompanied by inflationary adjustments to student fees, to meet projected inflationary cost increases of 10 per cent. If annualized, the interim State budget would result in the following funding gap in State subsidy from the Regents' recommendations:

<table>
<thead>
<tr>
<th>Columbus Campus Subsidy</th>
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<tr>
<td>Regents' Request 1981-1982</td>
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<tr>
<td>Interim Budget (if Annualized)</td>
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<tr>
<td><strong>Shortfall</strong></td>
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</table>
Recent statements by the Governor and the leadership of the General Assembly indicate that they are aware of the severe fiscal problems confronting higher education and other agencies dependent on State funding. It has been widely reported that the first agenda item to be addressed when the General Assembly reconvenes in September will be methods to secure additional revenues to rescue vital State programs, including higher education, from financial crisis.

The estimation of projected 1981-82 revenues—within a reasonable margin of error—becomes nearly impossible at this time. And the actions which would follow pessimistic budget projections could have great, long-range effects on the University. For example, if the four-month subsidy levels contained in the Interim Budget (Am. H.B. 638) were continued throughout the 1981-82 year, the University's budget would necessarily call for actions to severely curtail or eliminate several programs and services, and dismiss staff working in those areas. The University by this time has absorbed as much generalized retrenchment across its Colleges and Offices as is feasible. Even if such drastic actions later proved to be unnecessary because of funding relief, the damage to programs that had been targeted for curtailment—in the form of personnel and/or enrollment losses, low morale, sponsored funding losses, etc.—could require years to remedy if premature actions were taken.

Conclusions

Given the preceding conditions, the most prudent course of action would appear to be the development of a four-month interim budget, deferring adoption of the final 1981-82 Budget until an appropriations bill is enacted for the State of Ohio. This four-month University budget must contain student fee increases sufficient to offset losses in State revenue and meet the University's fixed costs for utilities, etc. Fee increases, however, cannot be raised to a level that would offset inflationary costs as well. Thus, this four-month budget would defer salary and other budget increases until a final 1981-82 budget is enacted.

Parallel to the adoption of a four-month University budget, procedures should be established to effect major curtailment of programs and services should such become necessary.

The University administration has been at work for some time identifying services and academic programs that must be severely curtailed or eliminated in the event that cuts of the magnitude contained in Am. H.B. 638 must be sustained on a permanent basis. During the summer months, therefore, consultation with the Vice Presidents and Deans, along with administrators of potentially affected units, will be undertaken to assess impact and to develop curtailment plans and schedules. The recommendations of the ad hoc Budget Advisory Council on criteria and principles for curtailment will be of particular value in this process.

If it becomes clear later that continuing cuts in State support require activation of curtailment plans, formal consultation processes involving affected faculty, staff, and students will be undertaken. The constituent groups to be consulted will vary with the degree to which curtailment of an activity will be felt across the University.
Recommendations

- It is recommended that the Board of Trustees adopt a four-month interim budget for 1981-82, adjusted from 1980-81 levels to reflect reductions in State support, increased fixed costs which cannot be avoided, and increases in student fees.

- It is further recommended that the Instructional and General Fees be increased, effective Autumn Quarter, 1981, to produce an increase in fee income of 24 percent over 1980-81 levels. To protect access for resident undergraduate students, the proposed fee schedule contains a realignment of the fee schedule with proportionately greater increases for graduate/professional programs and non-resident student enrollment.

- It is also recommended that a portion of these fee increases be effective only for the Autumn, 1981 Quarter and that fee levels for the remainder of the academic year be re-evaluated following adoption of the State appropriations bill for 1981-82. It is also understood that financial aid programs for professional programs must be strengthened if students having financial need are not to be denied access to those programs.

- During the four-month interim period, the University will continue to restrict and defer expenditures, seek additional general funds revenues, and prepare for the potential curtailment of programs and services. The following actions are included.
  - Indefinite continuation of hiring freeze--i.e., replacement of personnel by exception only.
  - Continuation of freeze on central equipment replacement program.
  - Continuation of $3.0 million College and Office retrenchment established in June, 1981.
  - Implementation of overhead cost recovery from income-producing operations.
  - Limitations on the number of course offerings and corresponding reductions in short-term instructional staff.
  - Preparations for potential curtailment and elimination of programs and services.

These recommendations are submitted to the Board with the greatest reluctance. It is extremely distasteful to recommend fee increases of this magnitude. It is also distasteful to have our faculty and staff enter the new fiscal year uncertain of their compensation levels. But the normal processes of budgeting cannot be applied in 1981-82. In the face of continuing uncertainty about State funding for the University, it is difficult to see how the Board of Trustees can solve two key issues--charges to students and compensation for staff.

Hopefully, the State will be able to resolve this uncertainty in the near future.
PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1981
(Includes Proposed Surcharges)

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<tr>
<th>College or School</th>
<th>Credit Hours Enrolled</th>
<th>Instructional</th>
<th>General</th>
<th>Resident Total</th>
<th>Out-of-State Tuition</th>
<th>Non-Resident Total</th>
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PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1981 (contd)
(Include Proposed Surcharges)

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PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1981 (contd)
(Includes Proposed Surcharges)

<table>
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<tr>
<th>College or School</th>
<th>Credit Hours Enrolled</th>
<th>Instructional</th>
<th>General</th>
<th>Resident Total</th>
<th>Out-of-State Tuition</th>
<th>Non-Resident Total</th>
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<td>University Regional Campuses</td>
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<td>79</td>
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<td>6</td>
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<td>355</td>
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<td>354</td>
<td>48</td>
<td>402</td>
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<td>980</td>
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<td>62</td>
<td>517</td>
<td>743</td>
<td>1,260</td>
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<td>505</td>
<td>70</td>
<td>575</td>
<td>825</td>
<td>1,400</td>
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</table>
PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1981 (contd)
(Includes Proposed Surcharges)

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being $74 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being $74 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.
July 10, 1981 meeting, Board of Trustees

BUDGET - 1981-1982 (contd)

Mr. Hilliker:

I'll so move that this expenditure authorization and fee level authorization be approved.

Mr. Devenow: Is there a second?

Mr. Immke: I'll second it.

Mr. Devenow: Any discussion?

Mr. Smith:

I'll just make one comment to emphasize what Mr. Pritchard said. I think with fee increases of the size we are contemplating, we really do get to the question of accessibility to this University, and it is something that has been held out to the people in the State. I think, you know, that the Board has reviewed this and we don't have alternatives; we absolutely don't. But that is now, I think, a critical matter when we increase fees by 24 or 25 percent.

President Enarson:

Let me just react very quickly. I share your concern. I don't think anybody knows exactly the extent to which price dictates the use of this precious quality-commodity we call education. Furthermore, the matter of access, as I am sure we all know, is compounded very substantially by the diminution in support-financial aid for students-those programs are jeopardized as they have not been in memory. I think the cumulative effect of this will begin to be felt. Incidentally, whether that will be felt immediately or not I confess I don't know. One line of speculation is that as students encounter increasingly difficult financing problems, as they run out of money, we may see a sag in enrollment in the two quarters; in which case you have that worst of all trends--you have a circular process in which income goes down at a time when costs have been fixed for the year. Now, we have taken one small step to try to help with respect to the increases in fees in professional schools. Some of the increased dollars collected will be held back or rather appropriated to increase financial aid, but I hasten to add that we don't have the resources to provide financial aid to the needy here.

The foregoing resolution was adopted by unanimous roll call vote.
July 10, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 82-8

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, 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 11, 1981 meeting of the Board, including the following Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget, be approved.

Medical Staff Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Coe Bump, M.D.</td>
<td>Attending Staff</td>
<td>Obstetrics and Gynecology</td>
</tr>
</tbody>
</table>

Effective May 13, 1981

Effective June 1, 1981

Jose C. Munoz, M.D.

Limited Staff

Anesthesiology

Leaves of Absence Without Salary

POUL M. HANSEN, Professor, Department of Food Science and Nutrition, effective October 1, 1981 through November 30, 1981, to work with the National Dairy Research Institute in India.

KENNETH NAYLOR, Professor, Department of Slavic and East European Languages and Literatures, effective April 1, 1982 through June 30, 1982, to accept a Fulbright lectureship in Yugoslavia.

ROY BEN BUCKNER, Associate Professor, Department of Geodetic Science, effective October 1, 1981 through December 31, 1981, to accept a teaching position at California State University at Fresno.

FRANK KIDDER UPHAM, Associate Professor, College of Law, effective October 1, 1981 through September 30, 1982, to accept a Visiting Professorship of Law at Harvard University.

RICHARD MORGAN BROWN, Assistant Professor, Department of Art, effective October 1, 1981 through September 30, 1982, to do graduate research in architecture at Harvard University.
PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

ALBERT KEIDEL, III, Assistant Professor, Department of Economics, effective October 1, 1981 through September 30, 1982, to pursue and publish scholarly research on China.

MARY MCGANN, Assistant Professor, Department of English, effective October 1, 1981 through September 30, 1982, to accept an appointment at the University of Warsaw.

GENE E. MUMY, Assistant Professor, Department of Economics, effective October 1, 1981 through September 30, 1982, to accept a visiting appointment at Johns Hopkins University.

JANET ELLEN THOMASON, Assistant Professor, Department of Political Science, effective October 1, 1981 through September 30, 1982, to engage in research at the Public Research Institute of the University of Rochester in Washington, D.C.

Professional Improvement Leaves

LEO E. LIPETZ, Professor, Division of Sensory Biophysics, effective Autumn Quarter 1981.


Emeritus Titles

HENRY R. ANGELINO, Department of Psychology, with the title Professor Emeritus, effective July 1, 1981.

VERL L. HOUSE, Department of Genetics, with the title Professor Emeritus, effective July 1, 1981.

CHARLES B. SMITH, Department of Civil Engineering, with the title Professor Emeritus, effective July 1, 1981.

HAROLD C. TRIMBLE, Academic Faculty of Science and Mathematics Education, with the title Professor Emeritus, effective July 1, 1981.

FLOREN V. JAMES, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1981.

SUZANNE E. SCHROEDER, School of Health, Physical Education and Recreation, with the title Associate Professor Emeritus, effective July 1, 1981.
PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

LOWELL WILSON, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1981.

GILMAN D. KIRK, Department of Surgery, with the title Assistant Professor Emeritus, effective July 1, 1981.

ERYK TALATKIELPSZ, University Libraries, with the title Assistant Professor Emeritus, effective July 1, 1981.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 82-9

Synopsis: The reports on contracts, grants, and gifts and the summary for May 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 agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported here-in, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of May 1981, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
SUMMARY FOR MAY 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
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<td>Engineering Experiment Station</td>
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<td>$2,742,150.00</td>
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<tr>
<td>The Ohio State University Development Fund</td>
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<td>May</td>
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Change in Description of Named Fund

Albert A. Levin Memorial Award Fund
(Purpose changed from senior writing the best essay on the lawyer's responsibility to the community to student earning highest grade in required courses in professional responsibility)

Report from Presidents Club

Members to date 4,467
1981 members: year to date 61
New members - May 1981 14

New Presidents Club Members - May 1981

Ann N. Blackwell (Mrs. Roger D.) Ira Nutis
Thomas H. Brinker Thomas S. Paulucci
Kenneth C. Farrell Ronald D. Rivers
Walter W. Gast Howard C. Runyeon
Elizabeth W. Koeberer Margaret E. Soteriades (Mrs. Chris)
Anthony N. Latona John N. Teteris
Gene A. Newsom Richard A. Zager
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$126,247.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pharmacology of ICRF-159 Related Analogues, College of Pharmacy (D. T. Witiak), Department of Microbiology and Cancer Research Center (B. S. Zwilling), and Department of Veterinary Pathobiology (A. Koestner), 1 May 1981 through 30 April 1982. (Project 761586 - Continuation)

$107,679.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The in Vivo Growth of Staphylococci, Department of Medical Microbiology and Immunology (F. A. Kapral), 1 June 1981 through 31 May 1982. (Project 762330 - Continuation)

$106,892.00 - Environmental Protection Agency, Washington, D. C., DNA Damage in Human Lymphocytes as Indicators of Carcinogen Exposure, Departments of Radiology and Pharmacology (S. M. D'Ambrosio) and Department of Medicine (R. L. Whisler), 1 May 1981 through 30 April 1982. (Project 762158 - Continuation)

$105,443.00 - Department of Energy, Morgantown Energy Technology Center, Morgantown, West Virginia, Stress Trajectory and Advanced Hydraulic Fracture Simulations for the EGSP, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 30 April 1981 through 29 January 1983. (Project 762666 - New)

$99,947.00 - 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 K. D. Korkan) and Department of Aviation (G. S. Weislogel), 1 June 1981 through 15 May 1982. (Project 761471 - Continuation)

$90,517.00 - 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 1981 through 30 April 1982. (Project 763920 - Continuation)

$90,000.00 - Department of Education, Office of Special Education and Rehabilitative Services, Office of Special Education, Washington, D. C., Regular Education Inservice (Comprehensive Vocational Education for All Handicapped Persons: Inservice Support for Transition from Education to Work), National Center for Research in Vocational Education (R. E. Taylor), 1 June 1981 through 31 May 1982. (Project 762183 - Continuation)
July 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$85,370.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1981 through 31 August 1982. (Project 761850 - Continuation)

$79,849.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biotransformation of M-Amsa and Related Analogues, College of Pharmacy (L. Malspeis), 1 April 1981 through 31 March 1982. (Project 762091 - Continuation)


$75,754.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Diazo, Diazirino, Azoxy and Novel Heterocyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1981 through 31 March 1982. (Project 762793 - Continuation)

$72,959.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO₂ Concentration, Department of Physiology (A. L. Kunz), 1 April 1981 through 31 March 1982. (Project 761572 - Continuation)

$61,243.00 - Department of Labor, Washington, D. C., The Industrial Demand for Retirement Aged Labor, Department of Economics (D. O. Parsons), 20 April 1981 through 19 July 1982. (Project 762668 - New)

$59,999.00 - National Science Foundation, Washington, D. C., A Theoretical and Experimental Study of a Potential Mobile System for Evaluating Electrical Parameters of the Earth, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 1 May 1981 through 30 April 1983. (Project 762670 - New)

$53,155.00 - Environmental Protection Agency, Washington, D. C., The Role of Environmental Temperature in Carcinogenesis, Department of Physiology (H. Weiss), 14 April 1981 through 13 April 1982. (Project 762133 - Continuation)
July 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$53,000.00 - National Science Foundation, Washington, D. C., Magnetic Resonance in Ferromagnetic Domain Walls, Department of Physics (P. E. Wigen), 1 July 1981 through 30 June 1982. (Project 762292 - Continuation)

$50,000.00 - National Science Foundation, Washington, D. C., Modelling, Control, and Simulation of Human Locomotion, Department of Electrical Engineering (H. Hemami), 1 July 1981 through 30 June 1982. (Project 761570 - Continuation)

$49,986.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Measurement of Surface Ship Radar Backscatter at HF for Target Identification Studies, Department of Electrical Engineering, ElectroScience Laboratory (A. Ksieniski, E. Walton, and J. Young), 1 April 1981 through 31 March 1982. (Project 762636 - New)


$48,495.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Effects of Dietary Change on Lipid Biosynthesis, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1981 through 30 April 1982. (Project 764415 - Continuation)

$47,375.00 - National Science Foundation, Washington, D. C., Maintenance of the Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 August 1981 through 31 July 1982. (Project 762225 - Continuation)

$46,803.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Substituted Polycyclic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 June 1981 through 31 May 1982. (Project 761809 - Continuation)

$44,260.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Strategies to Disrupt Pregnancy in the Tsetse Fly, Department of Entomology (D. L. Denlinger), 1 May 1981 through 30 April 1982. (Project 762136 - Continuation)
July 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$42,992.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 May 1981 through 30 April 1982. (Project 761628 - Continuation)

$42,000.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. Walter, R. Marhefka, and R. Rudduck), 9 March 1981 through 31 July 1982. (Project 761784 - Continuation)


$34,988.00 - Department of the Army, Waterways Experiment Station-Corps of Engineers, Vicksburg, Mississippi, Development of a Theoretical Model for “Leaky” Ported Coaxial Cable Embedded at a Uniform Depth in a Lossy Half Space, Department of Electrical Engineering, ElectroScience Laboratory (J. Richmond and R. Garbacz), 1 May 1981 through 30 November 1981. (Project 762219 - Continuation)

$34,864.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Spectral Sensitivities of Turtle Photoreceptors, Division of Sensory Biophysics (L. E. Lipetz), 1 June 1981 through 31 May 1982. (Project 762642 - New)

$34,521.00 - National Science Foundation, Washington, D. C., Structural Studies of Small Linear Cluster Models for Metal Surfaces and Catalysts, Department of Chemistry (G. G. Christoph), 1 August 1981 through 31 July 1982. (Project 761853 - Continuation)

July 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$24,000.00 - Department of the Army, Defense Supply Service - Washington, Washington, D. C., Ultrasonic Methods to Study Shadow Boundaries of Diffracting Cracks, Department of Welding Engineering (L. Adler), 1 May 1981 through 31 March 1982. (Project 762638 - New)

$23,516.00 - National Science Foundation, Washington, D. C., Structure Theorems for Graphs and Matroids and Discrete Optimization, Department of Mathematics (P. Seymour), 1 July 1981 through 30 June 1983. (Project 762660 - New)

$21,924.00 - National Science Foundation, Washington, D. C., The Banach-Mazur Distance Between Finite Dimensional Spaces and Projection Constants, Department of Mathematics (W. J. Davis and J. Lindenstrauss), 1 July 1981 through 30 June 1982. (Project 762659 - Continuation)

$18,054.00 - National Science Foundation, Washington, D. C., Inverse Spectral Theory and Concrete Aspects of Periodic Solitons, Department of Mathematics (M. G. Forest), 1 July 1981 through 30 June 1983. (Project 762293 - Continuation)

$12,000.00 - Solar Energy Research Institute, Golden, Colorado, Efficiency of Photochemical Cells, Department of Biochemistry (R. T. Ross), 1 February 1981 through 31 December 1981. (Project 762020 - Continuation)

$11,154.00 - Sandia Laboratories, Albuquerque, New Mexico, Stress and Failure Evaluations Associated with Selected Coal Mine Pillar-Panel Configurations, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 20 April 1981 through 31 December 1981. (Project 762590 - Continuation)

$6,000.00 - National Endowment for the Arts, Washington, D. C., Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1981 through 31 December 1981. (Project 762667 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $2,094,415.00

State of Ohio Research Contracts/Grants

$44,951.00 - State of Ohio, Department of Natural Resources, Office of Civilian Conservation, Columbus, Ohio, Youth Conservation Corps Resident Camp at Barnebey Center for Environmental Studies, School of Natural Resources (J. M. Dowdy and R. E. Roth), 21 April 1981 through 30 September 1981. (Project 762669 - Continuation)
July 10, 1981 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)

$19,419.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Management of Muskingum Mussel Populations Project Plan, Ohio Biological Survey (C. C. King) and Department of Zoology (D. H. Stansbery), 1 May 1981 through 30 April 1982. (Project 761946 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 64,370.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$48,531.00 - West Virginia Public Service Commission, Charleston, West Virginia, A Program to Provide Technical Assistance to the West Virginia Public Service Commission in Consideration of PURPA Section 111 Standards for the Potomac Edison and Monongahela Power Companies, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 19 March 1980 through 30 June 1981. (Project 762086 - Continuation)

$39,997.00 - Control Data Corporation, Minneapolis, Minnesota, Development of a Taxonomy of Instructional Strategies, Academic Faculty of Educational Foundations and Research (K. A. Hall), 1 January 1981 through 31 December 1982. (Project 762672 - New)

$32,625.00 - Rocky River City School District, Rocky River, Ohio, The Martin W. Essex School for the Gifted, Academic Faculty for Exceptional Children (T. M. Stephens and S. E. McCormick), 1 January 1981 through 31 December 1982. (Project 762662 - Continuation)

$30,756.00 - Merck and Company, Rahway, New Jersey, Effect of Ivermectin Against Benzimidazole-Resistant Horse Strongyles, Department of Veterinary Pathobiology (R. P. Herd) and Department of Veterinary Clinical Sciences (A. A. Gabel), 1 March 1981 through 28 February 1982. (Project 762664 - New)

$30,000.00 - 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 1981 through 30 June 1982. (Project 762671 - New)


$15,000.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, In Vitro Culture of Sporogonic States of Plasmodium falciparum, Department of Entomology (W. F. Hink), 1 June 1981 through 30 November 1981. (Project 761658 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$14,000.00 - U. S.-Spanish Joint Committee for Scientific and Technological Cooperation, Madrid, Spain, Paleomagnetic Study of Upper Carboniferous Coal-Bearing Strata in Northwest Spain, Department of Geology and Mineralogy (H. C. Noltimer), 1 April 1981 through 31 December 1981. (Project 761703 - Continuation)

$10,000.00 - Rockwell International, North American Aircraft Division, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 April 1981 through 30 April 1981. (Project 762563 - Continuation)

$10,000.00 - The Weight Watchers Foundation, Inc., Manhasset, New York, Role of Endorphins in Obesity, Department of Pharmacology (G. A. Tejwani), 1 July 1981 through 30 June 1982. (Project 762665 - New)


$2,324.00 - Koppers Company, Inc., Monroeville, Pennsylvania, Study of Modified Electrodes for Electrosynthetic Purposes, Department of Chemistry (T. Kuwana), 13 May 1981 through 31 May 1982. (Project 762217 - Continuation)

TOTAL - INDUSTRIAL PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 269,759.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$313,606.00 - various sponsors, for 50 development projects under the direction of eight departments and research areas.
July 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$153,970.00 - The Procter and Gamble Company, Cincinnati, Ohio--$111,470.00 for Clinical Pharmacology Fund and $42,500.00 for Toxic Shock Research Fund.

$150,000.00 - Battelle Memorial Institute, Columbus, Ohio--$100,000.00 for Friends of WOSU Endowment Fund; $25,000.00 for Forced Convection Techniques Applied to Corrosion Problems; and $25,000.00 for Fluidized Bed Dynamics and Reaction Kinetics Fund.

$36,100.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$33,300.00 - Estate Under the Will of Ethel Neidigh, State College, Pennsylvania, for Maurice W. Neidigh Scholarship Fund.

$30,000.00 - Amoco Foundation, Inc., Chicago, Illinois, for Advanced Design Methods Laboratory-Mechanical Engineering.

$28,750.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware--$27,750.00 for Clinical Pharmacology Fund and $1,000.00 for Agronomy Weed Research.

$22,500.00 - The Standard Oil Company, Cleveland, Ohio--$12,500.00 for Early Start Program; $7,500.00 for Mining Engineering Scholarships; and $2,500.00 for Women in Engineering Scholarship Fund.

$21,045.00 - Pfizer, Inc., Groton, Connecticut--$13,795.00 for Clinical Pharmacology Fund and $7,250.00 for Cancer Research Center Fund.

$20,000.00 - Charles W. Carroll, Burton, Ohio, for Presidents Club Special Fund.

$20,000.00 - The A. E. Converse Fund of The Cleveland Foundation, Cleveland, Ohio, for furtherance of extension work in Cuyahoga County.

$20,000.00 - The Merck Company Foundation, Rahway, New Jersey--$12,000.00 for Immune Response to Small Natural Peptides and $8,000.00 for Merck & Co. Fellowship Fund for Chemistry.

$15,000.00 - Wilson B. Baugh, D.D.S., San Bernardino, California, for Anesthesia Research and Education Enhancement Fund.

$12,800.00 - Central Ohio Technical College, Newark, Ohio, for Newark Campus Scholarship Fund.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of $5,000 or More (contd)

$12,500.00 - Huntington National Bank, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$12,500.00 - Landmark, Inc., Columbus, Ohio (given in the names of George Wollenslegel, Ralph Hughes, and Dick Weisenstein), for Landmark - OARDC.

$12,299.55 - Systems Associates, Inc., Columbus, Ohio, for Cardiology Support Fund.

$12,000.00 - Armour Pharmaceutical Company, Kankakee, Illinois, for Lipid Research.

$10,000.00 - Saalfeld & Robinson, Inc., Toledo, Ohio, for Civil Engineering Construction Operations Simulation Laboratory Fund.

$10,000.00 - Uniroyal, Inc., Naugatuck, Connecticut, for Endowed Professorship in Plant Protection.

$8,000.00 - Summer and Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$7,000.00 - Conoco, Inc., Ponca City, Oklahoma, for Conoco Fellowship in Chemistry.

$6,600.00 - Estate Under the Will of Jessie Emerson Browne, San Francisco, California, for Leland and Jessie Browne Scholarship Fund.

$6,500.00 - Occidental Research Corporation, Irvine, California, for Mechanical Engineering Coal Combustion Laboratory Fund.

$6,000.00 - Hanna Chemical Coatings Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$5,997.68 - Estate Under the Will of Ruth L. Higgins, Columbus, Ohio, for Ruth L. Higgins Scholarship Fund.

$5,739.00 - Trust Under the Will of Sara Jane Pyne, Columbus, Ohio, for Sara Jane Pyne Memorial Scholarship Fund in the Visual Arts.

$5,500.00 - Owens-Corning Fiberglas Corporation, Toledo, Ohio, for Student Athlete Grant-in-Aid Fund.

$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Alcoa Foundation Scholarship Fund.
Gifts of $5,000 or More (contd)

$5,000.00 - Anderson Concrete Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$5,000.00 - The Cincinnati Gas & Electric Company, Covington, Kentucky, for Ohio Electric Utility Institute Fellowship Fund.

$5,000.00 - Columbus Bituminous, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$5,000.00 - Ives Laboratories, Inc., New York, New York, for Clinical Pharmacology of Dobutamine-Eli Lilly and Company.

$5,000.00 - T. James Kavanagh Foundation, Newton Square, Pennsylvania, for Ohio Florists Association Special Fund.

$5,000.00 - Mobil Foundation, Inc., Paulsboro, New Jersey, for Mechanical Engineering Coal Combustion Laboratory Fund.

$5,000.00 - Ohio State University Dental Alumni Association, Worthington, Ohio, for Dental Students Emergency Fund.

$5,000.00 - Vinton County National Bank, McArthur, Ohio, for Vinton County Furtherance of Extension Work.

$5,000.00 - Wolfe Association, Inc., Columbus, Ohio, for Cancer Research Center Fund.

Gifts-in-Kind

$20,890.00 - Mrs. Harvey S. Firestone, Jr., Akron, Ohio, designer clothes.

$8,000.00 - Dr. T. F. Classen, Chagrin Falls, Ohio--$6,000.00, 13-year-old Irish Hunter gelding, Avacado and $2,000.00, 12-year-old mare, Charity.

Change in Description of Named Fund

Albert A. Levin Memorial Award Fund

The Albert A. Levin Memorial Award Fund was established October 8, 1969, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University through The Ohio State University Development Fund from Albert A. Levin, LL.B. '34, formerly of Cleveland, Ohio.
July 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund (contd)

Albert A. Levin Memorial Award Fund (contd)

This bequest is to be invested in the University's Investment Portfolio under the rules and regulations 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 present an award to the student or students earning the highest grade in the required courses in Professional Responsibility in the College of Law.

Should the need for these awards cease to exist or so diminish as to provide unused income, or should the College of Law cease to exist through any reorganization of the University, 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 education in law.

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EMPLOYMENT OF ARCHITECTS/ENGINEERS AND REQUEST FOR CONSTRUCTION BIDS

Resolution No. 82-10


WHEREAS the Capital Bill under consideration for the State of Ohio includes funds for several projects for The Ohio State University Main Campus and Regional Campuses; and

WHEREAS, since this is a one-year bill, it is imperative that plans for these projects be completed as soon as possible after the Bill passes; and

WHEREAS, the following list of projects are currently planned from funds included in the 1981-82 Capital Improvements Bill:

Line Item Projects

Agricultural Technical Institute, Phase III
Bee Laboratory Replacement
Community Extension Center Building
Jesse Owens Plaza and Track
Lake Erie Research, Center for
Mansfield Branch—Renovations and Campus Improvements
Marion Branch, Phase III
Utilities and Renovation

Agricultural Administration Building Remodeling
Biological Sciences Library Remodeling
Child Development Laboratory
Classroom Improvements
Dentistry Laboratory Renovation
Don Scott Field Area Road Improvements
Elevator Replacements-Project B
Energy Management Improvements
Evans Laboratory - Air Conditioning and Ventilation Systems
Exhaust System Improvements - Koffolt Lab and Parks Hall
Hazardous Waste Incinerator
Lima Campus
Mansfield Campus
Marion Campus
Masonry Improvements-Project B
McCracken Power Plant Improvements
McCracken Power Plant - Renovate No. 7 Boiler
Newark Campus
Poultry Science Sanitary Sewers
Stadium Drive Bridge, Pedestrian Bridge and Road Improvements
Veterinary College Building Improvements

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to proceed to select a qualified architectural/engineering firm for each project listed above from 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 Administration be authorized to proceed 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; and

BE IT FURTHER RESOLVED, That all final actions related to the employment of architectural/engineering contracts and construction contracts for these projects will be dependent upon passage of the pending Capital Appropriations Bill of the State of Ohio for The Ohio State University for Fiscal Year 1981-82, and appropriate Ohio Board of Regents approvals.

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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EMPLOYMENT OF ARCHITECTS/ENGINEERS
Resolution No. 82-11

Synopsis: Employment of architectural/engineering firms for projects funded by the pending Capital Appropriations Bill 552 for the 1981-82 Biennium.

WHEREAS, the Capital Bill under consideration for the State of Ohio includes funds for several projects for The Ohio State University Main Campus; and

WHEREAS, since this is a one-year bill, it is imperative that plans for these projects be completed as soon as possible after the Bill passes; and

WHEREAS, the following list of projects are currently planned from funds included in the 1981-82 Capital Improvements Bill:

Line Item Projects
- Agricultural Engineering Building (Planning Funds)
- Cancer Institute Hospital
- Cancer Radiation Therapy (Planning Funds)
- Geriatric Center
- Health Center Access Improvements
- McPherson Laboratory (Planning Funds)
- Ohio Arthritis Center
- Veterinary Sciences Facility (Planning Funds)

Utilities and Renovation Projects
- Arps Hall Renovation (Planning Funds)
- Don Scott Sanitary Sewers (Planning Funds)
- Hamilton Hall Renovation (Planning Funds)
- Townshend Hall Renovation (Planning Funds)
- Water Distribution Improvements (Planning Funds)

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to proceed to select a qualified architectural engineering firm for each project listed above from lists of firms requested from and provided by the Department of Administrative Services; and that the fees 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 all final actions related to the award of architectural/engineering contracts for these projects will be dependent upon passage of the pending Capital Appropriations Bill of the State of Ohio for The Ohio State University for Fiscal Year 1981-82 and appropriate Ohio Board of Regents approval.

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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Synopsis: Plans and specifications are being proposed for the following project.

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

CONVERSE HALL - ALTERATION OF HEATING SYSTEM

Project: Fin tube type hot water radiator units will be added to selected rooms in basement, first floor, second floor, and third floor areas for better temperature control in these rooms. New hot water supply and return lines will be connected to existing mains in the basement of the building.

Funding: Budget Account 885127

Estimated Project Cost: $32,000.00

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

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President Enarson:

Under awards--contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures, and the committee heard the report on these projects in considerable detail, and I see really no point in going through these seriatim this afternoon. It may be that the chairman of the committee will wish to summarize for the benefit of members not present this morning some of the substance of the discussion on one element of concern and the approach that the Board proposes. I am talking of the 'set-aside' matter here. We do recommend--or rather the Fiscal Affairs Committee did recommend the customary motion which is in effect for accepting the report as hereby reported.
July 10, 1981 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 82-13

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 Administration 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:

CHEMICAL INSTRUMENTATION CENTER

Description: This remodeling project provides space for a Chemical Instrumentation Center on the first floor of Johnston Laboratory to house various laboratories and support offices.

General Contract

| Date Received: | June 11, 1981 |
| No. of Bids:   | 10            |
| Low Bid:       | $74,040.00*   |
| High Bid:      | $112,000.00*  |
| Estimate of Cost: | $95,741.00*  |
| Awarded to:    | Ed Ross Construction Co., Westerville, Ohio |

Plumbing Contract

| Date Received: | June 11, 1981 |
| No. of Bids:   | 6             |
| Low Bid:       | $36,800.00    |
| High Bid:      | $61,300.00    |
| Estimate of Cost: | $24,238.00** |
| Awarded to:    | Bruner Corporation, Columbus, Ohio |

*Recommended alternates reflected in these figures.

**Please note that Item No. 2 - Plumbing Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.
July 10, 1981 meeting, Board of Trustees

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

CHEMICAL INSTRUMENTATION CENTER (contd)

Heating, Ventilating, and Air Conditioning Contract

Date Received: June 11, 1981
No. of Bids: 6
Low Bid: $39,540.00*
High Bid: $46,569.00*
Estimate of Cost: $36,567.00* **
Awarded to: Farber Corporation, Columbus, Ohio

Electrical Contract

Date Received: June 11, 1981
No. of Bids: 9
Low Bid: $23,240.00
High Bid: $34,821.00
Estimate of Cost: $38,475.00
Awarded to: Claggett Electric Company, Inc., Columbus, Ohio

Total All Contracts: $173,620.00
Total Contingency Allowance: $13,346.45 which is 8 per cent of construction contracts
Total Project Cost: $214,353.00
Funding: Budget Account 885090

* Recommended alternates reflected in these figures.

** Please note that Item No. 3 - Heating, Ventilating, and Air Conditioning Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.
July 10, 1981 meeting, Board of Trustees

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

ENERGY MODIFICATIONS TO BUILDINGS - PHASE V (PROJECT “A”) (FAWCETT CENTER FOR TOMORROW, FOUNDERS HALL, HEALTH SCIENCES LIBRARY)

Description: Modifications to continue the ongoing energy conservation. Work includes modifications to existing centrifugal chiller in Fawcett Center which is estimated to save $21,812.00 annually with a two-year four-month payback; replacement of existing 316 ton absorption chiller and electrical centrifugal chiller in Health Sciences Library with an estimated annual savings of $25,000.00 with a three-year six-month payback; and system modifications in Founders Hall with a savings of $25,000.00 annually and a one-year seven-month payback.

Mechanical Contract

Date Received: June 4, 1981
No. of Bids: 5
Low Bid: $109,100.00*
High Bid: $146,085.00*
Estimate of Cost: $121,809.00*
Awarded to: J. A. Guy, Inc., Dublin, Ohio

Electrical Contract

Date Received: June 4, 1981
No. of Bids: 3
Low Bid: $ 64,300.00
High Bid: $ 74,440.00
Estimate of Cost: $ 53,191.00**
Awarded to: Electric Power Equipment Co., Columbus, Ohio

* Recommended alternates reflected in these figures.

** Please note that Item No. 2 - Electrical Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY MODIFICATIONS TO BUILDINGS - PHASE V (PROJECT "A")
(FAWCETT CENTER FOR TOMORROW, FOUNDERS HALL,
HEALTH SCIENCES LIBRARY) (contd)

Total All Contracts: $173,400.00
Total Contingency Allowance: $7,260.43 which is 4 per cent of construction contracts
Total Project Cost: $199,700.00
Funding: Budget Account 210134

NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA) TITLE III PROGRAM,
CYCLE I ENERGY CONSERVATION MEASURES - ECM-2
(SMITH LABORATORY/MCCAMPBELL HALL)

Description: This work consists of removing an inefficient absorption unit from Smith Laboratory and relocating centrifugal unit from McCampbell Hall.

Mechanical Contract

Date Received: May 28, 1981
No. of Bids: 6
Low Bid: $118,900.00*
High Bid: $151,760.00*
Estimate of Cost: $155,135.00*
Awarded to: J. A. Guy, Inc., Dublin, Ohio

Electrical Contract

Date Received: May 28, 1981
No. of Bids: 2
Low Bid: $23,095.00*
High Bid: $26,326.00*
Estimate of Cost: $55,380.00*
Awarded to: Electric Power Equipment Co., Columbus, Ohio

*Recommended alternates reflected in these figures.
July 10, 1981 meeting, Board of Trustees

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

NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA) TITLE III PROGRAM,
CYCLE I ENERGY CONSERVATION MEASURES - ECM-2
(SMITH LABORATORY/MCCAMPBELL HALL) (contd)

Total All Contracts: $141,995.00
Total Contingency Allowance: $953.93 which is 1 per cent of construction contracts
Total Project Cost: $166,294.00
Funding: Federal Funds and Ohio Board of Regents

STADIUM DRIVE PAVEMENT REPAIRS

Description: Due to deterioration, repair sidewalks, curbs, and pavement from Tuttle Park Place west to the Stadium Drive Bridge on Stadium Drive.

General Contract

Date Received: June 12, 1981
No. of Bids: 4
Low Bid: $109,400.00
High Bid: $158,404.25**
Estimate of Cost: $157,000.00*
Awarded to: Gaddis and Son, Inc., Columbus, Ohio
Total Contract: $158,404.25
Total Project Cost: $161,481.28
Funding: Budget Account 210134

*Please note that Item No. 1 - General Contract is in excess of the filed estimate of cost; however, the total price of the contract is within 10 per cent above the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

**Please also note that the above contract is awarded to the fourth lowest bidder. The three lower bids were rejected because the contractors were not certified as minority contractors and did not meet the guidelines as set forth in House Bill 584, as defined by the Office of Equal Employment Opportunity.
July 10, 1981 meeting, Board of Trustees

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

NEWTON HALL - REPLACEMENT OF FIREPROTECTIVE MATERIALS

Description: Remove exposed fireproofing material and replace with non-asbestos fireproofing, encapsulate any residual asbestos to prevent fibers going into air. Areas include nurses' locker room, mechanical room, stairwells, walls, ceilings, on the ground floor, first, and top floors of Newton Hall.

General Contract

Date Received: May 28, 1981
No. of Bids: 1
Low Bid: $ 86,969.00
Estimate of Cost: $ 88,500.00
Awarded to: M. K. Moore & Sons, Inc., Dayton, Ohio

Total Contract: $ 98,000.00
Total Contingency Allowance: $ 9,291.62 which is 11 per cent of construction contract
Total Project Cost: $ 98,000.00
Funding: Budget Account 885152

PAGE HALL, RENOVATION OF ROOMS 200 AND 220

Description: Repair of deteriorated plaster which is causing hazard to occupants of area; ceiling plaster falling in both Rooms 200 and 220.

General Contract

Date Received: June 9, 1981
No. of Bids: 6
Low Bid: $ 38,450.00
High Bid: $ 57,800.00
Estimate of Cost: $ 55,000.00
Awarded to: RossLin Construction & Maintenance Co., Columbus, Ohio

Total Contract: $ 38,450.00
Total Contingency Allowance: $ 4,481.00 which is 12 per cent of construction contract
Total Project Cost: $ 43,700.00
Funding: Budget Account 885158
July 10, 1981 meeting, Board of Trustees

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

OHIO UNION, EXTERIOR STEP REPAIRS

Description: Replace existing deteriorated steps on east side of Ohio Union.

General Contract

<table>
<thead>
<tr>
<th>Description</th>
<th>Replace existing deteriorated steps on east side of Ohio Union.</th>
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<tbody>
<tr>
<td>Date Received:</td>
<td>June 12, 1981</td>
</tr>
<tr>
<td>No. of Bids:</td>
<td>4</td>
</tr>
<tr>
<td>Low Bid:</td>
<td>$30,300.00*</td>
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<tr>
<td>High Bid:</td>
<td>$64,373.00*</td>
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<td>Estimate of Cost:</td>
<td>$29,400.00*</td>
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<td>Awarded to:</td>
<td>Salaam Construction Co., Columbus, Ohio</td>
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<td>Total Contingency Allowance:</td>
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<td>Total Project Cost:</td>
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<td>Funding:</td>
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</table>

*Recommended alternates reflected in these figures.

*Please note that Item No. 1 - General Contract is in excess of the filed estimate of cost; however, the total price of the contract is within 10 per cent above the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio 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 reported.

Mr. Hilliker: I'll move that we accept the report--then any discussion.

Mr. Devenow: Is there a second?

Mr. Immke: I'll second it.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

Mr. Hilliker:

Well, the one area that was most discussed by this committee this morning concerned the contracts that the administration sets aside for authorized minority contractors. We did have an instance in one of the projects today where--it was a paving contract--we received four bids on the contract, but only one of which did qualify as a minority contractor. It did turn out--and the Department of Public Works has awarded that contract to that contractor. It did turn out that in this instance that contractor was the higher--the highest of the four bids that were received on the job. What the discussion was today was to check into the system of these 'set-aside' projects whereby we can be assured that on future projects we get more competitive bidding in this area. This particular contract ended up being approximately 40 percent above the low bid although it was very near the University's estimate of the cost, but what we are concerned about is that on future contracts that if we can't get a competitive bidding stance among the minority contractors then we will be paying, in many instances, too high a premium. In the near future we will be inviting representatives of the Department of Public Works to speak to us on what we can do, or what they can do, to insure us that in the future that these 'set-aside' projects still remain competitive even though by necessity they will be awarded to minority contractors.

Mr. Devenow:

Any questions of Mr. Hilliker? This is a motion to accept the report. I would like to make it clear that I do not agree with the one item, but I will accept it as a report. I was going to abstain, but I will accept it as a report. With that I will ask for a roll call vote.

The resolution was adopted by unanimous roll call vote.

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REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 82-14

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:
REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS (contd)

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. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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APPOINTMENT OF INVESTMENT COUNSELORS
Resolution No. 82-15

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee the following investment policies pertaining to the University's Investment Portfolio be implemented in accordance with the terms and conditions set forth.

Reappointment of the following-named investment managers to counsel in Endowment investments totalling the amounts indicated:

- The Chicago Corporation $14,000,000
- Huntington Investment Management Corporation $19,500,000
- Siebel Capital Management, Inc. $11,000,000
- Tallasi Management Company, Inc. $7,500,000

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 82-16

RESOLVED, That the report on the University's Investment Portfolio, dated June 30, 1981, 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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45
July 10, 1981 meeting, Board of Trustees

COMMENTS

Mr. Devenow:

This is Dr. Enarson’s last official meeting—Trustees’ meeting—and I would like to turn the meeting back to him for any comments he might like to make.

President Enarson:

Mr. Chairman, you upstaged me on that—I was simply going to say and I will now say—that traditionally August is a sacred month. You are relieved momentarily of your awesome responsibilities. We rarely have a meeting in August and very seriously, we will not have any special meeting unless it proves necessary, but given the seriousness of the problems we face I can’t guarantee that we won’t. It appears extremely unlikely that there will be any resolution of the legislative action by that time and absent that or something else I think it is unlikely that there will be a need for an executive session. As I drive across the wheat fields of Kansas on commencement day I will be thinking about you.

Mr. Redman:

Well, Mr. Chairman, before you terminate the meeting, I have a few remarks I would like to make. Are you through with the rest of the business? I am not on the agenda but I would like to get on it. Being in Florida I receive these OSU news digests from the University, and I generally go over them with interest, and I found one in this last one that made me angry, and at my age that comes hard. It seems that in the Lantern issue of Friday, May 29, there was what I consider to be a scurrilous attack upon the Governor. I might add that I have not discussed this with the Governor if anybody wants to know, but the reprint that I have here presumably quotes from the Lantern although the reprint is from the Citizen Journal, so if there is any inaccuracy between the actual article in the Lantern which I don’t have and what the Journal says was said in the Lantern, I would stand to be corrected in that regard. But before I make the remarks relating to what is contained in the article, I want to make the general statement that I don’t think the Lantern, which is a tax supported institution at this University and has been for 100 years, has any business being in the political arena. That’s the basic complaint I have with the article itself. What this young man had to say, or whatever the Lantern staff had to say—if they want to promote Mr. Metzenbaum’s candidacy for the United States Senate, I think they should hire themselves a public relations staff, get some ballots printed and get out on the campus and distribute them. I don’t think that the Lantern is any place for this kind of attack on the Governor.

Now as I analyze it, the article says that the complaint about the Governor is that he has advocated more jobs, no taxes, and fund higher education. Well I’ll say that’s an accurate quote. He has been for more jobs, he has been for keeping down the taxes, and he has been for funding higher education since I have known him, and I’ve known him since 1946. Now if that is all bad, fellows, I am in the wrong business.
July 10, 1981 meeting, Board of Trustees

COMMENTS (contd)

Mr. Redman: (contd)

Then the second complaint is that he says the Governor says no Ohioan lives more than 30 miles away from a state-supported college. Is that bad? I think that's good. I think the Governor thinks it was good. He went to a lot of trouble, time and effort to get it established--I'll tell you that because I know about it.

I think the last thing, perhaps--the point at issue is that Rhodes ordered out the National Guard to Kent State which led to the murder of four persons. The effect of that is to accuse the Governor of being an accessory to murder. Now you know fun is fun, but I don't like that. And if this Lantern purports to speak for this University, I'll say one thing--it doesn't speak for me. And I would like to know who is responsible for the editorial policy of this paper. All papers--privately owned papers--have an editorial policy and it is set. If they want to be democratic--fine; if they want to support republicans--fine; if they want to support homosexuality--fine; whatever--as long as they own the paper, they can print any dang thing they want, but I don't think that this newspaper which is supported by State funds has any business making this kind of statements; and I think I would like to know more about the editorial policy in the Lantern and who is running it. Mr. Chairman, that is all I have to say.

Mr. Devenow:

Thank you, Mr. Redman. Any other comments? I would just like to say, Mr. Redman, that I, too, was offended by that editorial. I am not arguing with the right of anyone to print that editorial, but I do feel that--I was not appointed by Governor Rhodes to this Board--that he has been one of the great Governors of this State, the greatest Governor this State has had or any other state, and we operate in some 50 states. And I know what he has done for this State and I know what he has done for education. I resent the implications in the article, and I think it is basically an opinionated article, and I guess I agree with you that as a Board member, I would like to state publicly I find it to be rather repulsive.

Thereupon the Board adjourned to meet Friday, September 4, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott Chester Devenow
Secretary Chairman
APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

September 3, 1981
Vern Riffe, Speaker of the Ohio House of Representatives, has served the people of Ohio with increasing distinction since 1958. Now in his fourth term as Speaker, he holds one of the major positions of authority and leadership in state government. That he has consistently exercised that authority and leadership to advance the state of Ohio and to further the well-being of all its citizens is documented by the many honors he has received. A strong advocate of education, he has repeatedly demonstrated his understanding of the vital role public higher education must play in Ohio's future. The Ohio State University is pleased to honor Vern Riffe as a distinguished public servant and for his lasting contributions to the people of Ohio.
Recipients of Honors

Alistair Cooke
Doctor of Humane Letters
(Presented in absentia)

No one better personifies the bond of friendship and common heritage between this country and Great Britain than Alistair Cooke. No one has done more in recent years to strengthen that bond. Author, journalist, broadcaster, Alistair Cooke is widely acclaimed as a perceptive and eloquent interpreter of America, its personalities and its culture. His incisive writings and television commentaries have kindled in this country a new sense of history, literature, and the American experience. He embodies values that guide this University — a dispassionate search for truth, an openness to new ideas, an abiding belief in people. The Ohio State University is pleased to honor Alistair Cooke for enriching our lives as individuals and our heritage as a people.

Francis R. Aumann
Distinguished Service Award

For more than forty years, Francis R. Aumann, Professor Emeritus of Political Science, dedicated his professional life to building a strong department and enhancing the reputation of this University. He was eminently successful. As colleague and friend, he instilled a spirit of collegiality among faculty and a sense of excellence among students. His solid record of research and publication helped establish the department’s national reputation and set the high standards that guide it today. Many of his students went on to positions of note in government, law, and education. During a long and distinguished career, Francis R. Aumann enriched the life of this University in lasting ways and earned the highest accolade of all, the respect and admiration of his peers.
Richard P. Goldthwait
Distinguished Service Award

Professor Emeritus of Geology and internationally recognized polar scientist, Richard P. Goldthwait served this University with unusual distinction for more than three decades. Widely acclaimed for his research, he is acknowledged as one of the world’s leading figures in the study of glacial history and geology. As founder and first director of the Institute of Polar Studies, he was the guiding force that established Ohio State as an international center for polar and alpine study. As teacher, research scientist, and administrator, he personifies excellence. His many contributions to science have brought great credit to this University and enhanced its stature in the world community of scholars.

Walter C. Reckless
Distinguished Service Award

Walter C. Reckless, Professor Emeritus of Sociology, is respected throughout the world for his many contributions to the field of criminal justice. His influence has been profound. He established the Ohio State program in criminology and made it one of the finest in the nation. As one of the pioneers in American criminology, Walter Reckless laid the foundation for today’s criminal justice programs. His initiative in establishing corrections programs at Ohio State and abroad confirmed his position as a leading international authority. Students from all parts of Ohio, the nation, and the world came to Ohio State to study with him. Many are now leaders in the field of corrections. His contributions reflect the essential humaneness that has characterized his long and distinguished career.

Clarence E. Taft
Distinguished Service Award

The full promise of the land-grant university is reflected in the long and distinguished career of Clarence E. Taft, Professor Emeritus of Botany. An inspiring teacher, he has been honored by his college and the University for excellence in the classroom. As a research scientist, he is recognized as a world authority on water pollution problems related to algae. As a servant of the public, he shared his scientific knowledge generously with communities and states to help them monitor water quality and maintain healthful standards. For more than four decades, he exemplified the mission of Ohio State in its highest form. And in so doing, he brought honor and respect to his profession and to this University.

J. Edward Weaver
Distinguished Service Award

To direct the intercollegiate athletic program at The Ohio State University is to face one of the most demanding administrative challenges in higher education. J. Edward Weaver, Director of Athletics, Emeritus, met that challenge with authority, dedication, and with the interests of student-athletes foremost in mind. He worked diligently to maintain the fiscal integrity of the athletic program and to assure the good name of Ohio State athletics. He opened the way to Ohio State’s position of national leadership in women’s athletics. For more than three decades — with the Alumni Association, the Office of Business and Finance, and most notably the Athletic Department — J. Edward Weaver served with distinction and devoted his professional life to the advancement of his alma mater.
The Graduate School

Dean: Jules B. LaPious

Doctor of Philosophy

Mohamed Hani Hassan Abdel-Nabi,
Alexandria, Egypt; M.B., Ch.B., M.S. (University of Alexandria); Zoology; Dr. Willard C. Myer

Alma Sheela Adams, Greensboro, N. C.; B.S., M.S. (Agricultural and Technical College of North Carolina); Art Education; Dr. Kenneth Marantz

Jan Alexander Atiken, Manassas, Va.; B.A. (Lawrence University); M.B.; Computer and Information Science; Dr. Lee J. White and Dr. Douglas S. Kerr

Saleh Nasser Alnasasr, Riyadh, Saudi Arabia; B. of Ag. (University of Riyadh); M.S. (Ohio State University); Agricultural Education; Dr. J. David McCracken

Dorothy Lee Amoler; B.A. (Alverno College); M.A.; English; Dr. Alan K. Brown

Ebenerer Yaw Antwi, Bomeng, Ghana; B.A. (Kanns Wesleyan); M.A.; Education; Dr. John O. Cooper

Larry Ray Arrington, Plain City, Fla.; B.Sc.Agr. (University of Florida); M.Ed. (University of Georgia); Agricultural Education; Dr. J. David McCracken

Chris Rogers Arthur; B.A. (Dillard University); M.A.; Education; Dr. John O. Cooper

Thomas Jackson Babb, West Liberty, W. Va.; B.S. (Bob Jones University); M.S. (University of Tennessee); Education; Dr. Otto Santos, Jr.

Revathi Balakrishnan, Salem Tamil Nadu, India; B.Sc., M.Sc. (University of Madras); M.S.; Home Economics; Dr. Francelle M. Firebaugh

Bat-Ami Bar On, Hadera, Israel; B.A. (Tel-Aviv University); Philosophy; Dr. Robert G. Turnbull

Garlena Ann Bauer, Columbus; B.S., M.S.; Agricultural Economics and Rural Sociology; Dr. William L. Fink

James William Benham, Columbus; B.A. (Ohio Wesleyan University); Mathematics; Dr. John S. Hina

Mark Charles Berger, Sylvania; B.A. (University of Toledo); M.A.; Economics; Dr. Delton M. Fleisher

Nancy Mulhollen Betas, Beaver Falls, Pa.; B.A. (Pennsylvania State University); M.S.; Home Economics; Dr. Virginia M. Vivian

James Virgil Bina, Groveport; B.A. (University of Northern Iowa); M.A.; Education; Dr. David L. Boggs

David Lorin Bitters, Fairway, Kan.; B.A. (Colorado College); M.A. (Dartmouth College); Industrial and Systems Engineering; Dr. Gordon M. Clark

William Theodore Bolton, Jr., Syracuse, N. Y.; B.A. (Ohio Wesleyan University); M.A. (Temple University); Communication; Dr. Thomas W. Dineen

Michael Bradford Bragg, Atwood, Ill.; B.S., M.S. (University of Illinois); Aeronautical and Astronautical Engineering; Dr. Gerald M. Gregorek

Ernest Francis Brickell, Sayre, Okla.; B.S. (Oklahoma State University); M.S.; Mathematics; Dr. Diken J. Ray-Chaudhuri

Donna June Bristol, Holly, Mich.; B.S. (University of Michigan); M.A. (West Virginia University); Art Education; Dr. Kenneth Marantz

Jennifer Lee Britton, Charleston, W. Va.; B.A. (Morris Harvey College); M.A. (West Virginia University); Education; Dr. Thomas M. Stephens

Saundra Cromwell Brunson, Newark, Del.; B.S. (Morgan State College); M.S. (Drexel University); Home Economics; Dr. Jean D. Dickerscheid

Kent Oliver Burkey, Greeneville, Tenn.; B.A. (Warren Wilson College); Biochemistry; Dr. Elizabeth L. Gross

Kim Cornelius Calvo, Columbus; B.A.; Chemistry; Dr. Richard H. Kapper

Charles Richard Carothers, Racine, Wis.; B. of P.E. (Purdue University); M.S. (University of Wisconsin); M.A.; Education; Dr. Roy A. Larnee

Philip Howard Cass, Columbus; B.A. (Kenyon College); M.A. (Fairfield University); Education; Dr. Anthony C. Riccio

Donald Grover Chenoweth, Davenport, Ia.; B.S. (Loras College); M.A.; Psychology; Dr. W. Bruce Walsh

Charles David Clark, Gallipolis; B.S., M.S.; Agricultural Education; Dr. J. Robert Warmbrod

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James R. Corbett, Syracuse, N. Y.; B.S. (Syracuse University); M.S. (San Diego State College); Communication; Dr. Thomas A. McCann

Kofi Quahorh Dabozy, Agia, Ghana. West Africa; B.S. (University of Ghana); M.B.A.; Business Administration; Dr. Bernard J. Lalonde

LaPointe Manuel Davis, Fayetteville, N. C.; B.S. (Virginia State College); M.Mus. (University of Michigan); Music; Dr. Jere L. Forsythe

Patricia Davis, Manassas, Va.; B.S., B.A. (Mary Hardin-Baylor); M.S. (Smith College); Physical Education; Dr. Lewis A. Hess

Robert Ira Davis, Columbus; A.B., M.A. (Herbert Lehman College); Communication; Dr. John A. Ferraro

Thomas Eugene Davis, Amanda; B.G.S. (Ohio Wesleyan University); M.A. (Marshall University); Education; Dr. Joseph J. Quartera, Jr.

Robert Madison Day, Columbus; B.S.; Education; Dr. Donald P. Sanders

Timothy Lee Deeter, Greenville, S.C.; B.S., M.S.; Electrical Engineering; Dr. Martin O. Thurston

John Morse DeLaurentis, Mt. Vernon; B.A. (Ohio Wesleyan University); M.S.; Mathematics; Dr. Boris Filipel

Daniel Marandhan Jothiraj Dasivashvath, Kandy, Sri Lanka; B.S. (University of Sri Lanka); M.S.; Electrical Engineering; Dr. Daniel B. Hodge

Susan Marie Dinitz, Akron; B.A. (Ohio Wesleyan University); M.A.; English; Dr. Richard D. Aithek

Frank Jerold DiTiro, Rochester, N. Y.; B.A. (Denison University); M.S.; Anatomy; Dr. George F. Martin and Dr. Raymond H. Ro

Mark Glen Donol, Charleston, Ill.; B.S. (Eastern Illinois University); Chemistry; Dr. John S. Swenton

Dorothy Jean Downey, Lander, Wyo.; B.A. (Utah State College); M.A. (Western Kentucky University); M.A.; Physical Education (Health Education); Dr. Mary K. Beyer

Debra Francis Edwards, Middletown; B.S. (Miami University); M.S.; Plant Pathology; Dr. Michael Garraway

Donald George Edwards, Columbus; B.S.; M.S.; Statistics; Dr. Edward S. Dudewicz

Abdussalam Mukhtar Elzilitni, Benghazi, Libya; B.S.; (Ohio University); M.A.; Education; Dr. J. Keith Tyler

Steven Michael Errede, St. Paul; B.S. (University of Minnesota); M.S.; Physics; Dr. Neville W. Reay

Keith Ewald, Columbus; B.A. (State University of New York College at Buffalo); M.A.; Sociology; Dr. Robert Joba

Janet Laurentia Fallon, Boston, Mass.; B.A. (Alburtus Magnus College); M.A.; Communication; Dr. John J. Molay

Carolyn Huffman Farmworth, Arcadia; B.S.Ed. (Bowling Green State University); M.A.; Education; Dr. Victor J. Mager

*Degree granted in cooperation with Miami University.
<table>
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<tr>
<th>Name</th>
<th>Degree and University</th>
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<td>Angel Laylo Lambio</td>
<td>B.A. (University of the Philippines); Poultry Science</td>
<td>Dr. Walter R. Harvey</td>
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<td>James Ellis Lanza</td>
<td>B.S., M.S.W.; Education; Dr. Joseph J. Quaranta, Jr.</td>
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<td>Jaropolk Lassowsky</td>
<td>Clarion, Pa.; B.M. (New York College of Music); M.A. (New York University)</td>
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<td>Dr. William Poland</td>
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<td>Jerry James Lewis</td>
<td>Dayton, B.S. (Knoxville College); M.Ed. (Wright State University) Education; Dr. Victor M. Rentel</td>
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<td>Paul Richard Linden</td>
<td>B.A. (Reed College); M.A. (San Jose State) Physical Education; Dr. Seymour Kieneman</td>
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<td>Molly Longstroth</td>
<td>Columbus, B.S. (Ohio University); M.S. (Home Economics); Dr. John S. Bowers</td>
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<td>Daniel R. Lux</td>
<td>Columbus, B.S. (Kent State University) Geology and Mineralogy; Dr. John F. Butter</td>
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<td>Anna Marie Mameino</td>
<td>Youngstown, B.S. In Ed. (Youngstown State University) Education; Dr. Anthony C. Rieco</td>
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<td>New Kensington, Pa.; B.A. (University of Pittsburgh) Political Science; Dr. Charles F. Herrmann</td>
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<td>Martina Pinkney Matthews</td>
<td>Washington, D.C.; B.S. (Miner Teacher's College) Education; Dr. Lonnie E. Wagensall</td>
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<td>Columbus, B.A. (Randolph Macon); M.E.N. (Emory University) Education; Dr. Roy A. Larmee</td>
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<td>Jack Kendal Middagh</td>
<td>II, Chariotsville, Va.; B.B.A., M.B.A. (George Washington University) Accounting; Dr. Feliz P. Kollarischi</td>
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<td>Mabry Batson Miller</td>
<td>Huntsville, Ala.; A.B. (Athens College) M.B.A. (Alabama Agricultural and Mechanical University) Business Administration; Dr. Orlando C. Behling</td>
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<td>Aeryung Moon</td>
<td>Seoul, Korea; B.S. (Seoul National University) M.S.; M.S.; Mathematics; Dr. Etski Bannai and Dr. D. K. Ray-Chaudhuri</td>
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<td>Pratoom Muangmees</td>
<td>Cholluri, Thailand; B.S., M.A. (San Jose State College) Physical Education; Dr. Donald K. Mathews</td>
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<td>Clemson, S.C.; B.S., M.S. (Clemson University) Horticulture; Dr. David C. Ferree</td>
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<td>B.A. (College of the Holy Cross) M.A.; Classics; Dr. Stephen V. Tracy</td>
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<td>Terrance Patrick O'Brien</td>
<td>Virginia Beach, Va.; B.S. (Old Dominion University) Education; Dr. Thomas R. White</td>
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<td>Oliver Amanze Onyewuwe</td>
<td>Owerri, Nigeria; B.S.C. (University of Missouri) M.S.; Metallurgical Engineering; Dr. John P. Hirth</td>
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<td>Francis Oyenso Otsoume</td>
<td>Aha, Imo, Nigeria; B.S., M.S. (West Virginia University) Civil Engineering; Dr. Calvin J. Kongs</td>
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<td>John Backes Perkins</td>
<td>East Aurora, N.Y.; B.S. (State University of New York at Cortland) Microbiology; Dr. Donald H. Drew</td>
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<td>Kai-Wu Peng</td>
<td>Taipei, Taiwan; Republic of China; B.S. (Chung Eung Institute of Technology) M.Com. (National Chen Chi University) Industrial and Systems Engineering; Dr. Richard A. Miller</td>
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<td>Michael Harold Peters</td>
<td>Dayton, B.S. (University of Dayton) M.S.; Chemical Engineering; Dr. Thomas L. Swersey</td>
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<td>Michael T. Lueken</td>
<td>Chusak Praserts, Bangkok, Thailand; B.A., M.A. (Arizona State University) Art Education; Dr. Kenneth Marsan</td>
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<td>Joel Alexander Rabb</td>
<td>Columbus, A.B. (Earlham College) M.S.W.; Social Work; Dr. Richard R. Medhurst</td>
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<td>Robyn Ann Redinger</td>
<td>Dover, B.A. (University of North Carolina) M.A.; Education; Dr. Timothy E. Herron</td>
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<td>Peter Jacob Reiser</td>
<td>New Holstein, Wis.; B.S. (University of Wisconsin—Madison) M.S.; Physiology; Dr. Bradford T. Stokes</td>
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<td>Mary Rhodes</td>
<td>Columbus, B.A. (University of Kansas); B.A. (University of Virginia) History; Dr. Leila J. Repp</td>
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<td>Thomas Joseph Rimele</td>
<td>Columbus, B.S. (University of Cincinnati) Pharmacy; Dr. Timothy S. Gaginella</td>
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<td>Ronnie Lou Ritchie</td>
<td>Columbus, B.A. (Wittenberg University) M.A.; Psychology, Dr. Henry Leland</td>
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<td>Diane Low Robbins</td>
<td>Atlanta, Ga.; B.A. (Northwestern University) M.A.; Psychology, Dr. Henry Angelino</td>
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<td>Georgena Kay Todd Rogers</td>
<td>North Little Rock, Ark.; B.S. (Kansas State Teachers College) M.S.E. (University of Central Arkansas) Education; Dr. Thomas R. White</td>
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<td>Mary Anne Rothermel</td>
<td>Blooming, Minn.; B.S., M.B.A. (University of Akron) Business Administration; Dr. Lee J. Krajewski</td>
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<td>Nancy Ann Schmerhorn</td>
<td>Rudd, Powell; B.S., M.S. (Iowa State University) Education; Dr. Alexander Severino</td>
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<td>Steven Wayne Rust</td>
<td>Hamilton; B.A. (Miami University) M.S.; Statistics; Dr. Michael A. Fligner</td>
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<td>Keun Ho Royo</td>
<td>Seoul, Korea; B.S. (Korea Military Academy) B.S., M.S. (Seoul National University) Electrical Engineering; Dr. Jopikol M. Jagadeesh</td>
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<td>Jule Dee Scarborough</td>
<td>Manteo, N.C.; B.S. (Appalachian State University) M.S. (Ball State University) Education; Dr. Willis E. Ray</td>
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<td>Frederick Owen Schmidt</td>
<td>Logan; B.S., M.A.; Music; Dr. A. Peter Costanza</td>
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<td>Claressa Shaw Schuster</td>
<td>Mount Vernon; B.S. (Cornell University) M.Ed. (Boston University) Education; Dr. Thomas M. Stephens</td>
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<td>Roy D. Schwartz</td>
<td>Randolph, N.J.; B.S. (Marietta College) M.S. (Fairleigh Dickinson University) Pharmacology; Dr. Joseph R. Bianchini</td>
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<td>Richard William Schenzen</td>
<td>Denver, Colo.; B.A. (University of Colorado) Chemistry; Dr. John M. Parson</td>
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<td>Salehdinabad Shahi</td>
<td>Tehran, Iran; B.S., M.S. (University of Tehran) Agricultural Engineering; Dr. Robert G. Holmes</td>
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<td>Dale Eugene Sharp</td>
<td>York, Pa.; B.S. (Duquesne University) Chemistry; Dr. Larry B. Cerny</td>
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<td>Richard Graham Shields</td>
<td>Jr., Bethel Park, Pa.; B.S. (Pennsylvania State University) M.S.; Animal Science; Dr. Donald C. Mahan</td>
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<td>Leonard C. Shyles</td>
<td>Brooklyn, N.Y.; B.A. (Brooklyn College) Communication; Dr. Thomas A. McCuin</td>
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<td>Susan A. Sittianen</td>
<td>B.A.; M.A. (University of South Florida) Communication; Dr. Donald J. Cegula</td>
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<td>Paul Eugene Sokol</td>
<td>Columbus, B.A. (State University of New York at Buffalo) Physics; Dr. James R. Gainey</td>
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<td>Stanley Steven Stavinsky</td>
<td>Sugar Notch, Pa.; B.S. (Wilkes College) Chemistry; Dr. Derek Horton</td>
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<td>Robert Howard Stoeck</td>
<td>Canton, B.S. (Case Western Reserve University) M.S.; Poultry Science; Dr. John David Latake</td>
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<tr>
<td>Elaine Margaret Strauss</td>
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John Timothy O'Malley, South Bend, Ind.; B.A. (Indiana University); Physical Education

Evelyn Oriowo, Nairobi, Kenya; B.S.H.E.; Black Studies

John William Orr, Whitehall; B.S. (Otterbein College); Education

Vernon Russell Pajutee, Long Beach, Calif.; B.A. (California State College, San Bernadino); M.A. (California State University, Long Beach); Psychology

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Mark Philip Parrillo, Girard; B.A. (Notre Dame University); History

John Charles Park, Mt. Victory; B.A. (Anderson College); Education

Barbara Friedman Peabody, Jamestown, N. Y.; B.S. (Kent State University); Education

Kenneth Wright Peabody, Akron; B.A. (Kent State University); Linguistics

Louise Flower Pence, Columbus; B.A. (Muskingum College); Education

Joyce Ann Petrok, Hubbard; B.S.Ed.; Education

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Joseph Kirwin Pettigrew, Charleston, W. Va.; A.B. (Ohio University); Linguistics

Judith Ross Person, Columbus; B.A. (Auckland University); Education

Sharon Hudock Pierce, Cleveland; B.S.Ed.; Education

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Deborah Lee Poling, Norwalk; B.S.Ed. (Ohio University); Education

Mary Jo Polson, Bellville; B.M.E. (Baldwin-Wallace College); Music

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Nada K. Quickel, Steubenville; B.S.; Education

Deborah Eleanor Reed, Chicago, Ill.; B.S. (Wilberforce University); Education

Martin A. Rice, Columbus; B.A. (Trenton State College); Philosophy

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Robert William Richmond, Jr., Columbus; B.A.; Journalism

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Lawrence Charles Riehl, Marietta; B.S. (West Virginia State College); Education

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Jeffrey Lee Robertson, Centerburg; B.S.Ed. (Bowling Green State University); Physical Education
Charlotte E. Roe, Newark; B.A. (University of Colorado); Political Science
Mary Jane Roscoe, Columbus; B.S.Ed.; Education
Diane Beverly Roth, Hannibal; B.S.; Education
Wesleyan
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Steven James Russell, Columbus; B.A. (Ohio State University); Administration
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Deborah Dodge Schroeder, Lima; B.S. (Wittenberg University); Education
Debra Lynn Schumans, Granville; B.S. (State University College); Education
Joyce Finke Schutz, Columbus; B.S.Ed.; Sociology
Richard Lee Schuster, Mt. Vernon; B.A., B.S. (Eastern Nazarene College); M.S. (Simmons College); Education
Elliot Scott Schwartz, Philadelphia, Pa.; B.A. (Franklin and Marshall College); Psychology
Deborah Gantos Schwartz, South Euclid; B.A. (Marietta College); Education
Virginia Mae Scott, St. Louis, Mo.; B.A.E. (Arizona State University); Education
Rhonda Lee Searles, West Jefferson; B.S.Ed.; Education
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Jean Karen Selfe, Columbus; B.S.Ed. (Ohio University); Education
Anna Fox Sertell, Mansfield; B.S.; Education
Susan Spencer Sevitz, Lima; B.S.; Education
Carla Barkes Shankle, Grove City; B.S.Ed.; Education
Dini Fisher Shaw, Worthington; B.S. (Otterbein College); Education
Regina Annette Shepard, Chesapeake, Va.; B.S. (Norfolk State College); Education
Catherine Ann Sheppard, Dayton; B.A. (Ohio University); Education
Virginia Gall Sherer, Columbus; B.S.Ed.; Education
Margaret R. Sherwood, Columbus; B.A. (Elmhira College); Education
Diane Foltz Shind, Marion; B.S.Ed.; Education
Tina Louise Siddle, Columbus; B.S.; Education
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William Russell Silliman, Columbus; B.A. (Wittenberg University); M.S.W.; Public Administration
Bonnie Sue Singer, Columbus; B.S.; Education
Barbara Ann Sinsabaugh, Columbus; B.A., B.M. (Oberlin College); Education
Brian W. Sittler, Canal Winchester; B.S. (Muskingum College); Education
Ralph John Slavik, Cleveland; B.S.Ed.; Education
Creta Marlene Smith, Columbus; B.S.Ed.; Education
Teresa Anne Smoak, Columbus; B.S.; Education
Mary Emma Snyder, Whitehall; B.S.Ed.; Education
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Elaine D. Spydle, Columbus; B.S. (Ohio University); Sociology
Dorinda June Spearman, Columbus; B.S.Ed. (Ohio University); Education
Daniel L. Spress, Delaware; B.S. (Ohio University); Education
Susan Belle Sproy, Columbus; B.S.; Education
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Virginia Horn Stelt, Gambier; B.A. (Bethany College); Education
Paula Ann Stenger, Delaware; B.S.Ed. (Ohio University); Education
Martha Jane Stevens, Columbus; B.S. (Bob Jones University); Education
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Nancy Lee Swartz, Columbus; B.A.; Education
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Ronald William Thomson, Euclid; B.S. (Cleveland State University); Physical Education
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Patricia Eileen Trues, Circleville; B.S.Ed.; Education
Susan Catherine Tyler, Chesterland; B.F.A.; History of Art
Tennie S. Tyler, Monticello, Ark.; B.S. (Agricultural, Mechanical and Normal College); Education
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Keith Richard Winter, Columbus; B.A. (Adrian College); Physical Education

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Michael Francis Zofcin, Brookpark; B.A.; Education

David Scott Gerber, New Holland; B.S.; Business Administration

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Sue Ellen King, Westerville; B.S.N.; Business Administration

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Cynthia Ratka, Cleveland; B.A. (Denison University); Business Administration

Steven George Roll, Montgomery; B.S. (Miami University); Business Administration

Kurt R. Schell, Reynoldsburg; B.Sc. (Miami University); Business Administration

Jeannine Theresa Schwab, Covington, Ky.; A.B. (Thomson More College); M.C.S. (University of Mississippi); Business Administration

Randall R. Smith, Lima; B.S. (Miami University); Business Administration

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Kent Lee Stephens, Columbus; B.S. (Indiana Institute of Technology); Business Administration

James L. Taylor, Mansfield; B.S. (Bowling Green State University); Business Administration

Tamae Kay Thomas, Massillon; B.S.; Business Administration

John Michael Toth, Columbus; B.S. (The University of Tennessee); Business Administration

John Robert Turgone, Akron; B.S. (University of Akron); Business Administration
Master of City and Regional Planning

Gregory Mark Carr, Columbus; B.A. (Providence College); City and Regional Planning

Veena Kumari Khanna, New Delhi, India; B.A., M.A. (University of Delhi); City and Regional Planning

Stephen Gerard Leeper, Pittsburgh, Pa.; B.A. (Ohio University); City and Regional Planning

Master of Fine Arts

Dorothy Hazen Baker, Scottsville, N. Y.; B.F.A. (Eastern Michigan University); Art

Catherine Ann Bell, Cleveland Heights; B.F.A. (Bowling Green State University); Art

Melissa Anne Bohannan, Eureka, Calif.; B.A. (Humboldt State University); Art

Jerry L. Cutler, Milladore, Wis.; B.S. (University of Wisconsin); M.A. (Saint Cloud State University); Art

Bradley Clyde Keech, Columbus; B.A.; Art

Stephen Glen Nesser, Columbus; B.A.; Art

Master of Health Administration

Cathie Brodie Cline, Columbus; B.S.N.; Allied Medical Professions

Brian Michael Crimmins, Dayton; B.S.; Allied Medical Professions

Scott Evans Lawrence, Columbus; B.A. (Miami University); Allied Medical Professions

Wayne Jeffrey Miller, Granada Hills, Calif.; A.B. (Stanford University); Allied Medical Professions

Mary Elaine Schwartz, Erie, Pa.; B.S.N. (University of Pittsburgh); Allied Medical Professions

David Dean Siabodziek, St. Marys; B.S.Bus.Adm.; Allied Medical Professions

Dennis Eugene Townsend, Salt Lake City, Ut.; B.A. (University of Utah); Allied Medical Professions

Robert Mark Wolin, Hewlett, N. Y.; B.A. (University of Maryland); M.B.A.; Allied Medical Professions

Master of Humanities

Francis Ellen Rosenweig, Columbus; B.A.; Humanities

Varaporn Singkivibul, Thailand; B.A. (Chulalongkorn University); Humanities

Master of Labor and Human Resources

John Lee Barton, Asheville, N. C.; B.S. (North Carolina Agricultural and Technical State University); Labor and Human Resources

Marilyn Joy Brenner, Youngstown; B.A.; Labor and Human Resources

Jack Anthony Monda, Ashtabula; B.S.Ed.; Labor and Human Resources

Dorene Marie Morrow, Pittsburgh, Pa.; B.A. (Pittsburgh State University); Labor and Human Resources

Master of Music

Jack Forrest Boss, III, North Olmsted; B.Mus.; Music

Diane Kay Earle, Canton; B.Mus. (University of Cincinnati); Music

Ann Elisa Haertling, Columbus; B.Mus.; Music

Richard P. Holquist, Jr., Brielle, N. J.; B.Mus. (University of Delaware); M.Mus. (New England Conservatory); Music

Jean W. Keeton, Dayton; B.Mus.; (Wittenberg University); Music

Julie Loren-Wells, Vienna, W.Va.; B.Mus.; Music

Master of Public Administration

Karen Anne Bride, Cleveland; B.A. (College of Wooster); Public Administration

John Edward Fralick, Columbus; B.A.; Public Administration

Dean Leroy Myton, Columbus Station; B.A. (Capital University); Public Administration

Master of Science

Alex Kwasi Acheampong, Kumasi, Ghana; B.S. (Manchester College); Agricultural Economics and Rural Sociology

Mehmet Emin Adiguzel, Kars, Turkey; B.S., M.S. (Middle East Technical University); Engineering Mechanics

Rana Ahmad, Tehran, Iran; M.Arch. (University of Tehran); M.C.R.P.; Civil Engineering

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Linda Michele Alston, Savannah, Ga.; B.S. (Morris Brown College); Home Economics

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Arthur Paul Arnold, Fleming; B.S.; Agricultural Education

Jill Caren Armon, Columbus; B.S. (American University); Pathology

Gregory Christian Arzolini, Columbus; B.S.; Veterinary Physiology and Pharmacology

Mary Kathryn Baer, Columbus; B.S. (Juniata College); Computer and Information Science

Richard Michael Bednarski, Columbus; B.S.Agr., D.V.M.; Veterinary Clinical Sciences

Robert John Belloto, Struthers; B.S.; Pharmacy

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Stephen Lindsey Boyles, Caldwell; B.S. (Virginia Polytechnic Institute and State University); Animal Science

Cindy Kay Brenneman, Lexington; B.S.H.E.; Home Economics

Celia Marie Wood Brickell, Mountain View, Okla.; B.S. (Oklahoma State University); Agronomy

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Hussin Ali Chamandide, Lebanon; B.S. (University of Mississippi); Electrical Engineering

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David Das-Wei Chang, Taiwan, R.O.C.; B.S.E. (National Cheng-Kung University); Chemical Engineering

Hong-Tao Paul Chang, Taiwan, R.O.C.; B.S. (National Taiwan University); Electrical Engineering

I-Hsing Chang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Mathematics

Ko-Min Chang, Taipei, Taiwan, R.O.C.; B.S.E. (National Cheng-Kung University); Electrical Engineering

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Yu-An Chang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Chemistry

Ching-Yih Chen, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Civil Engineering

Chang-Ho Chen, Chungli, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); Welding Engineering

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Faried Masroor Hossain, Karachi, Pakistan; B.S. (N.E.D. University of Engineering and Technology); Electrical Engineering

Chien-ann Hou, Taiwan, R.O.C.; B.S. (National Tsing Hua University); Mechanical Engineering

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Gary Edward Katz, Euclid; B.A. (Miami University); Food Science and Nutrition

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Waldemar Richard Krolak, Brantford, Ontario; B.S.A.A.E.; Aeronautical and Astronautical Engineering
Leslie Beggmercer, Sewickley; B.S.; Electrical Engineering

Economics

Allied Medical Professions

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B.S. (University of Puerto Rico); Electrical Engineering

B.A. (University of Puerto Rico); Preclinical Medicine

B.S. (Norfolk State College); Home Economics

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B.S. (University of New Mexico); Veterinary Clinical Sciences

Marcia Dianne Roof, Bowling Green, B.S.; Animal Science

Walter K. Root, Jr., Columbus; B.S. (University of New Mexico); D.V.M. (Colorado State University); Veterinary Clinical Sciences

Paul Joseph Rupp, Cincinnati; B.S. (University of Cincinnati); Electrical Engineering

Reiko Sakai, Yoyosuka, Kanagawa, Japan; B.S. (Kitasato University); Pharmacy

Jacqueline F. Savino, Portville, N.Y.; B.S. (Cornell University); Zoology

John Edward Schechter, Columbus; B.S. (University of Cincinnati); Electrical Engineering

Randall Jay Scheer, Boonville, N.Y.; B.A. (State University of New York—Potsdam); Computer and Information Science

David Dwight Pittkin, Columbus, Ind.; B.S. (Purdue University); Dairy Science

Carlos Alonso Plaza, Bogota, Columbia; Statistician (National University of Colombia); Statistics

Alexander Roman Pokora, Clifton, N.J.; B.A. (Rutgers, The State University); Chemistry

Harold William Porginski, Jr., Portmouth; B.S.; Agricultural Economics and Rural Sociology

Linda A. Purcell, Lebanon; B.S.; Home Economics

Russell Abt Putake, Springfield, Va.; B.S. (Virginia Polytechnic Institute); Computer and Information Science

Joan Maxwell Radau, Delaware; B.S.; Allied Medical Professions

Baldev Singh Rajal, Mullanpur Garib Dass, India; B.S., M.S. (Punjabi University); Geodetic Science

Norman Gerhard Reichenbach, Columbus; B.S.; Zoology

Peggy Ruth Rescheske, Oshkosh, Wis.; B.S. (University of Wisconsin, Oshkosh); Physics

John W. Revelle, Oradell, N.J.; B.S. (Rutgers, The State University); Physiology

Steven L. Richardson, Columbus, A.B. (Columbia University); Physics

James Andrew Riddle, Cincinnati; B.S. (Wilmington College); Agricultural Economics and Rural Sociology

David B. Riedinger, Akron; B.S.; Horticulture

Cindy Lou Rigby, Hilliard; B.S.; Agricultural Education

Lawrence Michael Riley, Louisville, Ky.; B.A. (Bellarmine College); Zoology

Nacho Josué Rodríguez, Cosmo, Puerto Rico; B.S.E.E. (University of Puerto Rico); Electrical Engineering

Marcia Dianne Roof, Bowling Green; B.S.; Animal Science

Walter K. Root, Jr., Columbus; B.S. (University of New Mexico); D.V.M. (Colorado State University); Veterinary Clinical Sciences

Paul Joseph Rupp, Cincinnati; B.S. (University of Cincinnati); Electrical Engineering

Reiko Sakai, Yoyo, Kanagawa, Japan; B.S. (Kitasato University); Pharmacy

Jacqueline F. Savino, Portville, N.Y.; B.S. (Cornell University); Zoology

John Edward Schechter, Columbus; B.S. (University of Cincinnati); Electrical Engineering

Randall Jay Scheer, Boonville, N.Y.; B.A. (State University of New York—Potsdam); Computer and Information Science

65
Stephen J. Schiller, Walla Walla, Wash.; B.A. (Walla Walla College); Astronomy
Thomas Mitchell Schmidt, Elyria; B.S. (University of Michigan); Environmental Biology
Cheryl Popham Schmidtke, Tucson, Ariz.; B.S. (Indiana State University); Home Economics
Denise Quinn Schweizer, Columbus; B.S.; Food Science and Nutrition
Robert Stanley Seiple, Columbus; B.S.; Home Economics
Pali Sin, Calcutta, India; B.Sc., B.Ed. (University of Calcutta); M.Sc. (Jadavpur University); Statistics
Rebecca Lee Serey, Utica; B.A.E.; Computer and Information Science
Gregory Wayne Shaffer, Columbus; B.S.; Ceramic Engineering
Jan Keith Shearer, Columbus; B.S. (Ashland College); D.V.M.; Veterinary Preventive Medicine
Mary Feagie Sherrill, Columbia, S.C.; B.S. (Clemson University); Statistics
Kishor Siddamsetty, Andhra Pradesh, India; B.Tech. (Osmania University); Ceramic Engineering
Donna M. Smith, Kelly, N. C.; B.S. (Barber-Scotia College); Food Science and Nutrition
Stephen Allen Smith, Marietta; B.S.; Entomology
Susan Rae Smith, Convay; B.S.; Home Economics
Karen Sue Snyder, Vickers; B.S.; Agricultural Education
Cynthia Ellen Sorrell, Reisterstown, Md.; B.S. (University of Maryland); Preventive Medicine
Teodiscio Soto, Chicago, Ill.; B.S.E.E. (University of Puerto Rico); Electrical Engineering
Marie Evka Spizuzco, Montville, N.J.; B.S. (Montclair State College); Statistics
Jennifer Ann Starr, Columbus; B.A. (Georgetown University); Preventive Medicine
Marcella Jayne Stitzlein, Clementon; B.S.; Home Economics
Gheorghe Stoica, Columbus; D.V.M. (Institute of Agronomy); Veterinary Pathobiology
Dana Nathan Stone, Westbury, N.Y.; B.S. (Rochester Institute of Technology); Physiology
Jill Marie Strowquist, Durand, Ill.; B.Sc.Nur. (Valparaiso University); Nursing
Michael Leo Strzyzewski, Worthington; B.S. (University of Wisconsin—Platteville); Industrial and Systems Engineering
Kah-jing Su, Taipei, Taiwan, R.O.C.; B.S.E.E. (National Taiwan University); Electrical Engineering
Kwa-Sur Tam, Hong Kong; B.S. (Washington University); M.S.; Nuclear Engineering
Balseo Kumar Tanaka, Allahabad, India; B.Sc., M.Sc. (University of Allahabad); Statistics
Beth Tobe Tranen, Columbus, Md.; B.A. (Earlham College); Preventive Medicine
Teresa Ann Trimbach, Cincinnati; B.S. (University of Dayton); Statistics
Julia Lynn Turner, Columbus; B.S. (University of Florida); Chemistry
Okon William Udo, Uyo, Nigeria; B.A. (West Virginia State College); M.C.P.; Natural Resources
Jegak Ak Ull, Simanggang, Malaysia; B.S., Diploma (University of Agriculture); Agricultural Education
Ann Lynn VanDeWater, Columbus; D.V.M. (Purdue University); Veterinary Clinical Sciences
Linda L. Velez-Rodriguez, Ponce, Puerto Rico; B.S.C.E.I. (University of Puerto Rico); Geodetic Science
Gustav Charles Woelfl Verderber, Columbus; B.S. (Bowling Green State University); Zoology
Christopher Kidd Walker, Rock Hill, S.C.; B.S.E.E. (Clemson University); Electrical Engineering
ChinYing J. Wang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan Normal University); Statistics
Marilyn K. Parker Watters, Mt. Vernon; B.S.N. (Capital University); Nursing
Henry Theodore Wietens, Riviera Beach, Fla.; B.S. (Fairfield University); Animal Science
Eldon Dean Wightman, Sunbury; B.S.; Agricultural Education
Susan Mary Wolf, Columbus; Home Economics
Yun-Chu Wu, Taipei, Taiwan, R.O.C.; B.S. (Tunghai University); Animal Science
Gerald Roger Wyen, Minster; B.S. (University of Cincinnati); Mechanical Engineering
Veerunna Chowdary Yadagani, Palathodu, India; B.E. (Andhra University); Biomedical Engineering
Shao-Chi Yeh, Taiwan, R.O.C.; B.S. (Taiwan University); M.S. (National Chiao-Tung University); Electrical Engineering
Robert S. Yeoman, Marion; B.S. (University of Dayton); Industrial and Systems Engineering
Wirat Yinchaoen, Bangkok, Thailand; B.Eng. (Survey School); Geodetic Science
Joyce Cannon Yoakum, Upper Arlington; B.S. (Memphis State University); Home Economics
Sung Kuen Yoon, Seoul, Korea; B.S.E. (Seoul National University); Metallurgical Engineering
Lynn Robert Ziegler, Columbus; B.A. (Saint Olaf College); M.S. (Northern Illinois University); Ph.D. (University of Michigan); Computer and Information Science

Master of Social Work
Geoffrey Nathan Brown, Columbus; A.B. (University of Miami); Social Work

Certificate of Specialist in Educational Administration
Shirley Adams Behnke, Galloway; B.A., M.A.; Education
Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Patrick R. Dugan

Vice Provost for the Arts and Sciences: Thomas A. Willke

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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

Bachelor of Arts


Bachelor of Fine Arts


Bachelor of Music

Dianne Danielle Schoenfeld, Clyde

Bachelor of Art Education

Laura Bright, Columbus Kelly Jean Duniap, Cincinnati Patricia Jo Israel, Beachwood Karl Lynn Karr, Cohocton Kimberly Kay King, Cincinnati Marcelle Wilson Mutter, Springfield Cheryl Lee Zimmerman, Cuyahoga Falls

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College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Arts

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Bachelor of Science

Michael Joseph Armstrong, Cincinnati

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College of Humanities

Dean: Diether H. Haenicke

Bachelor of Arts

College of Mathematical and Physical Sciences
Dean: Colin B. B. Bull

Bachelor of Arts
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Karen Benitez, Springfield
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Trinka Ranay Jewell, Jackson
Robert James Kalal, Cleveland
David Jay Meyer, Glenwood, N. Y.
Helen Marie Digilio, Lima
Bachelor of Science
Barry H. Wright, Tenafly, N. J.
Mae Eliza Mills, Columbus
Alexander Thomas Murray, Galion
Timothy George McElligott, Galion
Robert Matthew Feeney, Columbus
Michael Herman Palmieri, North Olmsted
Pamela Andrew Frederick Moulton, Columbus
Robert Carl Layman, Toledo
Keith Everett Jackson, Tucson, Ariz.
Kim A. Randall, Shelby
Ali Mukhtar Sharef, Tripoli, Libya
Anthony Denver Sercel, Mentor on the Lake
Victor Mark Rosen, Lorain
Dean: Susan E. Alvarez,
College of Social and Behavioral Sciences
Gina Elaine Baker, Oberlin
Carol Ann Bechtel, Westerville
Donald E. Beerman, Jr., Kingston
Donna-Marie Anne Belton, Granville
Mark William Bibbee, Galaxhanna
Robert Alan Billstein, Jr., Toledo
Cynthia Danette Booker, Dayton
Deborah Darabeneck, Austintown
Brian Keith Davis, Columbus
Danny Warren Davis, Newark
Michael David Downing, Franklin
Carolyn Casper DuVall, Columbus
Karen L. Ellis, Sandusky
Ernest F. Epitropoulos, Warren
Joan M. Erwin, Columbus
George Joseph Fazzio, Jr., Blue Ash
Theodore Ray Fireman, Columbus
J. Kevin Pittsmonos, Columbus
Phyllis Jane Fletcher, Shaker Heights
Mark Alan Forman, Toledo
Katherine L. Froy, Columbus
William Scott Fultz, Sidney
Sheila Janine Garner, Columbus
Martha Ann Garrett, Columbus
Jennifer Ann Gay, Columbus
Janet Gaylord, Upper Arlington
Elizabeth R. Gischler, Reynoldsburg
Phyllis Ann Gorman, Columbus
Gaylen Grizelli, Berea
Jayne J. Habercker, Oberlin
Paula Louise Hairston, Columbus
Barbara Ann Hannah, Eldora
Jeffrey Kent Hanfstaengl, Toledo
Deborah Diane Highfield, Washington C. H.
Timothy Joseph Hiler, New Washington
Linda Ann Hill, Columbus
Nancy E. Hinney, Parma
Steven P. Hoagland, Columbus
Yul Hilliard Hollingsworth, Cleveland
D. Timothy Huey, Grandview Heights
Erie Lee Huford, Columbus
Martha Sue Hunt, Steubenville
Scott Coleman Jackson, Upper Arlington
Sharon J. Jarosz, Columbus
Ross Alan Johnson, Broadview Heights
Kathleen Marie Jones, Columbus
Stuart Tarsia, Cleveland
Evangeline D. Kalvarik, Columbus
Kimberly Theresa Karpinski, Kettering
Kasee Lue Karrer, Poland
William David Kissel, Mentor
Karen Ann Kilanowicz, Columbus
Cyndi Kaye Kiess, University Heights
Konstantinos Konstantellos, Athens, Greece
Henry W. Kraft, Jr., Pataskala
Christopher Don Krause, Bedford Heights
John Alan Lamb, Mansfield
Ellen Sue Lieb, Dayton
Barbara Lynn Lindner, Toledo
Carolyn Joan Longsworth, Gallion
Bruce Lozanoff, Delaware
Anthony E. Marchino, Canton
Ingrid Linda Mayer, Youngstown
Molly E. McGrane, Columbus
Robin Elaine McNeir, Wayneciefsburg
Denise Ann Meadows, Columbus
Mary B. Meyers, Eaton
Kelle A. Michaelski, Pepper Pike
Beverly Kathleen Miller-Garon,
Spencerville, N. Y.
Theodore Frank Murphy, Westlake
Scott R. Nagy, Brookpark
André Bernard Orro, Cincinnati
Cecil Theodore Pace, Jr., Charlottesville, Va.
Barbara Ann Behrendt, Columbus
Mark Allen Bivenour, Canton
Pamela M. Blately, Toledo
Linda Sue Bohmer, Rocky River
Sue Ann Reinhall Concl, Bexley
Jane Marie Contessa, Columbus
Pamela Elaine Evans, Cleveland
Linda J. Fisher, Westerhaus
Marcia Elaine Frisbee, Columbus
David L. Greenwald, Chesterland
Janice Sue Gumbiner, Lyndhurst

Bachelor of Science
Vctor M. Anese Mendes, Aguadilla, Puerto Rico
Pamela Sue Barnett, Kettering
Naci Ihan Begor, Urvile
Alan Brett Cring, Columbus
Robert Matthew Feeney, Columbus
Keith Everett Jackson, Tucson, Ariz.
Robert Carl Layman, Toledo
Timothy George Elligott, Galion
Linda Jane Noyes, Kettering
Michael Herman Palmieri, North Olmsted
Guillermo J. Ramon, Caracas, Venezuela
Kim A. Randall, Shelby
Steven E. Rentsch, Sylvia
Ali M. Beegallah, Garvan, Libya
Victor Mark Rosen, Lorain
Anthony Denver Sercel, Mentor on the Lake
Ali Mubarak Sharaf, Tripoli, Libya
David M. Smith, Marion
Alex P. Ugozlin, Jr., Youngstown
Terry Lee Briggs, Grand Prairie, Tex.
Holly Carr Brooks, Utica
Carion E. Jocobs, Parma
Renee Lynn Busic, Vandalia
Cathleen Marie Carey, Danville
Stacia Lewis Cable, Lakewood
Susan Clark Cook, Toledo
Bruce Lavel Cooper, Cleveland
Mary Maxine Copple, Mansfield
Christina Ann Cunningham, Columbus
Christopher P. Curran, Cleveland
John P. Elsagrief, Dublin
Deborah Daubenspeck, Austintown
Brian Keith Davis, Columbus
Denny Warren Davis, Newark
Michael David Downing, Franklin
Carolyn Casper DuVall, Columbus
Karen L. Ellis, Sandusky
Ernest F. Epitropoulos, Warren
Joan M. Erwin, Columbus
George Joseph Fazzio, Jr., Blue Ash
Theodore Ray Fireman, Columbus
J. Kevin Pittsmonos, Columbus
Phyllis Jane Fletcher, Shaker Heights
Mark Alan Forman, Toledo
Katherine L. Froy, Columbus
William Scott Fultz, Sidney
Sheila Janine Garner, Columbus
Martha Ann Garrett, Columbus
Jennifer Ann Gay, Columbus
Janet Gaylord, Upper Arlington
Elizabeth R. Gischler, Reynoldsburg
Phyllis Ann Gorman, Columbus
Gaylen Grizelli, Berea
Jayne J. Habercker, Oberlin
Paula Louise Hairston, Columbus
Barbara Ann Hannah, Eldora
Jeffrey Kent Hanfstaengl, Toledo
Deborah Diane Highfield, Washington C. H.
Timothy Joseph Hiler, New Washington
Linda Ann Hill, Columbus
Nancy E. Hinney, Parma
Steven P. Hoagland, Columbus
Yul Hilliard Hollingsworth, Cleveland
D. Timothy Huey, Grandview Heights
Erie Lee Huford, Columbus
Martha Sue Hunt, Steubenville
Scott Coleman Jackson, Upper Arlington
Sharon J. Jarosz, Columbus
Ross Alan Johnson, Broadview Heights
Kathleen Marie Jones, Columbus
Stuart Tarsia, Cleveland
Evangeline D. Kalvarik, Columbus
Kimberly Theresa Karpinski, Kettering
Kasee Lue Karrer, Poland
William David Kissel, Mentor
Karen Ann Kilanowicz, Columbus
Cyndi Kaye Kiess, University Heights
Konstantinos Konstantellos, Athens, Greece
Henry W. Kraft, Jr., Pataskala
Christopher Don Krause, Bedford Heights
John Alan Lamb, Mansfield
Ellen Sue Lieb, Dayton
Barbara Lynn Lindner, Toledo
Carolyn Joan Longsworth, Gallion
Bruce Lozanoff, Delaware
Anthony E. Marchino, Canton
Ingrid Linda Mayer, Youngstown
Molly E. McGrane, Columbus
Robin Elaine McNeir, Wayneciefsburg
Denise Ann Meadows, Columbus
Mary B. Meyers, Eaton
Kelle A. Michaelski, Pepper Pike
Beverly Kathleen Miller-Garon,
Spencerville, N. Y.
Theodore Frank Murphy, Westlake
Scott R. Nagy, Brookpark
André Bernard Orro, Cincinnati

College of Social and Behavioral Sciences
Dean: S. Earl Brown

Bachelor of Arts
Susan Elizabeth Allen, Columbus
Susan E. Alvareas, Parma Heights
Marilyn Doris Angel, Cleveland
Gina Elaine Baker, Oberlin
Edward Agnew Beach, Coshocton
Carol Ann Bechtel, Westerville
Donald E. Beerman, Jr., Kingston
Donna-Marie Anne Belton, Granville
Mark William Bibbee, Galaxhanna
Robert Alan Billstein, Jr., Toledo
Cynthia Danette Booker, Dayton
Deborah Darabeneck, Austintown
Brian Keith Davis, Columbus
Denny Warren Davis, Newark
Michael David Downing, Franklin
Carolyn Casper DuVall, Columbus
Karen L. Ellis, Sandusky
Ernest F. Epitropoulos, Warren
Joan M. Erwin, Columbus
George Joseph Fazzio, Jr., Blue Ash
Theodore Ray Fireman, Columbus
J. Kevin Pittsmonos, Columbus
Phyllis Jane Fletcher, Shaker Heights
Mark Alan Forman, Toledo
Katherine L. Froy, Columbus
William Scott Fultz, Sidney
Sheila Janine Garner, Columbus
Martha Ann Garrett, Columbus
Jennifer Ann Gay, Columbus
Janet Gaylord, Upper Arlington
Elizabeth R. Gischler, Reynoldsburg
Phyllis Ann Gorman, Columbus
Gaylen Grizelli, Berea
Jayne J. Habercker, Oberlin
Paula Louise Hairston, Columbus
Barbara Ann Hannah, Eldora
Jeffrey Kent Hanfstaengl, Toledo
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Timothy Joseph Hiler, New Washington
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Steven P. Hoagland, Columbus
Yul Hilliard Hollingsworth, Cleveland
D. Timothy Huey, Grandview Heights
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Martha Sue Hunt, Steubenville
Scott Coleman Jackson, Upper Arlington
Sharon J. Jarosz, Columbus
Ross Alan Johnson, Broadview Heights
Kathleen Marie Jones, Columbus
Stuart Tarsia, Cleveland
Evangeline D. Kalvarik, Columbus
Kimberly Theresa Karpinski, Kettering
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William David Kissel, Mentor
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Cyndi Kaye Kiess, University Heights
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John Alan Lamb, Mansfield
Ellen Sue Lieb, Dayton
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Carolyn Joan Longsworth, Gallion
Bruce Lozanoff, Delaware
Anthony E. Marchino, Canton
Ingrid Linda Mayer, Youngstown
Molly E. McGrane, Columbus
Robin Elaine McNeir, Wayneciefsburg
Denise Ann Meadows, Columbus
Mary B. Meyers, Eaton
Kelle A. Michaelski, Pepper Pike
Beverly Kathleen Miller-Garon,
Spencerville, N. Y.
Theodore Frank Murphy, Westlake
Scott R. Nagy, Brookpark
André Bernard Orro, Cincinnati

School of Journalism
Bachelor of Arts in Journalism
Barbara Ann Behrendt, Columbus
Mark Allen Bivenour, Canton
Pamela M. Blately, Toledo
Linda Sue Bohmer, Rocky River
Sue Ann Reinhall Concl, Bexley
Jane Marie Contessa, Columbus
Pamela Elaine Evans, Cleveland
Linda J. Fisher, Westerhaus
Marcia Elaine Frisbee, Columbus
David L. Greenwald, Chesterland
Janice Sue Gumbiner, Lyndhurst

Bachelor of Science
Gregory J. Bahaas, Akron
Kimberly Jane Coleman, Findlay
Keith Taylor Croickshank, Upper Arlington
Terrance L. Hart, Newark
Gordon Stanley Johnson, Dayton
Judith Lynne Colleen Keith, Lakewood
Karen Leslie Kraus, Lincolnwood, Ill.
Elisabeth Anna McCrory, Newark
Michael Frank Pabijan, Cleveland
Gary David Schott, Cincinnati
Yvonne M. Spaargaren, New Hartford, N. Y.
David Peter Vint, Waynesville
Kevin S. Wolfe, Columbus
College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Jeffrey Seth Aaron, East Meadow, N. Y.
David Donn Alsopch, Newark
Raymond Allan Apfel, Trotwood
Joan Eileen Apple, Youngstown
Joyce Elizabeth Applegate, Upper Arlington
Dante Lester Arfel, Cleveland
Douglas Allen Baker, Westerville
Janet Lynn Baker, Carroll
Karen Lorraine Baker, Newark
Michael C. Ballard, Middletown, Ky.
Randall Roy Bartelmay, Boardman
Mark Allen Beckett, Columbus
Ronald Lee Beery, Woodfield
Carla Jo Belot, Rayland
Susanne Marie Bergen, Cincinnati
Charles Anthony Bergfeld, Delphos
Hein Berbe, Columbus
Van Blanchard, II, Cincinnati
Dale Everett Blue, Marion
Thomas Lee Boss, Sidney
Kay Nan Bowman, Columbus
John Truman Brandt, Youngstown
James Edward Buecker, Elmore, N. Y.
Stacy Alan Browzis, Stamford, Conn.
Rick S. Buckingham, Marion
James Edward Burk, Springfield
Annette Marie Burrows, Middleburg Heights
Drew Allen Cashmore, Columbus
Carl Stephen Chandler, Columbus
Lee James Chaplin, Rocky River
John Nicholas Chloulo, Westerville
Michael Robert Cieslak, Steubenville
Kevin Patrick Coady, Columbus
Karen A. Colvin, Columbus

Marie Ann Constantine, Cleveland
Sharon Lynn Conle, Columbus
Crysta Carolyn Cooper, Columbus
Cynthia L. Corii, Greenville, Pa.
Jayn Louise Corral, Columbus
Jeffrey William Covert, Worthington
William Randall Cox, Springfield
Franklin James Curtis, II, St. Clairsville
Gretchen Rauch Cypher, Groveport
Alan John Dugit, Amberst
Catherine Marie Daniel, Columbus
Jeffrey Scott Davies, Mansfield
Gayle McMillan Davis, Coldwater
Sue Lynn Davis, Akron
Mark Anthony Deem, Columbus
David F. Driver, Columbus
Doreen Bernice Dutro, Reynoldsburg
Mark Alan Dye, Columbus
Richard Wayne Dye, Columbus
Shelley Gaye Eckstein, Mansfield
Martin Lawrence Ellerbrock, Leliscia
Vicki Lynn Engram, Cleveland
Anthony Joseph Eramo, Columbus
David Bruce Fahrenholz, West Alexandria
Mary Anne Faneal, Lancaster, Pa.
Grant William Feimert, Wintersville
Brian Thomas Feron, Medina
Vincent Louis Flottea, Dayton
Janet Ann Forman, Brecksville
Stephen Robert Freireich, University Heights
Susan Amy Frey, Marysville
Ronald Leigh Fritch, Prospect
Peter Martin Fubhigbriggs, Toledo
Christopher John Gaertner, South Euclid
Mario Galanos, Canton
Janet Elizabeth Gallup, Van Wert
John Griffith Gardner, Westerville
Gregory Robert Garver, Middletown
Susan Stephen Gerber, Medina
Lisa Ann Gliudini, Zanesville
Bobby Dean Gillespie, Galion
David Patrick Gillisock, North Royalton
Randy Wayne Glatz, West Alexandria
Philip Joseph Gomez, Columbus
John Pitanan Gorske, Oberlin
Michelle J. Graham, Newark
Alan Jay Groedel, Rye Town, N. Y.
Joseph P. Hahba, III, Youngstown
Gregory Lee Hall, Orrville
David Leon Halpern, Cleveland
Lisa Joy Halpert, Pepper Pike
Michael William Harold, Alliance
David Scott Hatton, Cleveland
Rick J. Hatton, Reynoldsburg
Mark Vawter Hedges, Columbus
Mark Duane Herd, Marysville
Susan Elaine Hesselng, Delphos
Clay Thompson Hibbsbran, Columbus
Michael Joseph Hinterscheid, Columbus
Kenneth James Holcomb, Columbus
Barbara Eden Horbaly, Brecksville
William Richard Huber, Columbus
Mark Richard Hunter, Mansfield
Cleve Ross Igoe, Vermilion
Karen Rose Jackson, Winchester
Deborah Ann Jedynak, Newark
Laurie J. Johnson, Mason
Raymond Taylor Johnson, Cleveland
Robert Gaylord Johnson, Zanesville
Reina Maitre Johinen, Helsinki, Finland
James Jeffrey Kantzer, Marion
Steven W. Kastenhuber, Salem
Beth Ann Keitch, Dover
Kent Baldwin Kershaw, Tipp City
Margaret Diane Kirk, Westerville
Brian Frederick Knabe, Newark
Thomas Alan Korb, Lyndhurst
Bart Douglas Krebs, Coshocton
Thomas Edward Krein, Akron
Kenneth Joseph Kunkeinm, Lima
Theodore Christie Lambirindes, Cincinnati
Frank Melvin Layman, Grove City
Horan Lee, Seoul, Korea
Cathy S. Leonard, Shelby
Bobbi Sue Levy, Chicago, Ill.
Lawrence Mark Lieberman, Princeton, N. J.
Roger Henry Lining, Columbus
Robert Farrell Lockwood, Columbus
Ryan James Lokken, Spring Valley
Scott Robert Lowrie, Rocky River
Chris William Ludwig, Columbus
 Roxann Victoria MacEwan, Cleveland Heights
Gregory Douglas Martin, Gahanna
John S. Martin, Carington
Joseph Gordon Mason, III, Ironton
Brad Martin Mathias, New Philadelphia
Jeffrey Robert McCaw, Cincinnati
Mark Allan McClain, Marion
Richard Withrow McGraw, Mansfield
Betty Louise Meichling, Columbus
Cristie Meige, Columbus
Steven Charles Meier, Columbus
Murry Jay Mercer, Worthington
Edward Joseph Mercker, Lafayette, Ind.
Ronald Joel Michel, Columbus
Shane Allan Mikovitch, Euclid
Stephen Arthur Miles, Warren
Richard James Miller, Columbus
Sanjiv Lynn Miller, Columbus
Jay F. Minkin, Canton
Stephen Garrett Minnich, Sylvania
Janice Rose Miron, Columbus
Suzanne Monett, Columbus
Michael George Monter, Acton, Mass.
Amanda Jane Montgomery, Mansfield
Tim Scott Morris, Cambridge
Timothy James Murphy, Cuyahoga Falls
Jane Lee Neeve, Marysville
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Ruth Ann Obermeyer, Huber Heights
Debra Sue Oglebee, Columbus
Richard Dan Olteen, Broadview Heights
Mark Alan Osewalt, Mansfield
Michael Clark Overly, Dayton
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Stephen Petrick, East Liverpool
Diane Lynn Pettit, Columbus
Ellen Susanne Pfefferle, Columbus
Euddy Cox Phelps, Dayton
Cheryl Elaine Phillips, Cincinnati
Tim A. Pirtle, Worthington
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Kenneth Lewis Foyar, Rome
William Randolph Rodmon, Woodfield
William Michael Rohrl, III, Westerville
Richard Robert Renack, Warren
John C. Reynolds, Shelby
Melanie Annette Rice, St. Clairsville
Bruce Hammer Iill, Dayton
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Lisa Ann Rohrer, Seville
Rhet Coning Rohrer, Brookville
Dale Arnold Bohle, Toledo

Sue Ellen Haidle, Elida
Richard Shawn Hendrix, Columbus
Scott Alan Hill, Strongsville
Cheryl Ann Horr, Pleasantville
Nancy Ann Horn, Akron
Ellen Kay Kinscher, Bellefontaine
David A. Lewis, Johnson City, Tenn.
Peter Forbes Lescoce, Columbus
William K. Makley, Columbus
David Robert Matthews, Mansfield
Sharon Lee Mielke, Strongsville
Jean L. Mox, Columbus
James M. Oatton, Garfield Heights
Laurie Anne Patt, Cleveland Heights
Denise Jane Freny, Westerville
Christine Ann Ranft, Columbus
Michael S. Ryan, Cleveland
Susan Diann Saunders, Columbus
James Allen Sherman, Sidney
Annie Louise Stankey, Perrysburg
Mary Wilburn Tinley, Lyndhurst, Va.
Sheila Suzanne Webb, Mason

Timothy Lee Kinnison, Tipp City
Margaret Diane Kirk, Westerville
Brian Frederick Knabe, Newark
Thomas Alan Korb, Lyndhurst
Bart Douglas Krebs, Coshocton
Thomas Edward Krein, Akron
Kenneth Joseph Kunkeinm, Lima
Theodore Christie Lambirindes, Cincinnati
Frank Melvin Layman, Grove City
Horan Lee, Seoul, Korea
Cathy S. Leonard, Shelby
Bobbi Sue Levy, Chicago, Ill.
Lawrence Mark Lieberman, Princeton, N. J.
Roger Henry Lining, Columbus
Robert Farrell Lockwood, Columbus
Ryan James Lokken, Spring Valley
Scott Robert Lowrie, Rocky River
Chris William Ludwig, Columbus
Roxann Victoria MacEwan, Cleveland Heights
Gregory Douglas Martin, Gahanna
John S. Martin, Carington
Joseph Gordon Mason, III, Ironton
Brad Martin Mathias, New Philadelphia
Jeffrey Robert McCaw, Cincinnati
Mark Allan McClain, Marion
Richard Withrow McGraw, Mansfield
Betty Louise Meichling, Columbus
Cristie Meige, Columbus
Steven Charles Meier, Columbus
Murry Jay Mercer, Worthington
Edward Joseph Mercker, Lafayette, Ind.
Ronald Joel Michel, Columbus
Shane Allan Mikovitch, Euclid
Stephen Arthur Miles, Warren
Richard James Miller, Columbus
Sanjiv Lynn Miller, Columbus
Jay F. Minkin, Canton
Stephen Garrett Minnich, Sylvania
Janice Rose Miron, Columbus
Suzanne Monett, Columbus
Michael George Monter, Acton, Mass.
Amanda Jane Montgomery, Mansfield
Tim Scott Morris, Cambridge
Timothy James Murphy, Cuyahoga Falls
Jane Lee Neeve, Marysville
James Scott Niese, Marion
Janet Maria Novotny, Euclid
Ruth Ann Obermeyer, Huber Heights
Debra Sue Oglebee, Columbus
Richard Dan Olteen, Broadview Heights
Mark Alan Osewalt, Mansfield
Michael Clark Overly, Dayton
George Zane Pappas, Warren
Roy Alan Peltoma, West Jefferson
Stephen Petrick, East Liverpool
Diane Lynn Pettit, Columbus
Ellen Susanne Pfefferle, Columbus
Euddy Cox Phelps, Dayton
Cheryl Elaine Phillips, Cincinnati
Tim A. Pirtle, Worthington
Ronald James Powell, Jr., Solon
Kenneth Lewis Foyar, Rome
William Randolph Rodmon, Woodfield
William Michael Rohrl, III, Westerville
Richard Robert Renack, Warren
John C. Reynolds, Shelby
Melanie Annette Rice, St. Clairsville
Bruce Hammer Iill, Dayton
LaVerne Warren Ritter, Massillon
Lisa Ann Rohrer, Seville
Rhet Coning Rohrer, Brookville
Dale Arnold Bohle, Toledo
Bachelor of Science in Labor and Human Resources

Scott Edward Baum, Akron
Nancy Wack Cavanaugh, Canfield
Steven Glen Clark, Jackson
Charles Eckhart Gayler, II, Columbus
Cynthia Harring, Powell
David P. Hewitt, North Olmstead
Lisa Lianna Schla, Fairborn
Stephanie Jane White, Cambridge
Karen Sue Wilgus, West Mansfield
Ronald Lee Zuka, Toledo

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Susan Jane Adelmann, McArthur
John William Aldrich, Doylestown
John Frederick Almuer, Bexley
Stephen Lee Baugh, Washington C.H.
Carl Ernest Bell, Logan
Holly Kay Biemler, Milan
Lesia Rae Bisley, Coldwater
Ann Elizabeth Bynner, Kent
Thomas Dean Burton, Caatstown
Pamela Jean Cole, Springfield
Richard Allan Coster, Sandusky
Douglas Jay Dawson, M. Gilead
Carlos Enrique Diaz, Caracas, Venezuela
Tracy Marie Dillabour, Columbus
Jeffrey Allen Erf, Columbus
Jean Kathryn Gilmour, Mentor
Dennis William Hall, Marysville
Terese Marie Hannigan, Parma
Thomas Philip Helmkamp, Akron
Barbara Joan Hendricks, Orient
Theresa Lynne Herron, Batavia
Jorge Emiliz Iznarry, Columbus
Edwin Dean Jackman, Ashland
Tamala Sue Jackson, Powell
Lisa Renee Johnson, Newark, Del.
Kevin Robert King, North Canton
Elissa Louise Kiem, Cincinnati
Scott David Knowles, Clayton
Brent Murbach Koch, Continental
Cynthia Marie Kosak, Orchard Park, N.Y.
Mary Theresa Myers, Cincinnati
Keith Benjamin Nicholson, Newark
William Gary Oecret, Pioneer
Tanya Marie Hoan, Massillon
Susan Kathryn Riffell, Bradford
Terry Scott, Dennison
Juliana Wilson Seelbinder, Worthington
Richard Clinton Sheridan, Carroll
Charles William Shirck, Richwood
Lawrence Anthony Smeltzer, Massillon
Linda Early Sowams, Toledo
Lisa Jean Streight, West Mansfield
John Michael Townley, Xenis
Judith Anne Trott, Columbus
Claire Roberta Turner, Vandalia
Martha Rose Wamb Vandagbyurgh, Richmond Heights

Bachelor of Science in Food Science

Jeffrey Alan Nichols, Findlay

Bachelor of Science in Food Technology

Robert William Wernke, Loveland

Bachelor of Science in Nutrition

John Robert Fortener, Kettering

School of Home Economics

Bachelor of Science in Home Economics

Sharon Lynn Agin, Beachwood
Michelle Marie Brown, North Canton
Patricia Sue Butler, Cincinnati
Beth Ann Castetter, Terrace Park
Marie Guglielmo Chihli, Columbus
Barbara J. Conroy, Canfield
Terresa Jane Cossey, Wilmot
Julianne Ryder, Columbus
Susan Lynn Evans, Manchester
Judy Ann Ferguson, Waverly
Cynthia Allison Gardier, Columbus
Melissa Marie Gatwood, Zanesville
Jean Marie Gauthier, C.N.
Renee F. Grinn, Ironon
Hajah Noorani Hamza, Malaysia
Karen Denise Hayman, Warren
Joy B. Jacobs, Youngstown
Lisa Christine Kirk, Worthington
Deborah K. McClary, Vandalia
Emily Dianne Means, Columbus
Pamela M. Mitzel, Columbus
Cindy Goody Mosesman, Columbus
Corinne Marie Moyer, Columbus
Mary Joyce F. Mxon, Pittsburgh, Pa.
Eileen G. Nieras, Mansfield
Begam Lorraine Renninger, Cincinnati
Mary Roderick, Morash City, N. C.
Beth Schaerer, Washington C.H.
Jill Schaefer, Washington C.H.
Kim Symansha Shropshire, Springfield
Frances Anne Siaman, Bay Village
Velma Rae Spitler, Jamestown
Patricia Lynn Strickland, Dayton
May Joy Tom, Columbus
Jean Marie Vecht, Columbus
Deborah Ann Wells, McCutchenville
Doniina Kay White, Columbus
Sara L. Wion, Chaliderville
Susan Mary Wolf, Columbus
Nancy Jane Young, Toledo
Marline Zilinskas, Amherst

David Eugene Welos, Ansonia
Kathleen Louise Wheatley, Connecticut
Thomas James Wilhelm, Reynoldsburg
Carl Andrew Zabloty, Chagrin Falls
George Michael Zavis, Rocky River
Bachelor of Science in Restaurant Management

Patricia Mary Angowski, Maywood, N. J. Jeffrey Paul Browe, Reynoldsburg Terri Linn Phillips, Mt. Vernon Mark Allen Thompson, Englewood

School of Natural Resources

Bachelor of Science in Natural Resources


Agricultural Technical Institute—Wooster

Associate in Applied Science


College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Frederick Joseph Burger, Defiance B.A. (University of Toledo)
Mark Norman DuPuy, Dearborn, Mich. B.S. (University of Pittsburgh)
Mark Bernard Eighan, Canfield B.S.
Bevery Joan Fann, Kettering B.S.
Jaii Isaac Fishkin, Cincinnati John Campbell Fowler, Mount Vernon B.A. (Capital University)
Kathleen Mary Greene, Zanesville B.S.
Chester Leon Layne, Piqua B.S. (Marshall University)
James Lanz Mapes, Hubbard B.A. (Miami University)
Steven Quinn Paris, Oregon B.A. (University of Toledo)
A. Wayne Quillen, Troy B.S. (Wright State University)
Michael James Sullivan, Mt. Sterling B.S.

Certificate of Graduate Dental Hygienist

Nancy Ann DeCaprio, Mayfield Heights Karen Beth Jacureci, Kettering Christine Ann Miller, North Canton Karolyn Kei Price, Centerville

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education


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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. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Daniel Leonard Bowdler, Ashスタルバリー  ジョセフ Kevin Dott, Clayton  Laura Wetsenik Fitch, Dayton  Keith Lyle Irwin, Columbus  Joseph Michael Terry, Columbus  Paul Evan Zimpflnann, Columbus

Bachelor of Science in Agricultural Engineering

Douglas Craig Nelson, Lancaster

Bachelor of Science in Ceramic Engineering

Robert R. Sickafouse, Canton

Bachelor of Science in Chemical Engineering


Bachelor of Science in Civil Engineering

Osama Mohammed Al-Faour, Columbus  Gordon Russell Baker, Shelby  Rahim Parahak Bercokab, Tabriz, Iran  Alan Scott Burnett, Cortland  Anne Hager, Dayton  Radwan Salah Ramlawi, Sidon, Lebanon  Samer Sawaf, Damascus, Syria  Timothy Allan Urwin, Independence

Bachelor of Science in Computer and Information Science

Nena Beth Goodrich Bauman, Gahanna  Michael Anthony Broderick, Columbus  William Cole Fiere, Columbus  David Robert Hamilton, IV, Ottawa  Bruce Randall Heater, Columbus  Carol Ann Heben, Cleveland  Daniel Joseph Hrousk, Columbus  Kurt Anthony Looper, Dayton  Justo Jose Lopez Elias, Columbus  Rena Sue (Henley) Hampton, Columbus

Electrical Engineer

Gregory C. Mazza, Columbus  Douglas Clair Syler, Columbus

Bachelor of Science in Electrical Engineering


Bachelor of Science in Engineering Physics

David Reed Conaghan, Lima

Industrial Engineer

Donald Blake Thornton, Columbus

Bachelor of Science in Industrial and Systems Engineering

Yu-Cheng Ai, Westerville  Carl Steven Bartels, Cincinnati  Lois A. Brunner, Middletown  Kenneth Alan Colosi, Mentor  Ernest Burton Hazlet, Jr., Columbus  William Gary Johnston, Sandusky  Amy Louise Looey, Columbus  John Theodore Warner, Worthington

Bachelor of Science in Mechanical Engineering


Bachelor of Science in Metallurgical Engineering

David Scott Brunner, Middletown  Rebecca Anne Kroisky, Concord, Mass.

Bachelor of Science in Mining Engineering

Jeffrey Allen Ash, Marietta  Robert R. Britton, Columbus  Ben Bushe, Massillon  Philip Barton Daven, Fairborn  Christopher Isaac Waits, Logan

Bachelor of Science in Welding Engineering

Frank August Lasanta, Toronto  Daniel Wayne Meyer, Mantua  David Wayne Struckman, Columbus  Daniel Tychonievich, Liverpool

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School of Architecture

Bachelor of Science in Architecture

Jacob Baraban, Tel Aviv, Israel
Marcus Jay Brewer, Columbus
Noel Lawrence Cupkovic, Parma
Robert Joseph Glesken, Gahanna
Thomas Alan Graham, Columbus
Bradley Bannon Smith, Rocky River
William Francis Speck, Newton, Pa.

Bachelor of Science in Landscape Architecture

Dale Eric Bowyer, Maineville
Robert Randall Buchanan, Olmsted Falls
Stephen Redding Burns, Troy
Stephen Michael Joos, Springfield
Sandra Kay Locie, South Vienna

College of Medicine

Dean: Manuel Tragournis, M.D.

Doctor of Medicine

Janice Gail Bowen, Columbus
B.A. (Stanford University)
Mary Thoesen Coleman, Columbus
B.S. (St. Joseph's College)
Richard Edwin Easley, Columbus
B.S. (Miami University)
B.S. (Denison University)
Clare Helen Legursky, Cincinnati
B.S. (College of Mt. Saint Joseph)
Edward Jay Levine, Columbus
B.S.
Jeffrey Thomas Martin, Alliance
Mary Phillips McNamara, Columbus
B.S.
Charles Whiting Richard, III, Dayton
B.S. (Stanford University)
Joe William Sayre, Columbus
B.S.Ch.E.
David Bradley Seitzinger, Canton
B.S.
Mary Louise Shaw, Washington C. H.
B.A. (Miami University)
James H. Stafford, Dayton
B.A. (Miami University)
Stephen Lewis Strobel, Columbus
B.S.
Michael Francis Zorko, Olmsted Falls
B.S. (University of Akron)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Shirley Ann Chronik Block, Albion, Pa.
Charles Albert Dietz, Jr., Kenton
Jerry Dean Franck, Tipp City
Duane Louis Fuerst, Delphos
Michael Dean Glamo, Philadelphia, Pa.
Christine Ann Mickley Pitts, Danville
Barbara Rowe Strain, Columbus
William Dane Weeks, Kettering

Certificate of Nurse Anesthetist

Tanara Ann Elliott, Columbus
B.S. Nursing

School of Nursing

Bachelor of Science in Nursing

C. Lynn Abers, Bay Village
Theresa Ann Baldassarre, Wellington
Helene Ingrid Basehart, Columbus
Janice Marie Bis, North Olmsted
Kay Lee Brenning, Springfield
Linda Carol Dotson, Columbus
Jane Marie Ervin, Jackson
Susan Diane Evans, Dayton
Virginia Mary Fruinger, Cleveland
Marjorie Goodl Grason, Union Grove, Wis.
Becky Ann Griner, Gibsonburg
Monica Barbara Hackett, Bay Village
Carolyn Regina Heimiller, Columbus
Andrew Joseph Homa, Willoughby
Charles Joseph Hott, Bexley
Lynne Hunt, Athens
Marjorie Gould Geason, Union Grove, Wis.
Duane Louis Fuerst, Delphos

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Steven Robert Berner, Kettering
Carol Lynn Cunningham, Mt. Gilead
Emil Denteville, Columbus
Jane Mary Edakowski, Tiltonsville
Kevin Raymond Fearon, Cuyahoga Falls
Evelyn Kay Hansen, Gahanna
B.S. (Salisbury State College)

John Hess, Elyria
Garry Dean Holton, Trenton
Joy Egboinmona Moneme, Columbus
James Michael Rice, Wheelersburg
Barbara Stone Schaad, Mansfield
Carole Ann Slenczak, Middleburg Heights
Jeffrey Daniel Smich, Parma
Larry Dean Towning, Zanesville
Karen Sue Trinkle, Cincinnati
B.S.
Chriseanne Webster, Utica
Philip Jeffrey Weinzettel, Columbus
B.S.; M.S. (Texas A & M University)

Douglas Allen Witternauer, Poland

College of Social Work

Dean: Robert W. Washington

Bachelor of Science in Social Welfare

Timothy Ayers, Columbus
Sharon Kimberly Baine, Chillicothe
Patricia Ann Brown, Grove City
Joyce Ann Danglade, Madison, Ind.
Suzan H. Greene, Mayfield Heights
Jo Ann Landen, Columbus
Yuk-Hi Patrick Leung, Columbus
Linda Patricia Malone, Columbus
Gail Anne Rindfleisch, Worthington
Geoffrey Summers, Columbus
Jemma Dean Wise, Columbus

College of Optometry

Dean: Frederick W. Hobbard

Doctor of Optometry

Cheri Jenne Glaus, Mogadore
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 Accounting**
Michael Paul Stanko

**With Distinction in Agricultural Education**
Leisa Rae Boley
Dennis William Hall

**With Distinction in Anthropology**
Nancy Lynn Peters

**With Distinction in Computer and Information Science**
Nena Beth Goodrich Bauman

**With Distinction in Home Management and Housing**
Beth Schaeper

**With Distinction in Horticulture**
Jeffrey Allen Erf

**With Distinction in Programming for the Severely Delayed**
Theodore Roy Fireman

**With Honors in the Liberal Arts**
Bruce Allen Johnson
Elizabeth Anna McCrory

**Cum Laude**
Rhonda McMillen Aller
Barbara Ann Behrendt
Van Blanchard, II
William Herbert Boggs
Naci Ihsan Bozkir
Maxjorie Bennett Bray
Sue Ann Reulbach Cenci
Chi Hou Chan
Mary Thoesen Coleman
Mary Maclay Copenhaver

Pamela Jean Corle
Cynthia Louise Deuling
Shelley Gaye Eckstein
Wendy Sue Finch
Robert Charles Foti
Virginia Mary Fuhringer
Jean Kathryn Gillmore
Gayle Toth Hall
Barbara Joan Hendricks
Linda Sue Heyman
Kimberly Jo Kellogg
David A. Lewis
Ellen Sue Lieb
David Wayne Meyer
Mark Andrew Miller
Amanda Jane Moor
Susan Lee Nybelt
Laurie Anne Patt
Julie Marie Price
William Michael Rehl, III
Richard Robert Resatska
Kathryn Ann Rickard
Sharon Depinet Rose
Thomas Roy Russell
Edward C. Schmitt
Robert Allen Seekely, II
Timothy Kent Smith
Mary Willburn Tinsley
Colin M. Talcroft
Theresa D. Woodward
Carmine R. Zarlenga

**Cum Laude with Distinction in Agricultural Education and Horticulture**
Tracy Marie DiSabato

**Cum Laude with Distinction in Family Relations and Human Development**
Susan Mary Wolf

**Cum Laude with Distinction in Home Management and Housing**
Jill Schaeper

**Cum Laude with Honors in the Liberal Arts**
Jeffrey Kent Hasenfratz
Christine Ethel Johnson-Pappas

**Summa Cum Laude**
Ronald Lee Beery
Stacy Alan Brevitz
Martin Lawrence Ellerbrook
Susan Amy Frey
Ronald Leigh Fritch
Janet Elizabeth Gallup
Matthew Werner Ganz
Thomas Alan Graham
Patti Jo Samo Knaessner
Cathy S. Leonardt
Pamela Ann Parente
Marilyn Lee Pollock
Mitchell R. Staffma
Stephen Lewis Strobel
Amy Lap-Kwan Wong
Cheryl Lee Zimmerman

**Summa Cum Laude with Distinction in Family Relations and Human Development**
Cindy Coody Moseman

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The Board of Trustees met at its regular monthly meeting on Friday, September 4, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
September 4, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 82-17

Synopsis: Resolutions honoring the service of four of this 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. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Robert O. Chadeayne

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 19, 1981, of Robert O. Chadeayne, Associate Professor Emeritus in the College of the Arts.

Professor Chadeayne joined the faculty of The Ohio State University in 1943, and served as a painting instructor until his retirement in October, 1963. He began his teaching career at Quiassaic Hall, Newburgh, New York, and then became head of the drawing and painting department of the Columbus Art School in 1927, a position he held until 1943. During part of this period he was dean of the Columbus Art School.

In addition to his University activities, Professor Chadeayne taught children's art classes and organized and taught private classes for business and professional men, as well as for women members of The Columbus Gallery of Fine Arts. He continued to paint and exhibited his work professionally in national exhibitions, including the Corcoran-Biennial, Washington, D. C.; the National Academy of Design; the Art Institute of Chicago Annual; the Peabody Institute; and others. He held numerous one-man exhibitions. He was awarded the Norman Waite Harris medal at the Art Institute of Chicago, the John Lambert Purchase prize at the Pennsylvania Academy of Fine Arts, the Franz Huntington prize, the Schumacker purchase prize, and eight other first prizes in the Columbus Art League. He also received a medal for "Contribution to the World of Art" at the Hall of Science and Art, World's Fair, New York City.
September 4, 1981 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert O. Chadeayne (contd)

Professor Chadeayne's work is represented in numerous collections, including the permanent collection of the Pennsylvania Academy of Fine Arts; The Columbus Gallery of Fine Arts; Capital University; the Dr. E. G. Stillman private collection (New York City); the permanent collection of the Canton Art Institute, Canton, Ohio; and many others.

Since coming to Columbus in 1927, Professor Chadeayne was a member of the Columbus Art League and held numerous executive positions in the League, including that of president.

Professor Chadeayne was born in Cornwall, Orange County, New York, December 13, 1897, and he received his early education in Cornwall High School, Colgate University, and the Art Students' League, New York City.

On behalf of the University, the Board of Trustees wishes to express to his 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 a humble expression of the Board's heartfelt sympathy in its bereavement.

Mary Alice Diehl

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 15, 1981, of Mary Alice Diehl, Instructor Emeritus in the Cooperative Extension Service.

Mrs. Diehl was born in Hinton, West Virginia. She attended Wittenberg University and The Ohio State University receiving a Bachelor of Science in Home Economics degree.

Mrs. Diehl was a home economics education teacher in Harlan, Indiana; Magnetic Springs, Ohio; and Grove City, Ohio. She later served as a home service director for Ohio Edison.

She was a home economics teacher at Raymond, Ohio, before joining the Ohio Cooperative Extension Service as a home demonstration agent in 1946. Mrs. Diehl served in this position in Union County until her retirement on December 31, 1961.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Diehl 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.

Dan J. Eustice

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 5, 1981, of Dan J. Eustice, Associate Professor in the Department of Mathematics.
RESOLUTIONS IN MEMORIAM (contd)

Dan J. Eustice (contd)

Professor Eustice was born in Detroit, Michigan, on May 3, 1931. He attended Mankato State College from September 1949 to June 1953 at which time he received the B.A. degree in science and mathematics. From September 1953 to June 1955, he was a half-time teaching assistant in the Department of Mathematics at Purdue University and received the M.S. degree in mathematics from Purdue at the end of this period. From June 1955 to September 1957, Professor Eustice was employed by the National Aeronautics and Space Administration agency in Cleveland, Ohio. In September of 1957, he returned to Purdue University and received his Ph.D. degree there in January 1960. He resumed his position as Research Engineer at N.A.S.A. in Cleveland and continued there until September 1961 when he joined the faculty at the University of Illinois. In September of 1966, he became a faculty member of the Department of Mathematics at The Ohio State University as an Assistant Professor and was promoted to the rank of Associate Professor in September 1968.

Professor Eustice was a member of the American Mathematical Society and served as problem editor for Mathematics Magazine for several years. He had a credible record of publication in the area of orthogonal series. His strong commitment to gifted undergraduates was manifest by his dedicated service on the Honors Committee and by the outstanding effort he made in preparing students for national competitions in mathematics.

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.

Leland D. Schuler

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 1, 1981, of Leland D. Schuler, Assistant Professor Emeritus in the Cooperative Extension Service.

Mr. Schuler was County Extension Agent, Agriculture, in Geauga County from 1951 until his retirement in 1974. He had previously been an Associate County Extension Agent in Lorain County from 1947 until 1951.

Mr. Schuler was born on a farm near Coshocton, Ohio, on April 28, 1918. After graduating from Clark High School, Clark, Ohio, in 1935, he earned two degrees in agriculture from The Ohio State University—Bachelor of Science in Agriculture in 1939 and Master of Science in 1960.

He was a vocational agriculture instructor in the Nashville and Big Prairie Schools from 1939 to 1941. He then moved to Millersburg to a similar position. After a three-year tour of duty in the U. S. Army Air Force, he became a vocational agriculture instructor in the Hopewell-Loudon and Jackson-Liberty Schools in 1946 and 1947.
RESOLUTIONS IN MEMORIAM (contd)

Leland D. Schuler (contd)

Leland Schuler made several outstanding contributions to Geauga County. He took the leadership in assisting area farmers in both the production and marketing of quality maple syrup. Through his help, Geauga County maple syrup became nationally known.

Mr. Schuler gave leadership to the organization of an area feeder pig production and marketing program. This has been of real value to the area, particularly among the Amish.

Mr. Schuler worked with the county dairy industry to develop programs in dairy herd improvement and in milk marketing and consumer education. He also worked with the 4-H program in Geauga County and was one of the extension faculty responsible for securing and developing 4-H Camp Whitewood, used annually by thousands of young people.

Mr. Schuler served as president of the OSU alumni in Geauga County, chairman of Northeast Ohio 4-H Camps, Inc., chairman of Geauga County Maple Festival and associate director of National Maple Syrup Council, and was a charter member of Geauga County Planning Commission. He served on the Natural Resources Task Force Committee on the OSU College of Agriculture and the Kent State University Center advisory board in 1969 and 1970.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Schuler 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 they, the University and his many friends and associates have sustained.

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ADMISSION TO THE OHIO STATE UNIVERSITY, EFFECTIVE AUTUMN QUARTER 1983

Resolution No. 82-18

Synopsis: Approval is requested to announce that it is the intention of The Ohio State University that effective Autumn Quarter 1983 unconditional admission of new freshmen to the University will be granted only upon completion of a college preparatory high school curriculum as defined by the State Board of Education.

WHEREAS The Ohio State University has worked and will continue to work actively toward improving the quality of college preparatory instruction in the high schools in the State of Ohio; and

WHEREAS the Advisory Commission on Articulation Between Secondary Education and Colleges of the Ohio Board of Regents and the State Board of Education has recommended that completion of a college preparatory high school curriculum be necessary for unconditional admission to Ohio’s four-year colleges and universities; and
September 4, 1981 meeting, Board of Trustees

ADMISSION TO THE OHIO STATE UNIVERSITY,
EFFECTIVE AUTUMN QUARTER 1983 (contd)

WHEREAS it is the mission of The Ohio State University to provide instruction which is beyond the secondary level; and

WHEREAS The Ohio State University has a strong commitment to improving the level of understanding of college expectations and to meeting the educational needs of minorities, women and the educationally disadvantaged; and

WHEREAS the Ohio Revised Code requires at least a two-year notice of any change of admission policy to State-assisted colleges or universities; and

WHEREAS it is the intention of The Ohio State University to use the two-year period of notice to communicate with the high schools and students who may be affected by this resolution:

NOW THEREFORE

BE IT RESOLVED, That an announcement be distributed to the high schools and citizenry of the State of Ohio that it is the intention of The Ohio State University that effective Autumn Quarter 1983 admission of new freshmen to The Ohio State University will be on a conditional or unconditional basis, dependent upon completion of a college preparatory high school curriculum.

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

Mr. Smith:

We discussed this and I think we discussed two items in the RESOLVED—one is the question of legality which we have determined and the other one was the effective date in that there are juniors who have already set their school schedules and commenced classes already that would be affected by this. Maybe starting the policy effective in '84 would be a way out—fairest to those students.

Provost Reynolds:

Could I offer, perhaps, the substitute wording, Mr. Smith, of 'effective no sooner than Autumn Quarter 1983'? Essentially the time is enabling time as we discussed this morning. There are many aspects of this that we need to study, work with guidance counselors, etc., across the state; but we need Board action on it in order to begin working on it which is the situation that we are in, so if we switch that to 'no earlier than Autumn Quarter 1983,' it would leave us with that opening—would that be accepted?

Mr. Smith:

This is '81. I am thinking of the junior who is in a course right now who may intend, for example, to be a vocational education teacher—for some reason he is going to take straight vocational education. I just happen to have gone through school with a student who did that and is now in vocational education and he
September 4, 1981 meeting, Board of Trustees

ADMISSION TO THE OHIO STATE UNIVERSITY,
EFFECTIVE AUTUMN QUARTER 1983 (contd)

Mr. Smith: (contd)

surprised all of us, he went into a vocational education class. And I’m just think-
ing of juniors who have made decisions like that for one reason or another and set
their schedules this year, and when they come here to be admitted in '83, they
may not have taken some of the required courses.

Provost Reynolds: But, of course, they would still be admitted.

Mr. Smith:

They would be admitted maybe. I say maybe because I think you are going to
have two classifications conditional--those who have no conditions and those
who have conditional, and I would think that you would take those who first had
no conditions attached to admittance, or is that wrong?

Provost Reynolds:

I look upon this as being two things--it is enabling. It quickly allows us to admit
the student who has had the college preparatory curriculum. In a sense it is a
reward for it. We hasten by those. It then groups the students who have not,
and those we will devote a great deal of time and effort to. We do presently in
attempting to assess at what level they are so we may best handle them at Ohio
State. And by the same token, I believe this would give a message to high school
youngsters, their parents and their schools and we have agreed on that this morn-
ing that is very desirable.

Mr. Smith: But for some students though.

Provost Reynolds:

That’s why I would suggest that to say no--the only reason that the Autumn
Quarter '83 is picked and that we felt the need to bring it in at this time is that
it has to be at least two years. There is nothing to say it can’t be more than two
years.

Mr. Devenow:

Do you want to qualify that, Warren, by saying two years or some revised period
subject to Board action?

Mr. Smith: All I want is assurance that some junior . . .

Mr. Devenow: I understand.

Mr. Smith:

. . . will not fall into a trap. Ann is telling me that will not happen and that
he is not going to be told, 'Well, you should have that; I didn’t know that'--I have
no quarrel if that is so. I do have problems with the legality of this, though, and I
think we should pass on the condition that it is approved by the Attorney General.
September 4, 1981 meeting, Board of Trustees

ADMISSION TO THE OHIO STATE UNIVERSITY,
EFFECTIVE AUTUMN QUARTER 1983 (contd)

Provost Reynolds: And you and I discussed that and we will work on that.

Mr. Devenow: Did you amend the motion so that--

Provost Reynolds: I have no right to amend the motion.

Mr. Devenow: Who amended the motion?

Mr. Immke: I think we added, subject to the approval of the Attorney General.

Mr. Devenow:

We did amend it at the Fiscal Affairs Committee this morning subject to Attorney General ruling; okay. With that will you accept?

Mr. Smith: Yes.

The Board indicated approval with an affirmative vote.

--o--

PERSONNEL ACTIONS

President Jennings requested Provost Reynolds to present the first personnel action.

Provost Reynolds:

It is my pleasure and privilege to add something to the very first personnel action which is the recommendation that Dr. Edward H. Jennings be appointed to the title of Professor in the Department of Finance in the College of Administrative Sciences. And to that end I would just like to read a brief statement from Dean Davidson, College of Administrative Science: ‘Based on my review and the recommendations of the Faculty of Finance and the College of Administrative Science Personnel Committee, I am pleased to recommend award of tenure and the rank of full professor for Dr. Edward H. Jennings.’

Name: EDWARD H. JENNINGS
Title: Professor
Academic Faculty: Finance
Salary: No Salary
Effective: September 1, 1981
Present Position: President, The Ohio State University

Upon motion of Mr. Galbreath, seconded by Dr. Jacob, the foregoing recommendation was approved by unanimous roll call vote.
September 4, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, 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 July 10, 1981 meeting of the Board, including the following Appointments, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Salary</th>
<th>Effective</th>
<th>Present Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICHAEL E. WHITCOMB</td>
<td>Associate Dean for Clinical Affairs, College of Medicine, and Medical Director, The Ohio State University Hospitals</td>
<td></td>
<td>$48,000.00 (12-month)</td>
<td>July 6, 1981</td>
<td>Professor, Department of Medicine, and Assistant Medical Director, The Ohio State University Hospitals</td>
</tr>
<tr>
<td>FIRMAN HEWITT BROWN, JR.</td>
<td>Professor and Chairman</td>
<td>Theatre</td>
<td>$48,000.00 (12-month)</td>
<td>July 1, 1981</td>
<td>Professor and Chairman, Theatre Arts, Director of Annie Russell Theatre, Rollins College, Winter Park, Florida</td>
</tr>
<tr>
<td>THOMAS EDWARD MORIN</td>
<td>Professor and Chairman</td>
<td>Art</td>
<td>$46,560.00 (12-month)</td>
<td>July 1, 1981</td>
<td>Professor and Head, Department of Art, University of Akron, Akron, Ohio</td>
</tr>
<tr>
<td>SHARON V. REDICK</td>
<td>Associate Professor and Chairman</td>
<td>Home Economics Education</td>
<td>$36,000.00 (12-month)</td>
<td>July 1, 1981</td>
<td>Associate Professor, Department of Home Economics Education, West Virginia University</td>
</tr>
</tbody>
</table>
September 4, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

<table>
<thead>
<tr>
<th>Name:</th>
<th>JERROLD RICHARD VOSS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Professor and Director</td>
</tr>
<tr>
<td>School:</td>
<td>Architecture</td>
</tr>
<tr>
<td>Salary:</td>
<td>$52,560.00 (12-month)</td>
</tr>
<tr>
<td>Effective:</td>
<td>August 10, 1981</td>
</tr>
<tr>
<td>Present Position:</td>
<td>Professor, Department of City and Regional Planning, The Ohio State University</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>GERALD P. BRIERLEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Professor and Acting Chairman</td>
</tr>
<tr>
<td>Department:</td>
<td>Physiological Chemistry</td>
</tr>
<tr>
<td>Salary:</td>
<td>$48,000.00 (12-month)</td>
</tr>
<tr>
<td>Effective:</td>
<td>July 1, 1981</td>
</tr>
<tr>
<td>Present Position:</td>
<td>Professor, Department of Physiological Chemistry, The Ohio State University</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>JAMES SARGENT KING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Professor and Acting Chairman (70 per cent)</td>
</tr>
<tr>
<td>Department:</td>
<td>Anatomy</td>
</tr>
<tr>
<td>Salary:</td>
<td>$32,592.00 (12-month)</td>
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<tr>
<td>Effective:</td>
<td>July 1, 1981</td>
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<tr>
<td>Present Position:</td>
<td>Professor, Departments of Anatomy and Surgery, The Ohio State University</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>WARREN L. ROLLER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Professor and Acting Chairman (15 per cent)</td>
</tr>
<tr>
<td>Department:</td>
<td>Agricultural Engineering</td>
</tr>
<tr>
<td>Salary:</td>
<td>$6,786.00 (12-month)</td>
</tr>
<tr>
<td>Effective:</td>
<td>July 1, 1981</td>
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<tr>
<td>Present Position:</td>
<td>Professor and Associate Chairman, Department of Agricultural Engineering, The Ohio State University and the Ohio Agricultural Research and Development Center</td>
</tr>
</tbody>
</table>

Medical Staff Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Price Houston, M.D.</td>
<td>Attending Staff</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>W. Brian O'Malley, Ph.D.</td>
<td>Associate Staff (Psychology)</td>
<td>Physical Medicine and Rehabilitation</td>
</tr>
<tr>
<td>Rebecca D. Jackson, M.D.</td>
<td>Courtesy Staff in Physical Medicine and Limited Staff in Medicine, Department of Endocrinology and Metabolism</td>
<td>Physical Medicine and Rehabilitation</td>
</tr>
<tr>
<td>John W. Walker, M.D.</td>
<td>Limited Staff in Thoracic and Cardiovascular Surgery (Fellow)</td>
<td>Surgery</td>
</tr>
</tbody>
</table>

Effective Date: Pending Issuance of Permanent Ohio License
September 4, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (contd)

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment</th>
<th>Clinical Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Date: Pending Issuance of Temporary Certificate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michael J. Torsiello, M.D.</td>
<td>Limited Staff in Plastic Surgery</td>
<td>Surgery</td>
</tr>
<tr>
<td>Effective Date: July 8, 1981</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. Patrick Jonas, M.D.</td>
<td>Transfer from Attending to Family Medicine</td>
<td></td>
</tr>
<tr>
<td>Richard Cline, M.D.</td>
<td>Limited Staff in Gastroenterology and transfer from Attending to Medicine</td>
<td></td>
</tr>
<tr>
<td>John T. Brandt, M.D.</td>
<td>Attending Staff Pathology</td>
<td></td>
</tr>
<tr>
<td>Hani Abdel-Nabi, M.D.</td>
<td>Limited Staff in Nuclear Medicine Radiology</td>
<td></td>
</tr>
<tr>
<td>Wayne K. Kinning, M.D.</td>
<td>Limited Staff in General Surgery Surgery (Vascular Fellow)</td>
<td></td>
</tr>
<tr>
<td>John Farrell Williams, M.D.</td>
<td>Courtesy Staff in Orthopaedic Surgery</td>
<td></td>
</tr>
<tr>
<td>Wilhelm A. Zuelzer, M.D.</td>
<td>Limited Staff in Orthopaedic Surgery (Fellow)</td>
<td></td>
</tr>
<tr>
<td>Daniel R. LeGrand, M.D.</td>
<td>Limited Staff in General Surgery Surgery</td>
<td></td>
</tr>
<tr>
<td>Effective Date: July 21, 1981</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maroon B. Khoury, M.D.</td>
<td>Limited Staff in Diagnostic Radiology</td>
<td></td>
</tr>
</tbody>
</table>

Leaves of Absence Without Salary

HAO CHANG, Professor, Department of History, effective January 1, 1982 through March 31, 1982, to develop a new course in East Asian religion.

JERROLD RICHARD VOSS, Professor, Department of City and Regional Planning, effective July 1, 1981 through August 9, 1981, to continue in his post as Deputy Director of Research and Development for the United Nations Center for Human Settlements.

JERRY F. DOWNHOWER, Associate Professor, Department of Zoology, effective October 1, 1981 through September 15, 1982, to continue his position with the Ecology Section of the National Science Foundation.

JOHN A. FERRARO, Associate Professor, Department of Communication, effective October 1, 1981 through September 30, 1982, for personal reasons.
PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

SHIRLEY A. WILLIAMS, Associate Professor, Department of Romance Languages and Literatures (Lima Campus), effective October 1, 1981 through March 31, 1982, to accept an invitation to participate in a NEH Resident Seminar.

LARRY RICHARD YODER, Associate Professor, Department of Botany (Marion Campus), effective October 1, 1981 through September 30, 1982, to serve as a Visiting Associate Professor and Program Director of the environmental education center at Goshen College, Goshen, Indiana.

ABDALLA HASSAN ELJACK, Assistant Professor, Department of Veterinary Anatomy, effective July 1, 1981 through July 21, 1981, and August 17, 1981 through June 30, 1982, for personal reasons.

MICHAEL L. SMITH, Assistant Professor, Academic Faculty of Finance, effective October 1, 1981 through June 30, 1982, to accept a Visiting Assistant Professorship at the University of Texas at Austin.

ALAN P. SPRAGUE, Assistant Professor, Department of Mathematics, effective October 1, 1981 through December 31, 1981, to accept a Visiting Assistant Professorship at Clemson University.

NIKKI LYNN CONKLIN, Instructor, Cooperative Extension Service, effective June 1, 1981 through September 30, 1981, for personal reasons.

Professional Improvement Leave


Emeritus Titles

LEWIS C. BRANSCOMB, University Libraries, with the title Professor Emeritus, effective September 1, 1981.

GEORGE M. CLARK, Department of Architecture, with the title Professor Emeritus, effective July 1, 1981.

M. EUGENE CRAVENS, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective September 1, 1981.

LELAND O. DREW, Department of Agricultural Engineering, with the title Professor Emeritus, effective August 1, 1981.

HERMAN J. PETERS, Academic Faculty of Special Services, with the title Professor Emeritus, effective September 1, 1981.
September 4, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

ARTHUR E. WOHLERS, Academic Faculty of Educational Administration, with the title Professor Emeritus, effective September 1, 1981.

WAYNE E. DIPNER, Department of Architecture, with the title Associate Professor Emeritus, effective July 1, 1981.

FLOYD E. HEFT, Department of Agronomy, with the title Associate Professor Emeritus, effective September 1, 1981.

HELEN G. STORER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1982.

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

---o---

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 82-20

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July 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 Office of Business and Administration of the University, 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of June and July 1981, be approved.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
September 4, 1981 meeting, Board of Trustees

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

SUMMARY FOR JUNE 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>148</td>
<td>$7,408,454.67</td>
</tr>
<tr>
<td>Engineering Experiment Station</td>
<td>52</td>
<td>$229,116.00</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td></td>
<td>$7,637,570.67</td>
</tr>
</tbody>
</table>

Establishment of Named Funds

The Bernice B. Ross Memorial Scholarship Fund for Music
(Undergraduate scholarships - School of Music) $20,000.00

The Castor Memorial Scholarship Fund
(Undergraduate scholarships - students from Wayne County attending Agricultural Technical Institute) $10,000.00

The William W. and Louisa Castor Memorial Award Fund
(Department of Geology and Mineralogy) $10,000.00

Bill Zipf 4-H Memorial Scholarship
(Undergraduate scholarships - agricultural communications or journalism) $10,000.00

Richards Farms Scholarship in Agricultural Economics and Rural Sociology
(Undergraduate scholarships in agribusiness) $7,500.00

The Tzagournis Teaching and Research Fund
(Endocrinology students' research, teaching and patient care) $5,933.32
Establishment of Named Funds (contd)

The Kalmbach Family Scholarship Fund
(Scholarships - students from
Wyandot County in the College of
Agriculture and Home Economics) $ 5,000.00

Change Name of Named Fund

From: Department of Pathology Educational
and Research Discretionary Fund
To: Baba Memorial Fellowship in
Pathology Fund

Report from Presidents Club

Members to date 4,477
1981 members: year to date 75
New members - June 1981 14

New Presidents Club Members - June 1981

Richard E. Abbruzzese  Michael J. Kirby
K. Kenney Crooks  Lawrence B. Leiby
Shawn C. Doherty  R. Jeffrey Morris
Shane D. Falleur  Renee C. Rogers (Mrs. Russell A.)
Ronald H. Fewster  Donald C. Seelman
William N. Griffin III  Nansie A. Starr (Mrs. Thomas)
Cheryl Ann Johnson  Thomas R. Sweet
(Mrs. Lawrence)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Business and Administration</td>
<td>8</td>
<td>$2,798,508.11</td>
</tr>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>65</td>
<td>4,447,400.65</td>
</tr>
<tr>
<td>Engineering Experiment Station</td>
<td>27</td>
<td>245,375.40</td>
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<tr>
<td></td>
<td></td>
<td>$7,491,284.16</td>
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</tbody>
</table>

The Ohio State University Development Fund

Establishment of Named Funds

The Warner M. and Lora Kays Pomerene
College of Medicine Research Fund
(College of Medicine)

$ 60,223.78

The Samuel Freifield Endowed
Scholarship Fund in Law
(College of Law)

$ 10,000.00

The C. B. and Ardis H. Stewart
Scholarship Fund
(Scholarships - Wood County Residents)

$ 7,000.00

Change Name of Named Fund

From: Wood County Scholarship Fund
To: The William G. Cronenwett Memorial
    Scholarship of Wood County

Report from Presidents Club

Members to date 4,489
1981 members: year to date 91
New members - July 1981 16

New Presidents Club Members - July 1981

Walter B. Barbe  Stephen D. Righter
Frederick G. Collar  Thor R. Rubin
George F. Erwin  Sheldon G. Shore
John E. Gregory  Raymond J. Siegrist
Edward J. Harris  Maureen C. Sturtz (Mrs. Laurence E.)
Raul A. Hernandez  Joseph E. Sudduth
Milton P. Kalmbach  Thomas T. Taggart
Sallie Ondrey (Mrs. Joseph D.)  Mary E. Weaver (Mrs. Earl)
September 4, 1981 meeting, Board of Trustees

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

FOURTH QUARTER SUMMARY
April 1, 1981 through June 30, 1981

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FEDERAL</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Aeronautics and Space Administration</td>
<td>10</td>
<td>$428,484.00</td>
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<tr>
<td>National Science Foundation</td>
<td>44</td>
<td>2,210,683.00</td>
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<tr>
<td>Department of Defense</td>
<td>18</td>
<td>812,234.00</td>
</tr>
<tr>
<td>Department of Energy</td>
<td>10</td>
<td>1,306,710.00</td>
</tr>
<tr>
<td>Department of Education</td>
<td>12</td>
<td>1,093,665.49</td>
</tr>
<tr>
<td>Department of Health and Human Services</td>
<td>69</td>
<td>4,919,309.00</td>
</tr>
<tr>
<td>Other Federal</td>
<td>25</td>
<td>1,324,755.00</td>
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<tr>
<td><strong>TOTAL - FEDERAL</strong></td>
<td>188</td>
<td>$12,095,840.49</td>
</tr>
<tr>
<td><strong>STATE OF OHIO</strong></td>
<td>13</td>
<td>$378,665.08</td>
</tr>
<tr>
<td><strong>INDUSTRIAL, PRIVATE, AND OTHER</strong></td>
<td></td>
<td></td>
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<tr>
<td>NON-FEDERAL SPONSORS</td>
<td>75</td>
<td>$2,014,924.63</td>
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<tr>
<td><strong>GRAND TOTAL</strong></td>
<td>276</td>
<td>$14,489,430.20</td>
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</table>
FOURTH QUARTER SUMMARY
April 1, 1981 through June 30, 1981

ENGINEERING EXPERIMENT STATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEDERAL</td>
<td>1</td>
<td>$2,500.00</td>
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<tr>
<td>STATE OF OHIO</td>
<td>2</td>
<td>$65,365.00</td>
</tr>
<tr>
<td>INDUSTRIAL AND OTHER</td>
<td>125</td>
<td>$534,539.00</td>
</tr>
<tr>
<td>GRAND TOTAL</td>
<td>128</td>
<td>$602,404.00</td>
</tr>
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</table>
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$831,185.00</td>
<td>Department of Health and Human Services, Public Health Service, Bureau of Community Health Services, Maternal and Child Health, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1981 through 30 June 1982. (Project 761169 - Continuation)</td>
</tr>
<tr>
<td>$178,267.00</td>
<td>National Science Foundation, Washington, D. C., Dynamics of the Southern Portion of the Greenland Ice Sheet, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), Institute of Polar Studies (J. F. Bolzan), Department of Mathematics (R. E. Ewing), and Department of Geodetic Science (I. I. Mueller), 1 May 1981 through 31 May 1982. (Project 762103 - Continuation)</td>
</tr>
<tr>
<td>$132,517.00</td>
<td>Department of Education, Office of Special Education, Grant and Procurement Management Division, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1981 through 30 June 1982. (Project 761774 - Continuation)</td>
</tr>
<tr>
<td>$127,545.00</td>
<td>Department of Education, Grant and Procurement Management Division, Washington, D. C., Teacher Training Project Leading to a B.S. and M.A. Degree in Elementary Education with Specialty in Bilingual Education, Marion Campus and Academic Faculty of Early and Middle Childhood Education (V. G. Allen), 1 September 1981 through 31 August 1982. (Project 762401 - Continuation)</td>
</tr>
<tr>
<td>$126,214.00</td>
<td>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 1981 through 30 June 1982. (Project 762797 - Continuation)</td>
</tr>
<tr>
<td>$125,000.00</td>
<td>Department of the Navy, Naval Training Equipment Center, Orlando, Florida, OSU/Microcode Development for CIG, Department of Art Education (C. A. Csuri) and Department of Computer and Information Science (F. C. Crow), 29 June 1981 through 28 June 1983. (Project 762746 - New)</td>
</tr>
</tbody>
</table>
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$120,922.00 - 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 1981 through 30 June 1982. (Project 761229 - Continuation)

$117,549.00 - 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 1981 through 30 June 1982. (Project 761160 - Continuation)

$117,319.00 - Department of Education, Grant and Procurement Management Division, Washington, D. C., Institute for Effective Integrated Education, Academic Faculty of Educational Foundations and Research (W. Wayson), 1 July 1981 through 30 June 1982. (Project 762726 - New)

$110,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute Allotment Program, Engineering Experiment Station (C. Konya), 1 July 1981 through 30 June 1982. (Project 762694 - New)

$104,409.00 - 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), 1 May 1981 through 30 April 1982. (Project 761128 - Continuation)

$104,300.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1981 through 31 July 1982. (Project 761799 - Continuation)

$100,745.00 - 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 M. D. Keller) and Cancer Research Center (N. A. Reiches), 1 July 1981 through 30 June 1982. (Project 762748 - New)

$99,880.00 - National Science Foundation, Washington, D. C., Hormonal Regulation of Root Growth, Department of Botany (M. L. Evans), 15 June 1981 through 31 May 1983. (Project 762721 - Continuation)
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$93,590.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Chemistry and Pharmacology of Thalictrum Constituents, College of Pharmacy (J. L. Beal), 1 July 1981 through 30 June 1982. (Project 761497 - Continuation)

$84,755.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Development Grant, School of Nursing (J. S. Stevenson), 1 July 1981 through 30 June 1982. (Project 761747 - Continuation)


$80,441.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Predoctoral Training in Medicinal Chemistry, College of Pharmacy (D. T. Witiak), 1 July 1981 through 30 June 1982. (Project 761123 - Continuation)

$79,996.00 - 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), 1 August 1981 through 30 July 1982. (Project 761795 - Continuation)

$77,467.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry (K. E. Richardson), 1 June 1981 through 31 May 1982. (Project 762720 - Continuation)

$76,119.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Animal Leukemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 September 1981 through 31 August 1982. (Project 760928 - Continuation)

$74,643.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Protein Stability and Aging in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 July 1981 through 30 June 1982. (Project 761724 - Continuation)
Federal Research Contracts/Grants (contd)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Funding Agency</th>
<th>Description</th>
<th>Principal Investigator(s)</th>
<th>Start Date</th>
<th>End Date</th>
<th>Project No.</th>
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<tr>
<td>$72,128.00</td>
<td>National Science Foundation, Washington, D. C.</td>
<td>Syntheses and Studies of Selected Metal Carbonyl and Metalloborane Cluster Systems, Department of Chemistry (S. G. Shore), 1 September 1981 through 31 August 1982.</td>
<td>(Project 761767 - Continuation)</td>
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<td>$71,730.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Patient Data System, Cancer Research Center and Department of Preventive Medicine (M. D. Keller) and Cancer Research Center (N. A. Reiches), 1 July 1981 through 30 June 1982.</td>
<td>(Project 760789 - Continuation)</td>
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<td>$70,962.00</td>
<td>National Science Foundation, Washington, D. C.</td>
<td>Characterization of Abscisic Acid-Resistant Plant Cell Culture, Department of Botany (J. R. Wong), 1 July 1981 through 30 June 1983.</td>
<td>(Project 762727 - New)</td>
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<td>$69,554.00</td>
<td>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 1981 through 30 June 1982.</td>
<td>(Project 762733 - New)</td>
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<td>$68,400.00</td>
<td>Department of the Army, Natick Research and Development Command, Natick, Massachusetts, TCM Replacement, Department of Civil Engineering (O. Sproul and A. Rubin), 21 May 1981 through 21 May 1983.</td>
<td>(Project 762682 - New)</td>
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<td>$68,268.00</td>
<td>Department of Health and Human Services, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Development and Validation of an Interdisciplinary Screening Tool, Nisonger Center for Mental Retardation (W. E. Leadman and F. A. Benson), 1 October 1981 through 30 September 1982.</td>
<td>(Project 762390 - Continuation)</td>
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<td>$67,500.00</td>
<td>National Science Foundation, Washington, D. C., Rainfall Studies Using the Differential Reflectivity Radar Techniques, Department of Electrical Engineering (T. A. Seliga and V. N. Bringi), 1 June 1981 through 31 August 1981.</td>
<td>(Project 762445 - Continuation)</td>
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<td>$66,858.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines, and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1981 through 30 June 1982.</td>
<td>(Project 761210 - Continuation)</td>
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September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$65,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Advanced Studies for the Geodynamics Program, Department of Geodetic Science (I. I. Mueller), 1 July 1981 through 31 January 1983. (Project 761054 - Continuation)

$64,990.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, The Effects of Atmospheric Water Vapor on Infrared Propagation, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon and R. Long), 1 June 1981 through 30 November 1981. (Project 762674 - New)

$64,000.00 - National Science Foundation, Washington, D. C., Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 1 July 1981 through 30 June 1982. (Project 762691 - Continuation)

$63,797.00 - 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 (P. W. Murdock), 27 June 1981 through 26 June 1982. (Project 762689 - New)

$62,801.00 - 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 (G. J. Cerilli), 1 July 1981 through 30 June 1982. (Project 761412 - Continuation)

$62,765.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Studies of Seminal Plasma Immune Response Inhibitor, Department of Medical Microbiology and Immunology (C. Prakash), 1 May 1981 through 30 April 1982. (Project 762167 - Continuation)

$62,184.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Cardiopulmonary Actions: Trimetoquinol Analogs, College of Pharmacy (D. D. Miller and D. R. Feller), 1 July 1981 through 30 June 1982. (Project 761574 - Continuation)

$61,215.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 July 1981 through 30 June 1982. (Project 764403 - Continuation)
$60,966.00 - 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 Preventive Medicine (W. P. Heuschele), and Department of Veterinary Pathobiology (R. Olsen and L. Nagode), 1 March 1981 through 30 September 1981. (Project 762621 - Continuation)

$59,133.00 - 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 1981 through 30 June 1982. (Project 761742 - Continuation)

$57,593.00 - 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), 1 July 1981 through 30 June 1982. (Project 761133 - Continuation)

$57,199.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Polymerized Tumor Antigen-Adjuvant Immunotherapy, Cancer Research Center (J. A. Neidhart), 1 July 1981 through 30 June 1982. (Project 761757 - Continuation)

$55,848.00 - Lawrence Berkeley Laboratory, University of California, Berkeley, California, An Electrochemical and Morphological Study of the Effect of Temperature on the Restructuring and Loss of Capacity of Alkaline Battery Electrodes, Department of Metallurgical Engineering (D. D. Macdonald), 1 July 1981 through 30 April 1982. (Project 762220 - Continuation)

$55,469.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, New Spectral Probes in Hemolytic Anemias, Department of Physiological Chemistry (J. O. Alben), 1 July 1981 through 30 June 1982. (Project 760289 - Continuation)

$53,966.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, An Interpretive Study of Plate and Shell Buckling, Department of Engineering Mechanics (A. W. Leissa), 3 June 1981 through 15 June 1982. (Project 762059 - 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)

$53,845.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Model for Medical Treatments Evaluation, Department of Statistics (E. J. Dudewicz and J. C. Hsu), 1 September 1981 through 31 August 1982. (Project 761814 - Continuation)

$50,561.00 - National Science Foundation, Washington, D. C., The Utilization of Electrochemical Reactions and Electrochemically Derived Products in Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 September 1981 through 31 August 1982. (Project 762305 - Continuation)

$50,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. G. Shore), 1 July 1981 through 28 February 1982. (Project 762695 - Continuation)

$50,000.00 - Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and D. B. Hodge), 12 March 1981 through 12 June 1981. (Project 762612 - New)

$50,000.00 - Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and D. B. Hodge), 13 June 1981 through 12 September 1981. (Project 762612 - Continuation)

$50,000.00 - National Science Foundation, Washington D. C., Paleoclimatic Ice Cored Records from the Tropical Queleccaya Ice Cap, Institute of Polar Studies (D. H. Elliot and L. G. Thompson), 1 June 1981 through 31 May 1982. (Project 762663 - New)

$49,072.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Flavoenzyme Mechanisms: Redox and Non-Redox Reactions, Department of Chemistry (M. S. Jorns), 1 July 1981 through 30 June 1982. (Project 764374 - Continuation)

$48,573.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereochemistry of Adenylyl Transfer Reactions, Department of Chemistry (M.-D. Tsai), 1 July 1981 through 30 June 1982. (Project 762722 - 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)

$45,247.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Role of Axoplasmic Transport in Diabetic Neuropathy, Department of Medicine (J. R. Mendell), 1 July 1981 through 30 June 1982. (Project 761706 - Continuation)


$42,125.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Laboratory Reconstruction of Pedestrian Accidents, Department of Mechanical Engineering (D. A. Guenther), 1 July 1981 through 30 June 1982. (Project 762688 - New)

$40,000.00 - Department of the Air Force, Headquarters, Aeronautical Systems Division (AFSC), Wright-Patterson AFB, Ohio, Data Processing of Radar Measurements, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksieniski, E. K. Walton, and R. Caldecott), 1 May 1981 through 30 September 1981. (Project 762649 - New)

$40,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Scholarship/Fellowship Grant for Mining and Mineral Resources and Research Institute, Engineering Experiment Station (C. Konya), 1 July 1981 through 30 June 1982. (Project 762747 - New)

$39,618.00 - 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 1981 through 30 June 1982. (Project 760708 - Continuation)

$39,472.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Norpace Kinetics and Bioavailability in Heart Failure, College of Pharmacy (J. J. Lima), Department of Medicine (R. Lewis), and College of Medicine - Administration (C. Leier), 1 July 1981 through 30 June 1982. (Project 762271 - Continuation)

$38,167.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Rockville, Maryland, Psychiatry (Child) Residency, Department of Psychiatry (L. E. Arnold), 1 July 1981 through 30 June 1982. (Project 761764 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$37,669.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of a Ca\(^{2+}\) Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1981 through 30 June 1982. (Project 761174 - Continuation)

$35,100.00 - National Science Foundation, Washington, D. C., Equipment for Nuclear Astrophysics Measurements, Department of Physics (R. N. Boyd), 1 July 1981 through 30 June 1982. (Project 762675 - New)

$35,000.00 - National Science Foundation, Washington, D. C., Stereochemistry of Enzyme Reactions Involving a Pro-prochiral Phosphorous Center, Department of Chemistry (M.-D. Tsai), 1 July 1981 through 30 June 1982. (Project 762698 - New)

$30,000.00 - Department of the Navy, Naval Air Station, Pensacola, Florida, Clinical Evaluation of Active Head Oscillation Test, Department of Otolaryngology (C. W. Stockwell), 5 May 1981 through 1 July 1982. (Project 762681 - New)


$25,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Investigation of Truncation Error Associated with Transonic Full Potential Equation and Optimum Redistribution of Grid Points, Department of Mechanical Engineering (S. Nakamura), 1 July 1981 through 30 June 1982. (Project 760964 - Continuation)
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$24,000.00 - National Science Foundation, Washington, D. C., Fucose Synthesis and Utilization in Mammalian Tissue, Department of Biochemistry (G. S. Serif), 1 July 1981 through 30 June 1982. (Project 762042 - Continuation)

$23,500.00 - National Science Foundation, Washington, D. C., Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 1 July 1981 through 30 June 1983. (Project 762732 - New)


$20,563.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Preleukemic Aplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover and P. W. Gasper), 15 June 1981 through 14 June 1982. (Project 762699 - New)

$19,994.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Xenon Probe Laser for Atmospheric Studies, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon and R. Nordstrom), 1 December 1980 through 30 November 1981. (Project 762346 - Continuation)

$19,600.00 - National Science Foundation, Washington, D. C., Partial Spaces of Higher Dimension: A Combinatorial Study, Department of Mathematics (A. P. Sprague), 1 July 1981 through 30 June 1983. (Project 762735 - New)

$19,530.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Three Dimensional Image Processing, Department of Electrical Engineering (H. Hemami), 1 June 1981 through 1 July 1982. (Project 762679 - New)

$16,000.00 - Department of Education, Grant and Procurement Management Division, Washington, D. C., Evaluation, Testing, and Instruction in the Uses of Teaching Materials for Interdisciplinary Undergraduate Course in "Transnational Approaches to International Studies," Center for International Studies (J. S. Adams) and Department of History (M. Waldman), 1 July 1981 through 30 June 1982. (Project 762168 - Continuation)

$15,027.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Zero Modules and Inverse System Design, Department of Mathematics (B. F. Wyman), 1 July 1981 through 30 June 1982. (Project 762131 - 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)

$14,850.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Traineeships, Graduate Health Administration Programs, School of Allied Medical Professions (S. F. Loebs), 1 July 1981 through 30 June 1982. (Project 762226 - Continuation)

$12,740.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Light Truck Side Structure Evaluation - Accident Environment, Department of Mechanical Engineering (D. A. Guenther), 1 July 1981 through 1 January 1982. (Project 762743 - New)

$12,027.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Light Truck Side Structure Evaluation - Component Tests, Department of Mechanical Engineering (D. A. Guenther), 15 June 1981 through 1 January 1982. (Project 762742 - New)

$8,610.00 - Department of Education, Office of Special Education, Grant and Procurement Management Division, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1980 through 30 June 1981. (Project 761774 - Continuation)

$8,520.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Additional Work on Propeller Aeroacoustic Methodologies - Comparisons of Propeller Performance and Acoustic Analyses with Wind Tunnel and Flight Test Measurements, Department of Aeronautical and Astronautical Engineering (G. Gregorek and K. Korkan), 12 May 1981 through 30 June 1981. (Project 761510 - Continuation)

$7,669.00 - National Science Foundation, Washington, D. C., Some Problems in Markov Processes and Potential Theory, Department of Mathematics (N. Falkner), 1 July 1981 through 30 June 1982. (Project 762692 - New)

$7,425.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Traineeships, Graduate Health Administration Programs, School of Allied Medical Professions (S. F. Loebs), 1 July 1981 through 30 June 1982. (Project 762226 - 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)

$5,584.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 October 1981 through 30 June 1982. (Project 761663 - Continuation)


$4,500.00 - Department of Health and Human Services, Public Health Service, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program, Office of Minority Affairs (R. T. McDonald), 1 March 1981 through 28 February 1982. (Project 762728 - New)

$4,500.00 - Department of Health and Human Services, Public Health Service, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program, Office of Minority Affairs (R. T. McDonald), 1 March 1981 through 28 February 1982. (Project 762729 - New)

$4,500.00 - Department of Health and Human Services, Public Health Service, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program, Office of Minority Affairs (R. T. McDonald), 1 March 1981 through 28 February 1982. (Project 762730 - New)

$4,500.00 - Department of Health and Human Services, Public Health Service, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program, Office of Minority Affairs (R. T. McDonald), 1 March 1981 through 28 February 1982. (Project 762731 - New)

$4,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Further Studies of the UV Spectra of Late-Type Stars, Department of Astronomy (R. F. Wing), 1 July 1981 through 31 May 1982. (Project 761634 - Continuation)

$1,618.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 May 1981 through 30 April 1982. (Project 761628 - 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)

$420.00 - Department of Education, Office of Education, Grant and Procurement Management Division, Washington, D. C., Vocational Technical Education Leadership Development, Graduate School - Administration (J. B. LaPidus) and Academic Faculty of Vocational-Technical Education (A. J. Miller), 1 September 1979 through 31 August 1980. (Project 761272 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $5,923,736.49

State of Ohio Research Contracts/Grants

$75,000.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Ohio Education Deans' Task Force Project, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1981 through 31 May 1982. (Project 762693 - New)

$64,487.75 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. Zuspan), 1 March 1981 through 31 December 1981. (Project 762533 - Continuation)

$49,583.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, A Statewide Assessment of the Vocational Programs Currently Offered to Handicapped Students and the Major Barriers Impeding Their More Extensive Availability, National Center for Research in Vocational Education (R. E. Taylor), 15 May 1981 through 30 October 1981. (Project 762690 - New)

$23,616.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Yellow Perch Parasite Research, Department of Zoology (J. L. Crites) and Center for Lake Erie Area Research (J. M. Reutter), 1 July 1981 through 30 June 1982. (Project 762192 - Continuation)

$17,863.33 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Infertility, Department of Obstetrics and Gynecology (M. Kim), 1 March 1981 through 31 December 1981. (Project 762534 - Continuation)

$12,594.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. Zuspan), 1 January 1981 through 28 February 1981. (Project 762744 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

$10,496.00 · The Ohio Board of Regents, Columbus, Ohio, CETA-Higher Education Linkage Program: Coordination and Research, Academic Faculty of Labor and Human Resources (M. E. Borus), 1 July 1981 through 30 September 1981. (Project 762379 · Continuation)

$3,968.00 · The Ohio Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 July 1981 through 30 September 1981. (Project 761399 · Continuation)

$3,712.00 · State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Infertility, Department of Obstetrics and Gynecology (M. Kim), 1 January 1981 through 28 February 1981. (Project 762745 · Continuation)

TOTAL · STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 261,320.08

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$179,615.00 · CPC International, Inc., Englewood Cliffs, New Jersey, Stabilization of Cloning Vectors in HV-2 Host Vector Systems of Bacillus subtilis, Department of Microbiology (D. H. Dean), 1 July 1981 through 30 June 1983. (Project 761554 · Continuation)

$147,762.00 · Boeing Aerospace Company, Seattle, Washington, MX Physical Security System, Department of Electrical Engineering, ElectroScience Laboratory (J. Young, D. Moffatt, and J. Richmond), 5 March 1981 through 14 August 1981. (Project 762606 · New)

$134,100.00 · 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 1981 through 30 June 1982. (Project 760113 · Continuation)

$58,742.00 · United Cerebral Palsy Research and Education Foundations, Inc., New York, New York, Effect of Phenobarbital on Developing Rat Brain, Department of Pharmacology (S. A. Tjioe), 1 July 1981 through 30 June 1983. (Project 761948 · Continuation)

$56,865.00 · Pennwalt Corporation, Rochester, New York, Insect Cell Culture, Department of Entomology (W. F. Hink), 1 May 1981 through 30 April 1982. (Project 762159 · Continuation)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$55,359.00 - The Aerospace Corporation, Los Angeles, California, Evaluation of Design Candidate Antenna, Department of Electrical Engineering, Electro-Science Laboratory (R. C. Rudduck), 1 April 1981 through 30 June 1982. (Project 762637 - Continuation)

$49,738.00 - Exxon Education Foundation, New York, New York, Reflective Teaching Film, Academic Faculty of Educational Foundations and Research (D. Cruickshank), 1 July 1981 through 30 June 1982. (Project 762686 - New)

$49,215.00 - University of Minnesota, St. Paul, Minnesota, Schools and Adolescent Development, Department of Psychology (D. Blyth), 1 June 1981 through 31 December 1981. (Project 762683 - New)

$40,771.00 - Elsa U. Pardee Foundation, Midland, Michigan, Neutron Capture Therapy with Boronated Monoclonal Antibody, Department of Pathology (R. F. Barth), 1 June 1981 through 31 May 1982. (Project 762734 - New)

$38,298.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, Florida, Develop and Apply GTD Analytical Techniques to Study Antenna Pattern on the EF-111A A/C, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 25 May 1981 through 30 September 1981. (Project 762737 - New)


$27,390.00 - American Heart Association, Inc., Dallas, Texas, Peripheral Circulation: Neural Control in Normal and SHR Rats, Department of Physiology (J. A. Boulant), 1 September 1981 through 31 August 1982. (Project 762709 - New)

$25,080.00 - American Heart Association, Inc., Dallas, Texas, Biochemical and Structural Analysis of Cardiac Z-Line, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1981 through 30 June 1982. (Project 762325 - Continuation)

$20,628.00 - 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 and Department of Agronomy (K. R. Everett), 1 May 1981 through 30 April 1982. (Project 762338 - Continuation)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Autonomic Regulation of Myocardial Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 October 1981 through 30 September 1982. (Project 762724 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiological and Mechanical Effects of pr- and bu-MDÌ's in Normal and Infarcted Dog Heart, Department of Veterinary Physiology and Pharmacology (W. H. Muir) and College of Pharmacy (R. G. Rahwan), 1 October 1981 through 30 September 1982. (Project 762719 - New)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Hypertensive Peptides from Pre-Eclamptic Placentas, Department of Physiology (J. J. Curry), 1 October 1981 through 30 September 1982. (Project 762239 - Continuation)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Platelet Endothelial Interaction Hypertension Atherosclerosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1981 through 30 September 1982. (Project 762703 - New)

$17,872.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effects of Drugs and Pathophysiology on Regional Perfusion, Department of Medicine and College of Medicine - Administration (R. H. Strauss), 1 October 1981 through 30 September 1982. (Project 762713 - New)

$17,796.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Localization of Calcium in Isolated Heart Cells, Department of Veterinary Pathobiology (C. Capen) and Department of Physiological Chemistry (R. Altschuld), 1 October 1981 through 30 September 1982. (Project 762707 - New)

$16,405.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiologic Effects of Caffeine, Department of Medicine (S. F. Schaal and R. M. Greenberg), 1 October 1981 through 30 September 1982. (Project 762716 - New)

$16,380.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Active Changes in the Characteristic Impedance of the Aorta, Department of Physiology (J.-P. Dujardin), 1 October 1981 through 30 September 1982. (Project 762706 - New)

$14,833.00 - Merck and Company, Rahway, New Jersey, Parasite Control Program for Dairy Replacement Heifers Using Ivermectin, Department of Veterinary Pathobiology (R. P. Herd) and Department of Veterinary Preventive Medicine (L. E. Heider), 1 May 1981 through 30 April 1982. (Project 762697 - New)
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$12,821.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Potential Sources of Oxygen for the Endocardium, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 October 1980 through 30 September 1982. (Project 762705 - New)

$12,400.00 - Research Corporation, New York, New York, Polarized Low Temperature Spectroscopy of Organically Bridged Metal-Metal Bonds, Department of Chemistry (B. E. Bursten), 1 April 1981 through 30 June 1982. (Project 762717 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Enzyme Inhibition on Kinetics of Antiarrhythmics, College of Pharmacy (J. J. MacKichan), 1 July 1981 through 30 June 1982. (Project 762678 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiologic Effects of Ethanol in Dog Hearts, Department of Veterinary Physiology and Pharmacology (S. M. McGuirk) and Department of Veterinary Physiology and Pharmacology and Department of Veterinary Clinical Sciences (W. W. Muir), 1 October 1981 through 30 September 1982. (Project 762711 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, I.V. Isosorbide Dinitrate in Acute Congestive Heart Failure, Department of Medicine (R. D. Magorien), 1 July 1981 through 30 June 1982. (Project 762714 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Intracellular O2 Availability in Contracting Muscle, Department of Physiology (E. W. Kanabus), 1 July 1981 through 30 June 1982. (Project 762710 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Radionuclide Localization of Ventricular Ectopy, Departments of Medicine and Radiology (T. M. Bashore), 1 October 1981 through 30 September 1982. (Project 762704 - New)

$11,979.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Immunological Exploration in Eu-Actinin: Myocardial Rod Body, Department of Veterinary Anatomy (M. Yamaguchi), 1 October 1981 through 30 September 1982. (Project 762708 - New)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$11,381.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Origin of Respiratory Blood Pressure Waves in Chickens, Department of Physiology (A. L. Kunz), 1 October 1981 through 30 September 1982. (Project 762715 - New)

$10,000.00 - Rockwell International, North American Aircraft Division, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 May 1981 through 30 May 1981. (Project 762563 - Continuation)

$9,346.00 - Merck and Company, Rahway, New Jersey, Efficacy of Ivermectin for Control of Swine Scabies: Relative Value of Prefarrowing Treatment of Sows and Weaning Treatment of Baby Pigs, Department of Veterinary Pathobiology (C. H. Courtney) and Department of Veterinary Preventive Medicine (W. L. Ingalls), 1 March 1981 through 28 February 1982. (Project 762680 - New)

$7,200.00 - The National Reye's Syndrome Foundation, Inc., Bryan, Ohio, Chemical Markers of Reye's Syndrome, Department of Pharmacology (B. Andresen), 1 July 1981 through 30 June 1983. (Project 762287 - Continuation)

$6,000.00 - SME Manufacturing Engineering Education Foundation, Dearborn, Michigan, Mathematical Modeling of Manufacturing Processes, Department of Industrial and Systems Engineering (R. S. Ahluwalia), 1 May 1981 through 30 April 1982. (Project 762702 - New)

$5,624.00 - Chemical Abstracts Service, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an On-Line Data Retrieval System, Department of Psychology (H. Shulman), 12 June 1981 through 31 December 1981. (Project 762213 - Continuation)

$3,807.00 - Ribbon Technology Corporation, Canal Winchester, Ohio, Oxidation Characteristics of Melt Extracted Alloy, Department of Metallurgical Engineering (C. E. Mobley), 1 July 1981 through 15 September 1981. (Project 762701 - New)

$2,842.00 - Southeastern Ohio Technical Education Consortium, Nelsonville, Ohio, Cooperative Agreement - The Ohio State University Research Foundation and The Southeastern Ohio Technical Education Consortium, Cooperative Extension Service - State Operations (C. J. Cunningham) and College of Agriculture and Home Economics - Administration (H. Bauman), 30 March 1981 through 30 June 1981. (Project 762676 - New)

$1,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Neural Control of the Peripheral Circulation, Department of Physiology (J. Bouland and D. O. Nelson), 1 July 1981 through 31 July 1981. (Project 762096 - Continuation)
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$15.10 - Milwaukee Area Technical College, Milwaukee, Wisconsin, National Alliance of Postsecondary Education/Institutions Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 June 1981 through 30 June 1981. (Project 761599 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,223,398.10

ENGINEERING EXPERIMENT STATION

Federal Sponsored Research and Development

$2,500.00 - U. S. Department of the Interior, Geological Survey, Reston, Virginia, development project, Department of City and Regional Planning.

State Sponsored Research and Development

$63,680.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Research in Analytical Photogrammetry in Application to Transportation Surveys, Department of Geodetic Science and Surveying, July 1, 1981 through June 30, 1982. (EES 529652)

$1,685.00 - Transportation Research Center of Ohio, East Liberty, Ohio, development project, Department of Mechanical Engineering.

TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT $ 65,365.00

Industry and Other Sponsored Research and Development

$161,251.00 - various sponsors for 49 projects under the direction of seven engineering departments.
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$67,000.00 - General Motors Foundation, Inc., Detroit, Michigan--$13,000.00 for Capital Campaign Mechanical Engineering Fund; $11,000.00 for Capital Campaign Electrical Engineering Fund; $8,000.00 for Capital Campaign Industrial and Systems Engineering Fund; $7,000.00 for Capital Campaign Chemical Engineering Fund; $6,000.00 for Engineering Mechanics Chairman's Discretionary Fund; $6,000.00 for Capital Campaign Welding Engineering Fund; $6,000.00 for College of Engineering Special Fund; $5,000.00 for Capital Campaign Metallurgical Engineering Fund; and $5,000.00 for Capital Campaign Engineering Graphics Fund.

$40,000.00 - The Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.

$29,375.00 - Glaxo, Inc., Fort Lauderdale, Florida, for Gastrointestinal Cancer Research Fund.

$25,000.00 - Gardinier, Inc., Tampa, Florida, for Endowed Professorship in Plant Protection.

$21,624.31 - Retinal Consultants, Inc., Columbus, Ohio--$19,547.30 for Retina Research Fund and $2,077.01 for Ophthalmology Photography Fund.

$20,938.00 - Mrs. Ruth J. Wilson, Westerville, Ohio, for James Hay and Ruth Jansson Wilson Professorship in Cardiology Fund.

$20,000.00 - Borden Foundation, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$15,687.19 - American Medical Association, Chicago, Illinois, for Faculty Seminar on Medical Education.

$15,268.00 - Battelle Memorial Institute, Columbus, Ohio--$10,268.00 for WOSU Support Fund and $5,000.00 for Mechanical Engineering Coal Combustion Laboratory Fund.

$15,000.00 - Oncology Immunology Lab, Columbus, Ohio (given in the name of Dr. John P. Minton), for Cancer Research Fund.

$13,091.63 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$12,000.00 - Schering Corporation, Kenilworth, New Jersey, for Ocular Infections Research Fund.

$11,834.38 - Systems Associates, Inc., Columbus, Ohio, for Cardiology Support Fund.
September 4, 1981 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)

$10,934.00 - IBM, Tarrytown, New York, for Department of Physics IBM Minority Fellowship Fund.

$10,000.00 - International Minerals and Chemicals Corporation, Mundelein, Illinois, for Endowed Professorship in Plant Protection.

$10,000.00 - Kaiser Aluminum and Chemical Corporation, Oakland, California, for Kaiser Aluminum Scholarship Program.

$9,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

$8,000.00 - Midland-Ross Corporation, Urbana, Ohio, for Student Athlete Grant-in-Aid Fund.


$7,000.00 - Financial Credit Life Insurance Company, Columbus, Ohio (given in the names of Gordon Y. Boyd, Lloyd L. Osborne, Sr., Lloyd L. Osborne, Jr., Lewis K. Osborne, III, James B. Osborne, Louis G. Rymer, and Robert G. Jack), for Ophthalmology Teaching Fund.

$7,000.00 - Ohio Florists' Association, Columbus, Ohio, for Ohio Florists Association Special Fund.

$6,535.00 - Neurosurgical Consultants, Inc., Columbus, Ohio, for Neurosurgery Fund.

$6,258.00 - The Columbus Zoo Association, Powell, Ohio, for Columbus Zoo Animal Health Fellowship.

$6,000.00 - AccuRay Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$6,000.00 - SCOA Foundation, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$6,000.00 - Schottenstein Stores Corporation, Columbus, Ohio, for Graduate School Minority Recruiting Program Fund.

$5,693.33 - Wyeth Labs, Philadelphia, Pennsylvania, for Menopausal Patient Follow-up Project.
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 - Anonymous Donor, for Ohio State University Campaign for China Exchange.

$5,000.00 - Ashland Oil, Inc., Ashland, Kentucky, for Student Athlete Grant-in-Aid Fund.

$5,000.00 - Estate Under the Will of Gladys Branegan Chalkley, LaJolla, California, for Gladys Branegan Fellowship Fund.

$5,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.

$5,000.00 - Mid-Ohio Chemical Company, Inc., Washington C.H., Ohio--$4,500.00 for Endowed Professorship in Plant Protection and $500.00 for Student Athlete Grant-in-Aid Fund.

$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

Gifts-in-Kind

$9,704.00 - Frederick G. Ruffner, Detroit, Michigan, gift of books.

$5,716.50 - Robert T. Ewing Charitable Trust, Monroe, Michigan (444 shares La-Z-Boy Chair Company stock), for College of Medicine Progress Fund.

$5,000.00 - The Doody Company, Columbus, Ohio, MBA Lounge Furniture.

Establishment of Named Funds

The Bernice B. Ross Memorial Scholarship Fund for Music

The Bernice B. Ross Memorial Scholarship Fund for Music 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 Mr. Gene P. Dragonette of Huntsville, 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 awarded to one or more talented undergraduate students in the School of Music. Recipients will be determined by the established procedures within the School of Music, with approval by the Director of the School of Music, who will also approve requisitions for payment.
Establishment of Named Funds (contd)

The Bernice B. Ross Memorial Scholarship Fund for Music (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 the School of Music.

The Castor Memorial Scholarship Fund

The Castor Memorial Scholarship Fund was established September 4, 1981, by the Board of Trustees of The Ohio State University with a gift from Lawrence B. Leiby, CDR USN (Ret), B.A. '40, in honor and memory of his uncle and grandmother, William W. and Louisa Castor.

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

Ten percent (10%) of the annual income is to be used to add to the principal of the scholarship. The remaining ninety percent (90%) of the annual income is to be used to provide one or more scholarships for undergraduate students who are above average and have financial need. The students are to be enrolled at the Agricultural Technical Institute, Wooster, Ohio. The scholarship is to be awarded to those students who are residents of Wayne County with preference given to those of Clinton Township who are in attendance at the Agricultural Technical Institute campus. The scholarships are renewable for so long as the student maintains the appropriate academic and need criteria.

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 appropriate administrative official of the University who is then directly responsible for scholarships in consultation with the Director of the Agricultural Technical Institute.

The William W. and Louisa Castor Memorial Award Fund

The William W. and Louisa Castor Memorial Award Fund was established September 4, 1981, by the Board of Trustees of The Ohio State University with a gift from Lawrence B. Leiby, CDR USN (Ret), B.A. '40, of Shreve, Ohio, in honor and memory of his uncle and grandmother, William W. and Louisa Castor.

This bequest is to be invested in the University's investment portfolio under the 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 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The William W. and Louisa Castor Memorial Award Fund (contd)

Ten percent (10%) of the annual income is to be applied to the principal each year with the remaining ninety percent (90%) of the income used to provide awards in geology and mineralogy to the most deserving graduate student(s) as determined by the department chairman and the appropriate committee. A portion of that income may also be used specifically in the utilization of aerial reconnaissance materials in the investigation of strategic materials as appropriate and/or to provide a lectureship in mineral resources and/or to develop a library of satellite imagery.

Should the need for these awards and other provisions 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 education in geology and mineralogy.

Bill Zipf 4-H Memorial Scholarship

The Bill Zipf 4-H Memorial Scholarship was established September 4, 1981, by the Board of Trustees of The Ohio State University with a gift from the Columbus Dispatch Charities in memory of Bill Zipf.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 undergraduate scholarship to a sophomore, junior or senior majoring in agricultural communications in the College of Agriculture and Home Economics or in journalism in the School of Journalism. Student recipients must be a member or former member of 4-H and will be selected by the University Committee on Student Financial Aids based on the recommendations of the scholarship committee of either the College of Agriculture and Home Economics or the School of Journalism.

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 College of Agriculture and Home Economics or the School of Journalism.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Richards Farms Scholarship in Agricultural Economics and Rural Sociology

The Richards Farms Scholarship in Agricultural Economics and Rural Sociology was established September 4, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Richards Farms.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules 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 is to be used to provide undergraduate scholarships in the Department of Agricultural Economics and Rural Sociology of the College of Agriculture and Home Economics. Preference will be given to a student majoring in agribusiness. Recipients will be selected by the University Committee on Student Financial Aids based on the recommendation of the Scholarship Committee of the College of Agriculture and 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to the appropriate official of the University who is then directly responsible for the agricultural curricula at The Ohio State University.

The Tzagournis Teaching and Research Fund

The Tzagournis Teaching and Research Fund was established September 4, 1981, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Donald C. Power, B.S. ’22, LL.B. ’26, M.A. ’27, 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to support endocrinology students’ research, teaching and patient care in the College of Medicine. Requisitions for the use of the funds will be approved 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 directly responsible for endocrinology research, teaching and patient care.
September 4, 1981 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 Kalmbach Family Scholarship Fund

The Kalmbach Family Scholarship Fund was established September 4, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Kalmbach family.

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

The annual income from the fund principal is to be used to provide one or more scholarships for students in the College of Agriculture and Home Economics. preference will be given to students from Wyandot County, Ohio, who have expressed an interest in or are enrolled in a major in agricultural economics, animal science, dairy science, or poultry science. The selection of the recipient shall be made by the University Committee on Student Financial Aids based upon the recommendation from the Dean or Assistant Dean for Student Affairs in the College of Agriculture.

Should the need for this fund cease to exist or so diminish as to provide unused funds, 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 curricula in agriculture.

Change Name of Named Fund

Baba Memorial Fellowship in Pathology Fund*

The Department of Pathology Educational and Research Discretionary Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the faculty and friends of the Department of Pathology, College of Medicine.

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

The annual income is to be used to provide one or more fellowships for pathology resident physicians who wish to pursue an additional one- or two-year program in research and education at The Ohio State University leading to eligibility for the examinations of Special Competence of the American Board of Pathology. The Department is authorized to invade the principal amount of the endowment if necessary. The selection of the recipients is to be made upon the recommendation of the Department Chairman and the Dean of the College of Medicine.

Should the need for these pathology 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 Chairman of the Department of Pathology in the College of Medicine.

*Formerly Department of Pathology Educational and Research Discretionary Fund.
September 4, 1981 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contract/Grant

$41,572.00 - Department of Health and Human Services, Public Health Service, Bureau of Health Professions, Division of Nursing, Bethesda, Maryland, Nursing Capitation Grant Program, School of Nursing, July 1, 1981 through June 30, 1982. (Grant No. 5 E04 NU01080-10)

State of Ohio Research Contracts/Grants

$1,161,844.10 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Trade and Industrial Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1981 through June 30, 1982.

$520,715.76 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Agriculture, Department of Agricultural Education, July 1, 1981 through June 30, 1982.

$286,507.96 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services - Home Economics, School of Home Economics, July 1, 1981 through June 30, 1982.

$271,235.47 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Research, Survey, Evaluation and Exemplary Programs, Department of Agricultural Education, July 1, 1981 through June 30, 1982.

$269,763.74 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Distributive Education Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1981 through June 30, 1982.

$124,529.48 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Vocational Guidance and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1981 through June 30, 1982.

$122,339.60 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Business and Office Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1981 through June 30, 1982.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $2,756,936.11
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$1,498,945.00 - 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 1981 through 30 June 1982. (Project 763976 - Continuation)

$478,100.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 November 1981 through 15 July 1984. (Project 762767 - Continuation)

$137,000.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Division of Nursing, Hyattsville, Maryland, Women's Health Research Program, School of Nursing (J. S. Stevenson), 1 July 1981 through 30 June 1982. (Project 762275 - Continuation)

$113,937.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Radiation Enhancement in Nervous System Tumor Models, Department of Medicine (N. R. Clendenon), 1 September 1981 through 31 August 1982. (Project 764576 - Continuation)

$111,942.00 - National Science Foundation, Washington, D. C., Study of Modified Carbon/Graphitic Surfaces for Electrocatalysis, Department of Chemistry (T. Kuwana), 15 July 1981 through 31 July 1982. (Project 762782 - New)

$109,834.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neuro-oncogenesis by Resorptive Carcinogens, Department of Veterinary Pathobiology (A. Koestner and K. Marushige), 1 July 1981 through 30 June 1982. (Project 762762 - Continuation)

$108,809.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1981 through 30 June 1982. (Project 761501 - Continuation)

$103,800.00 - National Science Foundation, Washington, D. C., Diffusion Driven Boundary Motion in Alloys, Department of Metallurgical Engineering (P. G. Shewmon and G. Meyrick), 1 August 1981 through 31 January 1983. (Project 762784 - New)
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$96,225.00 - Department of Health and Human Services, Public Health Service, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Glycerophospholipid Metabolism in the Brain, Department of Physiological Chemistry (L. A. Horrocks), 1 August 1981 through 31 July 1982. (Project 760039 - Continuation)

$92,089.00 - Department of Labor, Employment and Training Administration, Washington, D. C., A Formative Evaluation of the Private Sector Initiative Program and HIRE II, Department of Political Science and Mershon Center for Education in National Security (R. B. Ripley), 1 April 1980 through 30 November 1981. (Project 761515 - Continuation)

$78,705.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Engineering Calculations for Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 15 July 1981 through 15 July 1982. (Project 762552 - Continuation)

$76,149.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion: Neurochemical Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1981 through 31 August 1982. (Project 761266 - Continuation)

$73,246.00 - 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 1981 through 30 June 1982. (Project 762298 - Continuation)

$67,200.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1981 through 30 June 1982. (Project 762751 - Continuation)

$64,460.00 - Department of Energy, Chicago Operations and Regional Offices, 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 1981 through 30 June 1982. (Project 762755 - New)

$63,020.00 - National Science Foundation, Washington, D. C., The Development of Brainstem-Spinal Systems Related to Autonomic Control, Pain Modulation and Somatic Motor Activity, Department of Anatomy (G. F. Martin), 1 September 1981 through 31 August 1982. (Project 762278 - Continuation)
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$58,000.00 - 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 1981 through 30 June 1982. (Project 762786 - Continuation)

$57,768.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biotransformations of Estrogens and Cancer, College of Pharmacy (R. Brueggemeier), 1 July 1981 through 30 June 1982. (Project 762304 - Continuation)

$46,025.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Learning in Brain-Damaged Human Infants and Animals, Department of Psychology (G. G. Berntson), 1 July 1981 through 30 June 1982. (Project 762736 - New)

$42,070.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells in Vitro, Department of Physiological Chemistry (G. E. Milo), 1 July 1981 through 30 September 1981. (Project 762178 - Continuation)

$41,317.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. H. Ives), 1 July 1981 through 30 June 1982. (Project 761732 - Continuation)

$39,931.00 - Department of the Army, Cold Regions 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), 1 July 1981 through 30 June 1982. (Project 762749 - New)

$39,324.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 15 June 1981 through 30 November 1981. (Project 764440 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$39,293.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Predoctoral Training in Family Medicine, Department of Family Medicine (L. L. Gabel), 1 July 1981 through 30 June 1982. (Project 762756 - New)

$34,584.00 - Department of the Army, Waterways Experiment Station, Corps of Engineers, Vicksburg, Mississippi, An Experimental Investigation of Mode Coupling Effects Due to Random Perturbations in Ported Coaxial Cable, Department of Electrical Engineering, ElectroScience Laboratory (J. Richmond and R. Garbacz), 16 July 1981 through 30 November 1981. (Project 762219 - Continuation)

$29,300.00 - National Science Foundation, Washington, D. C., Geometric Topology and Homotopy Theory, Department of Mathematics (D. Burghelea and J. A. Neisendorfer), 1 July 1981 through 30 June 1982. (Project 762777 - Continuation)

$28,270.00 - Department of Agriculture, Arlington, Virginia, HVT in Cell Proliferation: A Risk Factor in Dissecting Aneurysms, Department of Veterinary Preventive Medicine (J. P. Donahoe) and Department of Microbiology (M. T. Muller), 1 July 1981 through 30 June 1982. (Project 762766 - New)


$24,413.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels with Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. Blakeslee), 1 July 1980 through 30 September 1981. (Project 762179 - Continuation)

$21,234.00 - Department of the 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), 1 July 1981 through 30 September 1981. (Project 761657 - Continuation)

$19,950.00 - National Science Foundation, Washington, D. C., Combinatorial Problems and Their Applications, Department of Mathematics (D. K. Ray-Chaudhuri), 1 July 1981 through 30 June 1982. (Project 762779 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$15,555.00 - Department of Agriculture, Office of International Cooperation and Development, Washington, D. C., Cooperative Research Linkage for The Ohio State University, Ohio Agricultural Research and Development Center and the University of Sao Paulo, Brazil, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 1 July 1981 through 31 August 1981. (Project 762420 - Continuation)

$7,834.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Modeling of a Head Impact Simulator Design, Department of Mechanical Engineering (R. Singh), 1 July 1981 through 30 September 1981. (Project 762757 - New)

$6,000.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Systematic Biology, Department of Zoology (T. M. Berra) and Mansfield Campus and Department of Zoology (R. M. Feltes), 15 July 1981 through 31 July 1982. (Project 762775 - New)


$4,120.00 - 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 1981 through 30 April 1982. (Project 763920 - Continuation)

$3,151.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 July 1981 through 30 June 1982. (Project 764403 - Continuation)

$2,521.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry (K. E. Richardson), 1 June 1981 through 31 May 1982. (Project 762720 - Continuation)
Federal Research Contracts/Grants (contd)

$1,494.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprophylaxis and Immunotherapy of Lung Cancer, Department of Microbiology and Cancer Research Center (B. S. Zwilling), 1 August 1980 through 31 March 1982. (Project 760172 - Continuation)

$86.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The in Vivo Growth of Staphylococci, Department of Medical Microbiology and Immunology (F. A. Kapral), 1 June 1981 through 31 May 1982. (Project 762330 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $3,930,463.00

State of Ohio Research Contracts/Grants

$78,400.00 - State of Ohio, Department of Natural Resources, Office of Litter Control, Columbus, Ohio, Litter Control and Recycling Education Program, Cooperative Extension Service - State Operations (P. R. Thomas), 1 July 1981 through 31 December 1981. (Project 762664 - New)

$50,832.65 - State of Ohio, Department of Education, Vocational and Career Education and School Food Service, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Academic Faculty of Labor and Human Resources (S. C. Kelley), 1 July 1981 through 30 June 1982. (Project 762781 - Continuation)

$21,600.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Ohio Dean’s Task Force - Heads of Teacher Education, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1981 through 31 May 1982. (Project 762763 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $150,832.65

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$97,632.00 - Hannah Neil Center for Children, Columbus, Ohio, Implementing Behavioral Treatment Activities - A Joint Exceptional Children/Physical Education Internship, School of Health, Physical Education and Recreation and Academic Faculty for Exceptional Children (C. L. Mand), 1 July 1981 through 30 June 1982. (Project 762700 - New)
$42,422.00 - The Standard Oil Company, Cleveland, Ohio, Development of Immunofluorescence Methodology for Sulfate Reducing Bacteria, Department of Microbiology (M. S. Rheins and O. H. Tuovinen), 1 July 1981 through 28 February 1982. (Project 762761 - New)

$38,257.00 - Adria Laboratories, Inc., Columbus, Ohio, Investigation of the Microbiological Modification of Anthracycline, Department of Microbiology (W. R. Strohl), 1 July 1981 through 30 June 1982. (Project 762765 - New)

$26,000.00 - Roskam Aviation and Engineering Corporation, Ottawa, Kansas, General Aviation/Airfoil Design and Analysis Center Users' Order - "Airfoil Design Phase III," Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 1 June 1981 through 31 October 1981. (Project 762145 - Continuation)

$24,730.00 - The Kroc Foundation, Santa Ynez, California, Canine Distemper Virus and Multiple Sclerosis, Department of Veterinary Pathobiology (S. Krakowka), 1 July 1981 through 30 June 1982. (Project 761738 - Continuation)

$20,000.00 - International Business Machines Corporation, White Plains, New York, Networking Chemical Instrumentation to a Centralized Time-Shared Computer System, College of Pharmacy (C. L. Olson), 1 June 1981 through 31 May 1983. (Project 762771 - Continuation)


$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Prevention of Cobalt Cardiomyopathy by Beta Adrenergic Blockade, Department of Medicine (D. V. Unverferth), 1 October 1981 through 30 September 1982. (Project 762758 - New)


<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
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<tbody>
<tr>
<td>$10,000.00</td>
<td>North Dakota State School of Science, Wahpeton, North Dakota; Washington State Community College, Spokane, Washington; Kalamazoo Valley Community College, Kalamazoo, Michigan; Bergen Community College, Paramus, New Jersey; and Trident Technical College, Charleston, South Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1981 through 30 June 1982. (Project 761599 - Continuation)</td>
</tr>
<tr>
<td>$10,000.00</td>
<td>Rockwell International, North American Aircraft Division, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 June 1981 through 30 June 1981. (Project 762563 - Continuation)</td>
</tr>
<tr>
<td>$6,000.00</td>
<td>American Cancer Society, Ohio Division, Cleveland, Ohio, <em>An in Vitro</em> Investigation of the Cytotoxicity of DCF and ARA-A in Normal and Neoplastic Colon Tissue, Department of Medicine and Cancer Research Center (M. R. Grever) and Department of Medicine (D. Gray), 1 July 1981 through 30 June 1982. (Project 762772 - New)</td>
</tr>
<tr>
<td>$6,000.00</td>
<td>American Cancer Society, Ohio Division, Cleveland, Ohio, Effect of T Lymphocytes on Erythropoiesis in Normal Individuals and Cancer Patients, Department of Medicine (J. R. Rinehart and A. U. Haq), 1 July 1981 through 30 June 1982. (Project 762773 - New)</td>
</tr>
<tr>
<td>$5,999.00</td>
<td>S. Ames Pence, Walnut Creek, California, Effect of Propolis on Viral Replication, Department of Medical Microbiology and Immunology (J. H. Hughes), 1 July 1981 through 30 June 1982. (Project 762752 - New)</td>
</tr>
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<td>$5,981.00</td>
<td>Fort Wayne Area Consortium, Fort Wayne, Indiana, Analysis of Labor Market Information, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1981 through 31 August 1981. (Project 762753 - New)</td>
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<tr>
<td>$5,956.00</td>
<td>American Cancer Society, Ohio Division, Cleveland, Ohio, The Role of Complement in Feline Lymphosarcoma, Department of Medicine (E. H. Kraut), 1 July 1981 through 30 June 1982. (Project 762774 - New)</td>
</tr>
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<td>$2,450.00</td>
<td>College of the Mainland, Texas City, Texas, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 August 1981 through 31 August 1981. (Project 768034 - New)</td>
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<tr>
<td>$2,419.00</td>
<td>Union Carbide Corporation, Linde Division, Tarrytown, New York, Feeding Synthetic Zeolites to Broiler Chickens, Department of Poultry Science (D. J. Latshaw), 1 November 1980 through 30 June 1981. (Project 762468 - Continuation)</td>
</tr>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$750.00 - Greater Columbus Arts Council, Columbus, Ohio, The OSU Writing Series: From Concept through Production, Office of Academic Affairs, Continuing Education - Non-Credit Programs (J. H. Oshins), 1 June 1981 through 31 December 1981. (Project 762741 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 366,105.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$69,390.00 - General Electric Lamp Materials Research Lab, Cleveland, Ohio, New Phosphors, Department of Ceramic Engineering, July 1, 1981 through June 30, 1984. (EES 529626/626X)

$44,750.00 - International Paper Company, Tuxedo Park, New York, Movable Wall Channel Fiber-Fluid, Department of Chemical Engineering, May 9, 1981 through November 8, 1981. (EES 529086/606X, Extension 1)

$16,500.00 - Bethlehem Steel Research Center, Bethlehem, Pennsylvania, Kinematics of Iron Oxide Reduction in Coal, Department of Metallurgical Engineering, July 1, 1981 through June 30, 1982. (EES 519089/609X, Extension 1)

$8,600.00 - American Iron and Steel Institute, Washington, D. C., Columns Braced in Nonprincipal Directions, Department of Civil Engineering, May 1, 1981 through April 30, 1982. (EES 529078/598X, Extension 2)

$106,135.40 - various industries for 23 development projects supervised by eight departments/research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $ 245,375.40

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$101,952.00 - Estate Under the Will of John C. Fergus, Columbus, Ohio--$50,976.00 for Corwin A. Fergus Memorial Fund and $50,976.00 for Edith Fergus Gilmore Fund.
September 4, 1981 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)

$90,335.68 - Warner and Lora Pomerene Trust, Columbus, Ohio--$45,167.84 for John W. Bricker Named Professorship in the College of Law and $45,167.84 for Warner M. and Lora K. Pomerene Fund in Agriculture.

$80,711.34 - Sidney L. Pressey Trust, Columbus, Ohio, for Sidney L. Pressey Honors Program Fund.

$74,750.00 - Arthur E. Shepard, Columbus, Ohio (2,000 shares of Alexander and Alexander Services, Inc., stock), for Arthur E. Shepard Designated Professorship in Insurance.

$50,000.00 - SDRC, Milford, Ohio, for Advanced Design Methods Laboratory--Mechanical Engineering Fund.

$50,000.00 - The Spencer Foundation, Chicago, Illinois, for Spencer Educational Scholars Fund.

$50,000.00 - The Standard Oil Company, Cleveland, Ohio, for College of Engineering Campaign.

$45,000.00 - Estate Under the Will of Helen Sells Clarkson, Columbus, Ohio, for Helen Sells Clarkson Memorial Scholarship Fund.

$43,446.44 - Louise Orr Scott Foundation, Columbus, Ohio--$32,584.83 for William Craig Orr and Mary Black Orr Scholarship in Medicine and $10,861.61 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

$30,271.58 - Estate Under the Will of David R. Soich, Westerville, Ohio, for Presidents Club Special Fund.

$30,000.00 - Zaner-Bloser, Inc., Columbus, Ohio--$15,000.00 for Presidents Club Special Fund; $10,000.00 (given in the name of Dr. Walter B. Barbe) for Education Research Publication Fund; and $5,000.00 for Faculty for Exceptional Children Support Fund.

$28,409.56 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$22,500.00 - Central Ohio Lung Association, Columbus, Ohio, for Pulmonary and Respiratory Care Research Fund.

$20,000.00 - Ohio State Anesthesia Associates, Inc., Columbus, Ohio, for Anesthesia Research and Enhancement Fund.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of $5,000 or More (contd)

$18,686.00 - A. E. Converse Fund of the Cleveland Foundation, Cleveland, Ohio, for furtherance of extension work in Cuyahoga County.

$13,875.00 - Mrs. Helen G. Crane, Columbus, Ohio (300 shares of Standard Oil Company stock), for Ophthalmology Center Fund.

$13,191.43 - Systems Associates, Inc., Columbus, Ohio, for Cardiology Support Fund.

$12,000.00 - Anderson Clayton Foods, Dallas, Texas, for Anderson Clayton Graduate Fund for Casein Research.

$11,500.00 - Bethlehem Steel Corporation, Bethlehem, Pennsylvania--$6,500.00 for Mechanical Engineering Coal Combustion Laboratory Fund and $5,000.00 for Bethlehem Steel--Senior Projects.

$11,318.84 - Trust Under the Will of Grace Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

$10,800.00 - Dispatch Charities, Inc., Columbus, Ohio--$10,000.00 for Bill Zipf 4-H Memorial Scholarship and $800.00 for College of Agriculture and Home Economics Dean's Discretionary Fund.

$10,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for Advanced Design Methods Laboratory--Mechanical Engineering Fund.

$10,000.00 - The Merck Company Foundation, Rahway, New Jersey, for Veterinary Pathobiology Research and Development Fund.

$10,000.00 - Michael's Finer Meats, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$10,000.00 - Owens-Corning Fiberglas Corporation, Granville, Ohio--$5,000.00 for Owens-Corning Fiberglas Fund and $5,000.00 for Owens-Corning Fund.

$10,000.00 - Joseph E. Sudduth, Birmingham, Alabama, for Everett D. Reese Arthritis Research Fund.

$10,000.00 - The Upjohn Company, Kalamazoo, Michigan, for Infectious Disease Research Fund.

$9,850.00 - The Ohio State University Women's Club, Columbus, Ohio--$7,050.00 for University Women's Club Scholarship Fund and $2,800.00 for University Women's Club Emergency Loan Fund.
September 4, 1981 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)

$8,393.83 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$7,500.00 - Chevron Research Company, Richmond, California, for Chemistry Research.

$7,500.00 - Detroit Edison, Detroit, Michigan, for Detroit Edison Fellowship in Electric Power Systems.

$7,450.75 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

$7,000.00 - The Procter & Gamble Company, Cincinnati, Ohio, for Neuromuscular Research Jerry Mendell Fund.

$6,980.00 - The Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D.C., for P.M.A. Fellowship.

$6,569.00 - The Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.

$6,500.00 - Abbott Laboratories, North Chicago, Illinois, for Laboratory of Work Physiology.

$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

$5,130.00 - Dr. Michael H. Klapper, Columbus, Ohio, for Department of Chemistry Support Fund.

$5,095.00 - Ernst & Whinney Foundation, Columbus, Ohio, for Ernst and Ernst Accounting Grant.

$5,000.00 - Exxon Education Foundation, New York, New York, for Department of Chemical Engineering Support Fund.

$5,000.00 - Ohio Turfgrass Foundation, Columbus, Ohio, for Bio-Catalytic Soil Conditioners Research Fund.

$5,000.00 - Shell Development Company, Houston, Texas, for Mechanical Engineering Coal Combustion Laboratory Fund.
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

$37,845.00 - Ray Osrin, Cleveland, Ohio, 1,682 Editorial Cartoons.

$20,000.00 - Meyer Zola, Oak Park, Illinois, 1,560 Yiddish Books.

$19,500.00 - MTS Systems Corporation, Minneapolis, Minnesota, Electrohydraulic Testing Equipment.

$6,500.00 - Len Immke Buick, Inc., Columbus, Ohio, 3/4 ton GMC Pickup Truck.

$5,500.00 - Mrs. Herbert J. Flint, Columbus, Ohio, two Chinese art objects.

Establishment of Named Funds

The Warner M. and Lora Kays Pomerene College of Medicine Research Fund

The Warner M. and Lora Kays Pomerene College of Medicine Research Fund was established September 4, 1981, by the Board of Trustees of The Ohio State University with bequests to The Ohio State University Development Fund from Lora Kays Pomerene, B.S.Edu. ’16, and Warner M. Pomerene, B.A. ’15, J.D. ’17, 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to underwrite research projects in the College of Medicine. Research projects will be recommended by the Dean of the College of Medicine and approved by the Vice President for Health 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 medical research.

The Samuel Freifield Endowed Scholarship Fund in Law

The Samuel Freifield Endowed Scholarship Fund in Law was established September 4, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of Mr. Samuel Freifield of Steubenville, 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.
Establishment of Named Funds (contd)

The Samuel Freifield Endowed Scholarship Fund in Law (contd)

The annual income is to be awarded to one or more students in the College of Law. Recipients will be determined by the established procedures within the College of Law, with preference given to students with demonstrated financial need from the Steubenville 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.

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 added to the principal until the fund is again sufficient to provide a full-tuition scholarship. 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 determined by the Board of Trustees with preference being given to recommendations from the Dean of the College 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.
September 4, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change Name of Named Fund.

The William G. Cronenwett Memorial Scholarship of Wood County*

The Wood County Scholarship Fund was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Wood 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 Wood County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Wood County Alumni Club.

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.

*Formerly Wood County Scholarship Fund.

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PLANS AND SPECIFICATIONS

Resolution No. 82-21

Synopsis: Plans and specifications are being proposed for the following project.

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

OHIO UNION, REPLACE ELEVATOR

Project: Installation of new passenger elevator to replace obsolete elevator for which repair parts are no longer available. The new elevator will be complete with handicapped features added.

Funding: Local University Funds

Estimated Project Cost: $115,000.00
September 4, 1981 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

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 Administration 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. Hilliker, seconded by Dr. Jacob, 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. 82-22

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 Administration 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:

ARPS AND OHIO UNION PARKING RAMPS, MAINTENANCE AND REPAIRS

Description: Repairs necessary due to deterioration of concrete and waterproofing of top decks.

General Contract

<table>
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<tr>
<th>Date Received:</th>
<th>July 28, 1981</th>
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<tr>
<td>No. of Bids:</td>
<td>8</td>
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<tr>
<td>Low Bid:</td>
<td>$186,587.00*</td>
</tr>
<tr>
<td>High Bid:</td>
<td>$282,000.00*</td>
</tr>
<tr>
<td>Estimate of Cost:</td>
<td>$245,252.00*</td>
</tr>
</tbody>
</table>

*Recommended alternates reflected in these figures.
September 4, 1981 meeting, Board of Trustees

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

ARPS AND OHIO UNION PARKING RAMPS, MAINTENANCE AND REPAIRS (contd)

Awarded to: Werner Maintenance & Construction, Inc., Columbus, Ohio
Total Contract: $186,587.00
Total Contingency Allowance: $14,921.52 which is 8 per cent of construction cost
Total Project Cost: $219,800.00
Funding: Budget Account 885120 (Traffic and Parking Revenues)

NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA) TITLE III PROGRAM, CYCLE I ENERGY CONSERVATION MEASURES - ECM-1 (CAMPBELL, GALVIN-LIMA, HOPKINS, HUGHES, AND SISSON HALLS)

Description: This work consists primarily of Campbell Hall Conversion of constant volume system to variable air volume system, with modifications to existing air mixing boxes and control of these mixing boxes.

Mechanical Contract

Date Received: June 25, 1981
No. of Bids: 2
Low Bid: $107,900.00*
High Bid: $117,730.00*
Estimate of Cost: $92,550.00*
Awarded to: Julian Speer Company, Columbus, Ohio
Total Contract: $107,900.00
Total Contingency Allowance: $7,071.28 which is 7 per cent of construction contract
Total Project Cost: $133,905.00
Funding: Federal Funds and Matching State Funds

*Recommended alternates reflected in these figures.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY MODIFICATIONS, PHASE V, PROJECT "B"
(DREES, ROBINSON, ST. JOHN ARENA, AND SMITH LABORATORY)

Description: New lighting, variable air volume work, and installation of low leak dampers in Dreese, Robinson, St. John Arena, and Smith Laboratory to continue energy modifications at The Ohio State University. The estimated annual savings will be $30,000.00 per year in utility costs, with a four-year payback.

Mechanical Contract

Date Received: July 15, 1981
No. of Bids: 1
Low Bid: $67,825.00*
Estimate of Cost: $80,550.00
Awarded to: J. A. Guy, Inc., Dublin, Ohio

Electrical Contract

Date Received: July 15, 1981
No. of Bids: 6
Low Bid: $22,797.00*
High Bid: $26,940.00*
Estimate of Cost: $29,300.00*
Awarded to: Frush & Homan, Inc., Columbus, Ohio

Total All Contracts: $90,622.00
Total Contingency Allowance: $7,599.88 which is 8 per cent of construction contract
Total Project Cost: $101,914.00
Funding: Budget Account 210134

*Recommended alternates reflected in these figures.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

EXTERIOR PAINTING - 1981, PHASE II

Description: Exterior painting of all previously painted surfaces on: St. John Arena; French Field House; Research Center; Waterman East Barn; Waterman Dairy Barn; Hangars 1, 2, and 3, Don Scott Field; and Fire House, Don Scott Field.

General Contract

<table>
<thead>
<tr>
<th>Description</th>
<th>Date Received</th>
<th>No. of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
<th>Estimate of Cost</th>
<th>Awarded to</th>
<th>Total Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exterior painting of all previously painted surfaces on: St. John Arena;</td>
<td></td>
<td>6</td>
<td>$63,400.00</td>
<td>$78,019.00</td>
<td>$71,500.00</td>
<td>W. F. Bolin Company, Inc., Columbus, Ohio</td>
<td>$63,400.00</td>
</tr>
<tr>
<td>French Field House; Research Center; Waterman East Barn; Waterman Dairy</td>
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<td>Barn; Hangars 1, 2, and 3, Don Scott Field; and Fire House, Don Scott</td>
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<tr>
<td>Field.</td>
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</tbody>
</table>

Total Contingency Allowance: $4,318.12 which is 7 per cent of construction contract

Total Project Cost: $70,000.00

Funding: Budget Account 885157

ENERGY CONSERVATION MEASURES, FEDERAL DEPARTMENT OF ENERGY TITLE III GRANT - MAIN LIBRARY (ECM-4)

Description: Continued energy conservation modifications to reduce and revise lighting in various areas; provide temperature control sequences consisting of unoccupied cycle control, reset mixed air controllers. Estimated yearly savings will be $17,566.00 with a two-year ten-month payback.

Mechanical Contract

<table>
<thead>
<tr>
<th>Description</th>
<th>Date Received</th>
<th>No. of Bids</th>
<th>Low Bid</th>
<th>Estimate of Cost</th>
<th>Awarded to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continued energy conservation modifications to reduce and revise lighting</td>
<td></td>
<td>1</td>
<td>$16,200.00*</td>
<td>$36,400.00*</td>
<td>J. A. Guy, Inc., Dublin, Ohio</td>
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<tr>
<td>in various areas; provide temperature control sequences consisting of</td>
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<tr>
<td>unoccupied cycle control, reset mixed air controllers. Estimated yearly</td>
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<tr>
<td>savings will be $17,566.00 with a two-year ten-month payback.</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

*Recommended alternates reflected in these figures.
September 4, 1981 meeting, Board of Trustees

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

ENERGY CONSERVATION MEASURES, FEDERAL DEPARTMENT OF ENERGY TITLE III GRANT - MAIN LIBRARY (ECM-4) (contd)

Electrical Contract

Date Received: July 15, 1981
No. of Bids: 4
Low Bid: $16,586.00*
High Bid: $18,148.00*
Estimate of Cost: $13,200.00*
Awarded to: The Electric Power Equipment Company, Columbus, Ohio

Total All Contracts: $32,786.00
Total Contingency Allowance: $9,213.23 which is 28 per cent of construction contract**
Total Project Cost: $49,540.00
Funding: Federal Grant - $24,770.00
Budget Account 885147 - $24,770.00
Total - $49,540.00

*Recommended alternates reflected in these figures.

**Contingency includes allowance to provide duty cycling from Control Center in lieu of 2-speed fan motor control bid under Alternates M-1 and E-2 and not accepted because of poor payback.

CONVERSE HALL - ALTERATION OF HEATING SYSTEM

Description: Fin tube hot water radiator units will be added to selected rooms in basement, first floor, second floor, and third floor areas for better temperature control in these rooms. New hot water supply and return lines will be connected to existing mains in the basement of the building.

HVAC Contract

Date Received: August 12, 1981
No. of Bids: 9
Low Bid: $16,500.00
High Bid: $42,295.00
Estimate of Cost: $25,000.00
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CONVERSE HALL - ALTERATION OF HEATING SYSTEM (contd)

Awarded to: J. A. Croson Plumbing & Heating, Columbus, Ohio

Total Contract: $16,500.00

Total Contingency Allowance: $1,649.00 which is 10 per cent of construction contract

Total Project Cost: $19,454.00

Funding: Budget Account 885127

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 reported.

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

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SALE OF PROPERTY TO THE INDUSTRIAL COMMISSION OF OHIO

Resolution No. 82-23

Synopsis: A report on the sale of land to the Industrial Commission of Ohio is presented.

WHEREAS the Board of Trustees, in March, 1979, authorized the Administration to negotiate with the Industrial Commission of Ohio for the use of University property as the site for a Rehabilitation Center to be operated by the Commission's Division of Rehabilitation Services; and

WHEREAS as a result of discussions between the University and the Commission, it was determined that the best arrangement would be for the Administrator of the Bureau of Worker's Compensation, acting for the Commission, to purchase the 12.41 acre tract south of the new Veterans Administration Clinic on Kenny Road, and for this purpose a bill was introduced in the General Assembly; and

WHEREAS Amended Senate Bill 50, effective May 8, 1981, authorized the Governor to execute a deed in the name of the State conveying title to the property to the Administrator and provided that the purchase price of $636,012.50 be deposited in the University's General Fund, and further provided an option to purchase an adjacent 3.74 acre tract, east of the Veterans Administration Clinic, in the event of future expansion of the Rehabilitation Center; and
SALE OF PROPERTY TO THE INDUSTRIAL COMMISSION OF OHIO (contd)

WHEREAS pursuant to Amended Senate Bill 50, the Governor has executed a deed conveying title to the 12.41 acre tract to the Administrator for use as the site of the new Rehabilitation Center and the purchase price of $636,012.50 has been paid to the University and deposited in the University's General Fund:

NOW THEREFORE

BE IT RESOLVED, That this report on the sale of property to the Administrator of the Bureau of Worker's Compensation for use as the site of the new Rehabilitation Center be accepted and filed with the Office of the Secretary of the Board of Trustees.

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

INVESTMENTS POLICY

Resolution No. 82-24

Synopsis: Adoption of a comprehensive policy governing investments is recommended.

WHEREAS the Board of Trustees, from time to time, has adopted specific policies governing various aspects of the management of the University and endowment investment portfolios; and

WHEREAS there is a need for a comprehensive policy to provide for the overall management of these investment portfolios; and

WHEREAS the proposed University and endowment investments policy has been recommended by the University Administration, in consultation with Legal Counsel, and the Fiscal Affairs Committee:

NOW THEREFORE

BE IT RESOLVED, That the attached Investments Policy for The Ohio State University be adopted by the Board of Trustees; and

BE IT FURTHER RESOLVED, That the University Treasurer be, and hereby is, directed and authorized to implement and administer this Policy and to manage the University and endowment investments portfolios in accordance with this Policy.

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

Mr. Hilliker:

Mr. Chairman, also at this time I would like to have Dick Jackson report to the Board concerning the status of various notes that the University has in its investment portfolio.

Mr. Jackson:

We have had, over the last several months, a couple of bad—a couple of problems—trying to get out of two investments that the University had made. One was a local investment that was made some years ago and through our lawyers and with our lawyers we have gotten a return on our so-called “B” Notes of the Klingbeil Company and that money has been received in full value and has been invested, and we are very pleased to report that. Secondly, there was another organization called Main Line Fleets, Inc., in which we had actually written off the books and we have actually gotten a partial settlement in the amount of some $25,000, and we are very pleased to have gotten both of those issues settled and over the hill with both of them.

INVESTMENTS POLICY FOR THE OHIO STATE UNIVERSITY

I. Goals

It shall be the policy of The Ohio State University to manage the investment portfolios of the University and the endowment for the use and benefit of the University in a manner that will:

A. preserve and maintain the real purchasing power of the principal in the portfolios, and

B. produce a yield which, when compared to the current marketplace, would be described as acceptable by conservative investment managers.

II. Investment Philosophy

The endowment portfolio shall be managed with the intention of obtaining the highest possible “total return” (i.e., current income plus net realized and unrealized appreciation) of the investment portfolio, balancing reasonable growth with maintenance of prudently acceptable risk and maximizing income to satisfy the needs of the various endowment funds.

The University portfolio shall be managed with the intention of obtaining the highest possible “current income” for the investment portfolio while adhering to a prudent level of risk.
INVESTMENTS POLICY FOR THE OHIO STATE UNIVERSITY (contd)

III. Definitions

For purposes of this Policy, the endowment investments portfolio ("endowment portfolio") shall include all principal of the Endowment, the various charitable remainder annuity trusts, pooled income funds, unitrusts, all other gifts made to the University and the income produced on these funds. The University investments portfolio ("University portfolio") shall include all non-endowment investments of University funds.

IV. Gains/Losses

It shall be permissible for the University Treasurer to realize losses in any of the portfolios if such an action would be consistent with the University’s investment goals. Losses and gains realized on the University portfolio shall be charged or credited against current income. Losses and gains realized on the endowment portfolio shall be debited or credited against the Endowment Gain and Loss Account and are not to be distributed on a current basis.

V. Advisors

It is the policy of the University to utilize the services of external investment advisors to assist in the management of the University and endowment portfolios. The number of advisors and the amount of funds under their aegis shall be determined by the Board of Trustees. The services to be provided by investment advisors shall be specified in written agreements.

VI. Limitations

A. Not more than 10% of the University portfolio nor more than 10% of the endowment portfolio shall be concentrated in any particular industry. Certificates of deposit in banks and savings and loans shall not be deemed as an investment in the banking or savings and loan industry. Since the total amount of funds held in the University and endowment portfolios fluctuate on a day-to-day basis, the percentage concentration test shall not be monitored daily on existing investments. Rather, the test of any industry shall be made as of the date that an investment is made.

B. Endowment investments directly in any foreign country shall be made only if specifically authorized by the Vice President for Business and Administration and the Fiscal Affairs Committee. No University investments shall be made in any foreign country. No monies in either the University or endowment portfolios shall be invested in corporations headquartered outside the United States.

C. Not less than 30% nor more than 70% of the endowment portfolio shall be invested in common stocks. Additionally, not less than 30% nor more than 70% of the endowment portfolio shall be invested in fixed-income
INVESTMENTS POLICY FOR THE OHIO STATE UNIVERSITY (contd)

securities. For purposes of this limitation, the amounts recommended to be maintained in short-term investments by the equity advisors and by the fixed income advisors shall be considered as invested in common stocks or fixed-income securities, respectively, as long as those funds are committed to be invested in common stocks or fixed-income securities.

D. The stock held by the Mutual Funds owned by the endowment shall not be considered in computing the industry concentration limitations.

E. The directors, trustees, and administrators of the various funds of the University and endowment may specify terms and conditions that are more restrictive than those of this Policy but shall not permit a less restrictive policy without specific authorization from the Board of Trustees.

F. The quality rating guidelines which are to be used shall be the ratings as of the date of the purchase of the security. If a rating change occurs which disqualifies a security that is already present in one of the University's portfolios, the following procedures are to be implemented:

1. If the security is a short-term investment (to mature within one year from the date of the rating change), no action is required and the security may be held to maturity.

2. If the security is a long-term investment (maturity exceeds one year from the date of the rating change), the security must be sold within sixty days from the discovery of the rating change.

VII. Marketability

Securities purchased by the University and endowment may be listed on the New York, American or other exchange or be unlisted and traded over-the-counter provided that all securities purchased shall be readily marketable and meet the quality guidelines of this Policy. Investments that have no ready market that are gifts to the University shall be accepted if, as determined by the Vice President for Business and Administration and the University Treasurer, acceptance is in the best interest of the University.

VIII. Social Responsibility

All investments of the University and the endowment portfolios must comply with the policy of the Board of Trustees approved April 7, 1978 (included as Exhibit "A") regarding social and employment policies of corporations. Proxies shall be voted in accordance with the above policy.

IX. Authorized Investments

The following categories of investments shall be authorized for the endowment and/or the University portfolios as indicated.
A. Commercial Paper (endowment only)

1. If the maturity of the paper does not exceed 60 days from the date of purchase, the following quality and amount limitations shall apply:

   Rated A-1 (Standard and Poor’s) and P-1 (Moody’s), not more than $3,000,000.
   Rated A-1 and not rated by Moody’s, not more than $3,000,000.
   Not rated by Standard and Poor’s and rated P-1, not more than $3,000,000.
   Rated A-1 and P-2, not more than $1,000,000.
   Rated A-2 and P-1, not more than $1,000,000.

2. If the term is greater than 60 days, but less than 270 days, the following limitations shall apply:

   a. An amount not to exceed $3,000,000 in any corporation rated A-1 and P-1 and whose long-term debt is rated AA (Moody’s) or better, or whose parent company guarantees 100% of the commercial paper of its subsidiary.

   b. An amount not to exceed $3,000,000 in any corporation rated either A-1 and not rated by Moody’s, or P-1 and not rated by Standard and Poor’s, and whose long-term debt is rated AA or better or whose parent company debt rating is AA or better if that parent company guarantees 100% of the commercial paper of its subsidiary.

   c. An amount not to exceed $1,000,000 in any corporation rated A-1 and P-2, or A-2 and P-1, and whose long-term debt is rated A (Moody’s) or better or whose parent company debt rating is A or better if that parent company guarantees 100% of the commercial paper of its subsidiary.

3. No commercial paper may be purchased with a term greater than 270 days.

4. The total of commercial paper, certificates of deposit, and bank-er’s acceptances in one institution may not exceed $3,000,000 (up to $9,000,000 if the amount exceeding $3,000,000 is in certificates of deposit that are 100% collateralized at their market value). Demand accounts shall not be included in this calculation.
INVESTMENTS POLICY FOR THE OHIO STATE UNIVERSITY (contd)

5. The total investment in commercial paper shall not exceed $50 million.

6. See Section VI, paragraphs A and B for industry concentration and foreign corporation limitations.

B. Banker’s Acceptances (endowment only)

1. An amount not to exceed $3,000,000 in any bank that is rated C or better by Keefe.

2. The total of commercial paper, certificates of deposit and banker’s acceptances in one institution shall not exceed $3,000,000 (up to $9,000,000 if the amount exceeding $3,000,000 is in certificates of deposit that are 100% collateralized at their market value). Demand accounts shall not be included in this calculation.

3. No banker’s acceptances shall be purchased with a term greater than 270 days.

C. Eurodollars (endowment only)

1. An amount not to exceed $3,000,000 in banks or subsidiaries of banks rated C or better by Keefe.

2. No Eurodollars shall be purchased with a term greater than one year.

D. Corporate Bonds (endowment only)

1. An amount not to exceed $1,000,000 may be invested in the long-term debt instruments of any one company. Not more than 10% of the endowment shall be invested in any particular industry.

2. Bonds shall be A rated or better.

3. No corporate bonds shall be purchased with a term greater than 40 years.

E. Common Stock and Preferred Stock (endowment only)

An amount not to exceed 3% of the outstanding shares of a company may be purchased. Not more than 10% of the endowment portfolio shall be invested in any particular industry. All stock shall be of investment grade.
INVESTMENTS POLICY FOR THE OHIO STATE UNIVERSITY (contd)

F. Mutual Funds (endowment only)

The investment in any particular fund shall not exceed 5% of the total endowment. Investment in any fund shall not exceed 5% of the total funds of the mutual fund. All mutual funds shall be of investment grade.

G. Real Estate (endowment only)

Investments in real estate shall be made only upon specific authorization of the Board of Trustees.

H. Municipal or State Bonds (University and endowment)

1. An amount not to exceed $1,000,000 in any one municipality or state (except that there shall be no limit on OSU or OSU-related bonds).

2. Bonds shall be A rated or better (except that there shall be no limitation on OSU or OSU-related bonds).

3. No bonds shall be purchased with a term greater than 30 years.

I. Certificates of Deposit (University and endowment)

1. Collateralized at market value (University and endowment)

Not to exceed $6,000,000 in any Ohio bank authorized in Section 135.03 Ohio Revised Code which is rated C or better by Keefe or any Ohio savings and loan authorized in Section 135.03 Ohio Revised Code whose return on average net assets according to Kaplan and Smith’s publication of Ohio Savings and Loans and whose net worth as a percentage of assets according to Sheshunoff’s publication of all savings and loans in Ohio rank in the top two-thirds of the savings and loans in Ohio, provided the amount not federally insured is collateralized as provided in Section 135.18 of the Ohio Revised Code with securities eligible under Section 135.18 (B).

2. Uncollateralized (endowment only)

Not to exceed $3,000,000 in any bank or savings and loan located in the United States if uncollateralized and the bank is rated C or better by Keefe or the savings and loan’s return on average net assets according to Kaplan and Smith’s publication of savings and loans and net worth as a percentage of assets according to Sheshunoff’s publication of all savings and loans rank in the top two-thirds of the savings and loans in the United States.
INVESTMENTS POLICY FOR THE OHIO STATE UNIVERSITY (contd)

3. The total of commercial paper, certificates of deposit, and banker's acceptances in one institution may not exceed $3,000,000 (up to $9,000,000 if the amount exceeding $3,000,000 is in certificates of deposit that are 100% collateralized at their market value). Demand accounts shall not be included in this calculation.

4. No certificate of deposit shall have a term exceeding one year unless approved by the Vice President for Business and Administration and the Fiscal Affairs Committee.

J. U.S. Treasury Bills, Notes and Bonds (University and endowment)

No limitations on amount invested or term.

K. U.S. Government Agencies (University and endowment)

No limitations on amount invested or term.

L. Repurchase Agreements (University and endowment)

1. Uncollateralized (endowment only)

   There shall be no limitations on the amount invested in this vehicle provided the term of the agreement shall not exceed 30 days.

2. Collateralized at Market Value (University and endowment)

   There shall be no limitations on the amount invested in this vehicle provided the term of the agreement shall not exceed 30 days and is 100% collateralized at market value by U.S. Government securities.

M. Reverse Repurchase Agreements and Forward Commitments (University and endowment)

1. An amount not to exceed $3,000,000 may be committed under any reverse repurchase agreement or any commitment to buy U.S. Treasury or U.S. Government Agency instruments at any one time.

2. The length of the commitment may not exceed 90 days.

N. Other Investments (University and endowment)

Between meetings of the Board of Trustees, if deemed advisable, other investments not specifically authorized by this Policy may be made if approved by the Vice President for Business and Administration and the Fiscal Affairs Committee. Any such action shall be taken to the Board of Trustees at its next meeting for approval.
INVESTMENTS POLICY FOR THE OHIO STATE UNIVERSITY (contd)

X. Management of Investments

Except as provided herein, the University Treasurer shall be authorized to implement and administer this Policy on behalf of the Board of Trustees and manage the University and endowment portfolios in accordance with this Policy.

XI. Effective Date

It is understood that some of the current holdings may not meet the terms of this Policy on the date it becomes effective. Those holdings not in compliance may be maintained until the University Treasurer determines that sale would be in the best interests of the University or endowment. Any such current investments not in compliance with this Policy still held by the University or endowment six months after the effective date of this Policy shall be referred to the Fiscal Affairs Committee for a final decision as to disposition.

XII. Exceptions

Modifications and exceptions to this Policy shall be authorized only by resolution of the Board of Trustees or as provided herein. The terms and conditions of this Policy as to the endowment portfolio may be waived if specified by the terms of a gift and approved by the Board of Trustees.

XIII. Reporting and Accountability

The University Treasurer shall be accountable to the Board of Trustees for implementing this Policy. The University Treasurer shall make a written report to the Fiscal Affairs Committee at each regular meeting on the status of the University and endowment portfolios, and the Fiscal Affairs Committee shall report not less frequently than quarterly to the Board of Trustees.

April 7, 1978 meeting, Board of Trustees

EXHIBIT “A”

REPORT - FISCAL AFFAIRS COMMITTEE UNIVERSITY INVESTMENT PORTFOLIO

Mr. Devenow, Chairman of the Fiscal Affairs Committee, read the following statement as prepared by Mr. John F. Havens.

At your request and on behalf of this committee, I have spent the past several months working directly with Dr. Moulton reviewing our endowment investments as well as the policies relating to these investments. During this period I believe we have effected a number of constructive changes in our holdings which have substantially strengthened our position. Certainly the recent performance of our mutual funds, the Chicago Corporation stocks, and the stocks managed by the University have performed very favorably when compared to the current market. Dr. Moulton and I, with the assistance of an investments committee which he has
formed, are now looking into our bond holdings in the endowment. We are presently in the process of interviewing bond counsel, and we hope to be able to make a recommendation to you in this regard in the next month or two.

At this time I would like to present to you several policy recommendations relating to our endowment investments for your consideration. The first relates to the size of our individual investments in the endowment.

Because of the present size of the portfolio--approximately $60 million--I would recommend that a limit of approximately $1 million be placed on our investments in any one corporation including its subsidiaries. Exceptions, of course, can be made by this committee to this rule. Further, I would not include within this specific policy investments in mutual funds and U. S. Treasury or Federal Agencies. At the same time, I would recommend a limit of approximately five per cent be placed on our portion of the total investment within a given corporation, including its subsidiaries. Mutual funds should be included within this policy.

I hope to be back to you in the near future with a recommendation on the matter of quality indices for our bond holdings which we are presently reviewing.

I would also like to suggest some further extensions of the general policies adopted by this board in July of last year, relating to investments in corporations conducting a significant level of business activity in South Africa.

First, I wish to recommend that we communicate to those corporations in which we have investments our full support of the Sullivan Principles. Further, in those limited cases where the companies in which we have an investment have not as yet subscribed to these principles, we determine what these corporations' intent is in this regard. Based upon this information, and subsequent evaluations as to the economic progress and/or the lack thereof that each of the corporations in which we have an investment is making in implementing these principles, we will, if we do not believe it is sufficiently substantial, divest such holdings at a time of our choosing.

Second, I would recommend that we not purchase investments in any corporation not supporting the Sullivan Principles which has been listed in News for Investors published by the Investor Responsibility Research Center, Inc., as a corporation conducting a significant level of business in South Africa.

At the same time we continue to vote our stock proxies in full support of the Sullivan Principles and, where possible, support the reduction in the level of the business activities in South Africa.
The "Sullivan Principles," a statement of principles governing activities in South Africa, was drawn up under the direction of Reverend Leon Sullivan, a member of the Board of Directors of General Motors. Each corporation which agrees to adhere to the principles is committed to the following:

* non-segregation of the races in all eating, comfort and work facilities;
* equal and fair employment practices for all employees;
* equal pay for all employees doing equal or comparable work for the same period of time;
* the initiation and development of training programs that will prepare, in substantial numbers, blacks and other non-whites for supervisory, administrative, clerical and technical jobs;
* an increase in the numbers of blacks and other non-whites in management and supervisory positions; and
* improvement in the quality of employees' lives outside the work environment in such areas as housing, transportation, schooling, recreation and health facilities.


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

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UNIVERSITY HOSPITALS BOARD BYLAWS

Resolution No. 82-25

Synopsis: Amendment to University Hospitals Board Bylaws is proposed.

WHEREAS pursuant to rule 3335-103-01 of the Administrative Code, the Board of Trustees is authorized to amend the University Hospitals Board Bylaws; and

WHEREAS after a careful study of the University Hospitals Board Bylaws, as approved by the Board of Trustees on May 2, 1980, an amendment is recommended; and

WHEREAS paragraph (B) of rule 3335-97-05 is modified to increase the number of members on the Hospitals Facilities Committee from four to five:

1
NOW THEREFORE

BE IT RESOLVED, That the amendment as recommended by the University Hospitals Board on August 7, 1981 be approved.

3335-97-05 Hospital facilities committee.

(A) Purpose. The committee shall monitor the condition of the hospitals facilities and shall have the responsibility for planning and recommending additions, alterations, repair, and maintenance.

(B) Composition. The committee shall consist of five board members, appointed annually by the chairman of the board, one of whom shall serve as chairman of the committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for business and administration or designee; the medical director of the hospitals or designee; and the chief of medical staff or designee.

(C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties. (B/T 5/2/80, B/T 11/7/80, B/T 9/4/81)

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

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TRAVEL REIMBURSEMENT

Resolution No. 82-26

Synopsis: Changes in policy regarding reimbursement for out-of-state travel are recommended.

WHEREAS the Board of Trustees has authority to establish policy and reimbursement rates governing travel outside Ohio by University personnel on official business; and

WHEREAS an increase in the current reimbursement rates for out-of-state travel is deemed necessary to properly reimburse University personnel traveling outside Ohio on University business:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees adopt the revised out-of-state travel reimbursement rates which are on file in the Office of the Board of Trustees; and
September 4, 1981 meeting, Board of Trustees

TRAVEL REIMBURSEMENT (contd)

BE IT FURTHER RESOLVED, That as further changes in these lodging, meal, and mileage rates are deemed necessary from time to time, revised out-of-state reimbursement rates be incorporated into the Fees and Charges of The Ohio State University Budget and submitted to the Board for approval.

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

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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. 82-27

Synopsis: Request for authorization to enter into an agreement with the Ohio Board of Regents for the operation of the research and graduate education facility at the Transportation Research Center of Ohio.

WHEREAS the 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 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 Administration of The Ohio State University 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, East Liberty, Ohio, for the period July 1, 1981 through June 30, 1983.

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

---o---
September 4, 1981 meeting, Board of Trustees

ACCESSION OF PROPERTY - 1.82 ACRES ADJACENT TO THE MANSFIELD REGIONAL CAMPUS, RICHLAND COUNTY, OHIO
Resolution No. 82-28

Synopsis: Accession of 1.82 acres adjacent to the Mansfield Regional Campus is proposed.

WHEREAS the University has been provided with an opportunity to acquire 1.82 acres of land on the south side of State Route 39 in Richland County, Ohio, and situated northwest of, and adjacent to, the main entrance of the Mansfield Regional Campus; and

WHEREAS the property has been acquired by the Mansfield University Foundation through equal contributions of Foundation funds and funds from Mr. John B. Conard, and the Mansfield University Foundation has offered to make a gift of the property to the University through the Development Fund; and

WHEREAS it has been determined that accepting this gift is in the best interests of the University and the Mansfield Regional Campus:

NOW THEREFORE

BE IT RESOLVED, That the property be accepted as a gift to the University through the Development Fund from the Mansfield University Foundation by the Foundation’s conveyance by General Warranty Deed to the Board of Trustees of The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to the property in the name of the Board of Trustees of The Ohio State University.

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

Mr. Devenow:

You might say that that is quite an important thing for Board members that weren’t here this morning. That is a piece of property that has access to our Mansfield campus, and we were always nervous about whether somebody was going to do something that might damage the appearance of that campus. Fortunately, now we have got that as a gift and let’s thank John Mount; this was a great coup in our favor.

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REPORT - UNIVERSITY’S INVESTMENT PORTFOLIO
Resolution No. 82-29

RESOLVED, That the report on the University’s Investment Portfolio, dated August 21, 1981, 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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September 4, 1981 meeting, Board of Trustees

REPORT - FACULTY COUNCIL (UNIVERSITY SENATE)

President Jennings:

Mr. Chairman, Professor Mike Gerald is here. He is currently Chairman of the Faculty Council and would like to say a few words to this Board.

Professor Michael C. Gerald:

Thank you President Jennings. Mr. Chairman, Distinguished Members of the Board, Colleagues, and Loyal Friends of The Ohio State University--I sincerely appreciate the opportunity to join you this afternoon.

When I accepted the opportunity to chat with you this afternoon, implicitly, I also accepted the challenge offered to me by one of my colleagues to keep my remarks brief. As an individual who has been a professor at this University for about a dozen years, this is going to be indeed a formidable challenge to me.

On behalf of the faculty, I wish to congratulate the Presidential Search Committee for identifying and the Board of Trustees for selecting Dr. Edward Jennings to serve as the 10th president of our University. Your choice of this outstanding academic administrator and scholar has been warmly applauded and is strongly supported by our faculty. We believe that he amply possesses those vital professional and personal attributes required to rally and unite all elements of the University community--our students, faculty, staff, and alumni--during this immediate critical period and in the coming years ahead.

Dr. Jennings, the faculty welcomes you to The Ohio State University and hopes that you, your wife, and your sons find abundant happiness and personal and professional satisfaction during your many years here in Columbus.

Our Colleges of Administrative Sciences, Agriculture, Education, Engineering, Pharmacy, and Veterinary Medicine, among many others, have been ranked by their respective peers to be among the very best such educational institutions in the nation. Administrators, students, and faculty have all richly and generously contributed to the well-deserved preeminent reputations of these colleges and to the overall excellent standing of our University among national and international scholars. However, in the absence of significant legislative assistance, we are concerned about the continued intellectual viability of this state's greatest resource.

Our administrators have worked to foster the educational process and search for new knowledge. They have effectively and judiciously allocated funds invested by the Ohio General Assembly in today's young people--people who will apply their education acquired here at Ohio State to help shape the destiny of our state and the nation well into the 21st century. The cost of such an education at this state University must continue to remain within the reach of all academically qualified Ohioans and should not create an insurmountable economic barrier for all but the affluent.
Our University would precipitously grind to a halt without our talented administrators and would clearly lack a raison d'etre in the absence of a student body. However, the intellectual survival of this University and its stature in the academic community are primarily dependent upon the quality of its faculty and the products of their scholarly endeavors. The faculty of The Ohio State University has had a long and distinguished record for expanding the boundaries of knowledge in all fields of academic inquiry and for also providing solutions to practical problems facing us as citizens of the local community, our state, and the nation.

I hope at some opportunity in the future I will have a chance to expand upon that aspect of my remarks.

President Jennings, on behalf of the entire University faculty, once again, I wish to welcome you and reaffirm our strong desire to assist you in fulfilling the missions of this great University. Mr. Devenow, we are equally committed to serving you and your colleagues who so generously serve as members of our Board.

Thank you for permitting this opportunity to address you today.

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REMARKS - PRESIDENT JENNINGS

Mr. Chairman, let me just make a few remarks. Scholars have often said that the most important part of any job is its beginning. Now I'll say that I am in a very real sense at the beginning of my work here at Ohio State.

I want all of you to know that I am proud and privileged to be a part of this magnificent enterprise. Ohio State is undoubtedly an outstanding institution whose greatness stems, in large part, from its rich history and traditions of teaching, research and public service to the citizens of Ohio, the nation and indeed the world.

Soon after I accepted the offer of this Board, I remarked about the quality associated with Ohio State. In my few days here I have been learning first-hand about that quality in many areas of this institution, but most importantly in our faculty, our staff and our students.

The heart of our university is its faculty and Ohio State can be proud that it truly has one of the best. I have been impressed with their competence, their dedication to teaching and scholarly activity, and to the service they provide to virtually innumerable segments of the population of this state.

The students I have met, and I am anxious to meet many more when the quarter begins later this month, are vibrant, interested and serious about their education.
September 4, 1981 meeting, Board of Trustees

REMARKS - PRESIDENT JENNINGS (contd)

I have also been extremely impressed to find that staff, who in large measure are responsible for making this place work, share a deep commitment and dedication to their individual tasks and to the University as a whole.

I would be less than candid if I did not admit that we face some serious problems at this time—especially related to fiscal matters. But, I do pledge to you that I am committed to doing all that I can to see that faculty are adequately compensated and attempting to contain the ever-rising cost of education.

These challenges will indeed have the highest priorities.

Just on a personal note: my wife, Mary Eleanor, and I appreciate the many kindnesses and courtesies which have been extended to us by so many associated with Ohio State and the State of Ohio. We are looking forward to the challenges and are anxious to get on with it. Thank you very much.

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Thereupon the Board adjourned to meet Friday, October 2, 1981, at the Fisher Auditorium, Ohio Agricultural Research and Development Center, Wooster, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND SEVENTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Wooster, Ohio, October 1, 1981

The Board of Trustees met at its regular monthly meeting on Thursday, October 1, 1981, at the Ramada Inn, Wooster, Ohio, pursuant to adjournment.

The Vice Chairman, Mr. Smith, called the meeting of the Board to order at 7:45 p.m. The meeting was recessed to be reconvened in Executive Session for the purpose of discussing legal issues and personnel-related issues.


* * *

Minutes of the last meeting were approved.

* * *

Wooster, Ohio, October 2, 1981

The meeting of the Board of Trustees was reconvened in regular session at 10:30 a.m., Friday, October 2, 1981, in the Fisher Auditorium at the Ohio Agricultural Research and Development Center, Wooster, Ohio.


* * *
President Jennings:

Before I proceed with the agenda, I would like to call on Professor Michael Gerald, Chairman of the Faculty Council of the University Senate, to provide you a report on the last month's activities.

Professor Gerald:

Thank you, President Jennings. Mr. Chairman, Distinguished Members of the Board, Colleagues, and Loyal Friends of The Ohio State University. 'It was the best of times, it was the worst of times, it was the age of wisdom, it was the age of foolishness; it was the spring of hope, it was the winter of despair . . . .' So opens, as of course you know, Charles Dickens', The Tale of Two Cities.

Parenthetically, I kind of wonder whether if Mr. Dickens was enrolled in one of our freshman English courses whether people would have corrected his writing style with these rather lengthy sentences--making it rather simple.

I perceive that analogous antithetical feelings exist in the minds and hearts of many of the members of the faculty at The Ohio State University--feelings that are undermining their aggressive pursuit of academic excellence. One finds it difficult to contemplate the design and inception of a scholarly program that will require five to ten years to bring to fruition, when the immediate future—the coming days, weeks, months—are so shrouded by uncertainty at both the national and state levels.

The events of recent months reveal a shift in priorities in terms of federal support of programs in education, the social services, the arts and the humanities. Continued support of scientific and even biomedical research programs remain in doubt. There are clear signs that academic programs that have been long in their stages of development and maturation may be rapid in their emasculation and dissolution.

In the absence of the state budget, program curtailment, release of tenured faculty, and salary increases remain unresolved issues. Our concern was clearly manifested when on September 21 over 700 faculty members attended an emergency meeting at which the President and four distinguished and very well-respected faculty colleagues candidly discussed these issues. In passing, it should be noted that never before in the history of the University have so many members of the faculty been in attendance at a single meeting—with the possible exception of a nice autumn afternoon in the Ohio Stadium, of course.

On the positive side—and I would like to emphasize the positive side of my story today—many of us sense and are very greatly encouraged by the increased spirit of cooperation among the Board of Trustees, administration, students, and
October 2, 1981 meeting, Board of Trustees

ADDRESS TO BOARD OF TRUSTEES BY MICHAEL C. GERALD (contd)

Professor Gerald: (contd)

faculty. Let me provide some tangible examples of what I feel to be the nature of this cooperation. Representatives of the faculty and students were invited by this Board to play a major role in the selection of candidates for the Presidency of this University. Last week, the Steering Committee of the University Senate, under the very able and dynamic leadership of Professor Richard Gilson of the Department of Aviation, publicly announced its support for a statement issued by the Ohio Student Association. I point out that the Steering Committee of the University Senate is made up predominantly of members of the faculty and administration. This is the first time on record when this organization has indeed supported a student resolution.

In recent days, the Provost has received a report from the Ad Hoc Committee on Policies for Termination of Tenured Faculty During Financial Exigency, an outstanding faculty committee chaired by Professor James Garland of the Department of Physics. This extremely sensitive report examines general conditions which might justify the termination of tenured faculty, and includes both financial exigency as well as academic considerations for termination of such individuals. Inclusion of both of these contingencies, that is financial as well as academic concerns, will enable the University to take grasp of its destiny in setting forth to accomplish its stated missions in the most effective and efficient manner. Within the week, the entire text of this report will be disseminated to the University faculty via publication in OSU onCampus, and on October 19, all faculty will be invited to an open discussion of this report. We are hopeful that a final report will be available for submission to the University Senate at its November meeting and be presented to this Board for approval at its meeting in December.

In conclusion, the faculty acknowledges and appreciates the support of the administration and the Board of Trustees in these trying times. We, the faculty, are eagerly looking forward to returning to our laboratories and libraries, our classrooms and clinics, where we can again obsessively resume our scholarly academic endeavors. Thank you, Mr. Chairman.

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RESOLUTIONS IN MEMORIAM

Resolution No. 82-30

Synopsis: Resolutions honoring the service of five of this 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 Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
RESOLUTIONS IN MEMORIAM (contd)

Marion J. Conrad

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 5, 1981, of Marion J. Conrad, Professor Emeritus, Academic Faculty of Educational Administration.

Professor Conrad received the Bachelor of Science degree from Capital University in 1938 and the Master's and Ph.D. degrees from Ohio State in 1946 and 1952. He began his teaching career as a mathematics teacher at the Ravenna City High School in 1938 and was associated with public schools for a total of seven years, rising to the position of principal of Mariemont High School in 1948. He joined The Ohio State University staff in 1950 as a staff associate in the Bureau of Educational Research. He was head of the School Plant Division of the Bureau of Educational Research from 1956 to 1961 and in 1962 was named head of the Educational Administration and Facilities Unit in the College of Education. When he retired in 1974 he held the rank of Professor and Associate Chairman of the Academic Faculty of Educational Administration.

Professor Conrad conducted numerous studies of educational facility needs and was involved heavily in educational facility planning at the local, state, and national levels. He developed the Conrad Formula for Determining the Operating Capacity of Secondary School Buildings; demonstrated a relationship between carpeting as an acoustical floor covering and learning; developed a computer approach to building the high school master schedule; and comprehensive educational planning at the local, district, and state department of education levels; and conducted a replanning study of the Illinois plan for program development on gifted children.

He held membership in several professional associations including the Council of Educational Facility Planners, International; the American Association of School Administrators; the National Conference of Professors of Educational Administration; and the American Educational Research Association. He served on the Board of Directors of the Council of Educational Facility Planners, International and received one of the first distinguished service awards from the Council.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding it 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 a humble expression of the Board's heartfelt sympathy in its bereavement.

Matthew Charles Dodd

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 27, 1981, of Dr. Matthew Charles Dodd, Professor Emeritus, Department of Microbiology, College of Biological Sciences.

Matthew Charles Dodd was born in Circleville, Ohio, on March 24, 1910. He attended parochial school, Columbus Aquinas High School, class of 1928 and earned his Bachelor of Arts degree from Ohio State in 1933. Dr. Dodd received his doctorate at the University of Michigan in 1942 having studied Bacillus violaceus and its antigenic relationships.
October 2, 1981 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Matthew Charles Dodd (contd)

In 1941 Dr. Dodd joined the Research Division of the Norwich Pharmaceutical Company in Norwich, New York. During his stay with that company he recognized and developed the chemotherapeutically important drugs Furacin and Furadantin. The work resulted in thirteen patents issued to Dr. Dodd and his associates. His work was very important in the treatment of infections and burns of soldiers during World War II.

Dr. Dodd joined The Ohio State University in 1946 as an Assistant Professor of Bacteriology with primary interest in teaching and research in the area of immunology and pathogenic bacteriology.

During his tenure at Ohio State, Dr. Dodd was major advisor to 68 students receiving the M.S. degree and 40 receiving the Ph.D. degree.

In 1975 he was recognized as a preeminent educator when he received a national award, (Carski Distinguished Teaching Award) from his peers in the American Society for Microbiology.

Dr. Dodd served a term as Chairman of the Department of Microbiology beginning in 1967.

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.

Roger M. Thomas

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 31, 1981, of Roger M. Thomas, County Extension Agent Emeritus, Cooperative Extension Service.

Mr. Thomas joined the Extension Service of The Ohio State University as County Agricultural Agent in Scioto County in 1924. He served there until 1938 at which time he moved to Portage County where he continued as Agricultural Agent until his retirement on December 31, 1959.

He is remembered as an effective agent who was innovative in his use of visual aids. He is also remembered for his work in dairy, agronomy, artificial insemination and production testing.

Prior to becoming an Extension Agent, Mr. Thomas taught school one year and earned his Bachelor of Science in Agriculture degree from The Ohio State University. He did graduate work at Colorado State, Cornell and the University of Indiana. Mr. Thomas was active in church, community and professional organizations.
RESOLUTIONS IN MEMORIAM (contd)

Roger M. Thomas (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Thomas 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.

James D. Wilson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 2, 1981, of James D. Wilson, Associate Professor and Chairperson of the General Studies Division at the Agricultural Technical Institute.

Mr. Wilson was born December 28, 1943. He was graduated from Marion L. Steele High School in Amherst, Ohio, in 1961 and began his college studies at Baldwin-Wallace. In 1963 he transferred to The Ohio State University and was awarded his Bachelor of Science degree in anatomy/English/psychology. He pursued his post graduate work in English at Kent State University and Indiana University of Pennsylvania.

Mr. Wilson joined the faculty of The Ohio State University at the Agricultural Technical Institute in Wooster, Ohio, on July 1, 1974, after five years teaching experience at the Kent State University and the University of Akron. In 1978 Mr. Wilson became the first Chairperson of the General Studies Division at the Agricultural Technical Institute.

Mr. Wilson was a dedicated and highly respected educator. He was well known and respected among his peers and students and served the University in a commendable fashion.

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 appreciation of the Board’s realization of the loss which the family, the University and his many friends and associates have sustained.

John Harold Wilson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 28, 1981, of John Harold Wilson, Professor Emeritus, Department of English in the College of Humanities.

Dr. Wilson was born in Springfield, Ohio, on February 11, 1900. He received an A.B. degree from Oberlin College in 1922, the M.A. degree from Syracuse University in 1924, and the Ph.D. degree in English from The Ohio State University in 1927.

Dr. Wilson was an Instructor at Syracuse University from 1922-1924, and a Lecturer in English at the University of Tennessee in the Spring of 1936 and 1938. He was also a
RESOLUTIONS IN MEMORIAM (contd)

John Harold Wilson (contd)

Lecturer in English at Michigan State University in the Summer of 1958. Dr. Wilson joined the faculty of the Department of English at Ohio State in 1924 with the rank of Instructor, was promoted to Assistant Professor in 1928, to Associate Professor in 1934, and to Professor in 1942. He retired in 1968.

Dr. Wilson authored or coauthored twenty books and numerous articles, most of them dealing with his specialty, Restoration drama and 18th Century British literature. He was a Folger Fellow, a Guggenheim Fellow, and member of the Modern Language Association, the Society for Theatre Research, and the American Association of University Professors.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding it 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 a humble expression of the Board's heartfelt sympathy in its bereavement.

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PERSONNEL ACTIONS

Resolution No. 82-31

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointment of Acting Academic Faculty, Department, and/or Division Chairmen; Appointment of Director; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Title are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 4, 1981 meeting of the Board, including the following Appointments; Appointment of Acting Academic Faculty, Department, and/or Division Chairmen; Appointment of Director; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Title as detailed in the University Budget, be approved.

Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>JAMES LEE NICHOLS</th>
</tr>
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<tr>
<td>Title</td>
<td>Treasurer</td>
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<td>Department</td>
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<td>Salary</td>
<td>$34,500.00 (12-month)</td>
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<td>Effective</td>
<td>November 1, 1981 (on or about)</td>
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<td>Present Position</td>
<td>Deputy Director for Administration, Department of Energy, State of Ohio</td>
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President Jennings requested Vice President Jackson to say a word about Mr. Nichols.
October 2, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Mr. Jackson:

Thank you, Dr. Jennings. Mr. Smith, and members of the Board of Trustees, I am very pleased to be able to have the name of James Lee Nichols presented to you today for consideration for the position of University Treasurer. After Mr. Kristoff left the University, we began looking diligently for someone to replace him, and it has obviously taken some period of time. We did that purposefully because we wanted to find someone who we thought could provide leadership as well as some continuity over a period of time. I have known this young man for some period of years. I have watched him grow and mature into management positions. At this time he is Deputy Director of the Department of Energy, State of Ohio, and I am most hopeful that you will support this appointment and that we can bring him on board so that I can get Mr. Brace back from over there, back into my office where I need him so badly, and I am certainly most appreciative of the job he has done over there. I would hope that the Board would approve Mr. Nichols' appointment.

Name: VIRGINIA M. VIVIAN
Title: Professor (Carol S. Kennedy Professorship in Human Nutrition)
Department: Human Nutrition and Food Management
Salary: $37,560.00 (12-month)
Effective: September 1, 1981
Present Position: Professor, Department of Human Nutrition and Food Management and Department of Food Science and Nutrition, The Ohio State University

Appointment of Acting Academic Faculty, Department, and/or Division Chairmen

Effective September 1, 1981

Charles C. Capen
Michael C. Gerald

Veterinary Pathobiology
Pharmacology (College of Pharmacy)

Effective October 1, 1981

Robert L. Arnold
Frederic J. Cadora
Robert C. Miljus

Art Education
Judaic and Near Eastern Languages and Literatures
Labor and Human Resources

Appointment of Director

Effective October 1, 1981

Yehiel Hayon

Melton Jewish Center
October 2, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

RONALD WILSON HART, Professor, Departments of Radiology and Preventive Medicine, effective September 1, 1981 through June 30, 1982, to serve as Director, National Center for Toxicological Research for the Federal Drug Administration.

RONALD L. ERNST, Associate Professor, Department of Computer and Information Science, effective October 1, 1981 through June 30, 1982, to continue Visiting Associate Professorship at North Carolina State University.

ZANE SPIEGEL, Associate Professor, Department of Geology and Mineralogy, effective October 1, 1981 through December 31, 1981, for personal reasons.

MICHAEL FLIGNER, Assistant Professor, Department of Statistics, effective October 1, 1981 through September 30, 1982, to serve as a Visiting Associate Professor at the University of Arizona.

JOSEPH ROSENBLATT, Assistant Professor, Department of Mathematics, to change date from October 1, 1981 through September 30, 1982 to October 1, 1981 through June 30, 1982, to accept a Visiting Professorship at the University of Missouri.

DEANNE G. GORDON, Instructor, School of Nursing, effective October 1, 1981 through December 31, 1981, for personal reasons.

GAIL S. ODNEAL, Instructor, School of Nursing, effective October 1, 1981 through December 31, 1981, for personal reasons.

ELSPETH H. SAWYER, Instructor, School of Nursing, effective October 1, 1981 through June 30, 1982, to pursue graduate work leading to the Ph.D. degree.

Professional Improvement Leave


Emeritus Title

ADALBERT KOESTNER, Department of Veterinary Pathobiology, with the title Professor Emeritus, effective October 1, 1981.

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

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October 2, 1981 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 82-32

Synopsis: The reports on contracts, grants, and gifts and the summary for August 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 Office of Business and Administration of the University, 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of August 1981, be approved.

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

SUMMARY FOR AUGUST 1981

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<th>Source</th>
<th>No. of Projects</th>
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<td>The Ohio State University Research Foundation</td>
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<td>Engineering Experiment Station</td>
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<tr>
<td>The Ohio State University Development Fund</td>
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</tbody>
</table>

Establishment of Named Funds

Gamma Alpha Library Fund
(Libraries of Chemistry, Physics, Botany, Biological Sciences, and Geology Departments)

$ 12,000.00
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR AUGUST 1981 (contd)

The Ohio State University Development Fund (contd).

Establishment of Named Funds (contd)

Graduate Program in Hospital and Health Services Administration Excellence Endowment Fund (Graduate program in Hospital and Health Services Administration) $ 5,000.00

Change Name of Named Fund

From: The Porter, Wright, Morris & Arthur Professorship in Law Fund
To: The Joseph S. Platt--Porter, Wright, Morris & Arthur Professorship in Law Fund

Report from Presidents Club

Members to date 4,489
1981 members: year to date 102
New members - August 1981 11

New Presidents Club Members - August 1981

Brian D. Andresen
Christopher J. Barber
Patricia J. Carroll
Teresa M. Carroll
Rosemary Chalfin
Donald J. Francill

Mark Guess
Jay D. Iams
Mary L. Summer
Earl E. Ward
Jerry L. Wircenski

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October 2, 1981 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
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<tbody>
<tr>
<td>$48,319.00</td>
<td>Department of Health and Human Services, Public Health Service, Bureau of Health Personnel Development and Service, Division of Student Services, Hyattsville, Maryland, Scholarship Program for First-Year Students of Exceptional Financial Need, College of Dentistry, July 1, 1981 through June 30, 1982. (Grant No. 05L 390075-81 BHL 17-30, Former No. 27450430151)</td>
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<td>$39,356.00</td>
<td>Department of Health and Human Services, Public Health Service, Bureau of Health Personnel Development and Service, Division of Student Services, Hyattsville, Maryland, Scholarship Program for First-Year Students of Exceptional Financial Need, College of Medicine, July 1, 1981 through June 30, 1982. (Grant No. 05L 390071-81 BHL 17-10, Former No. 17450430151)</td>
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<td>$9,158.00</td>
<td>Department of Health and Human Services, Public Health Service, Bureau of Health Personnel Development and Service, Division of Student Services, Hyattsville, Maryland, Scholarship Program for First-Year Students of Exceptional Financial Need, College of Veterinary Medicine, July 1, 1981 through June 30, 1982. (Grant No. 05L 390083-81 BHL 17-70, Former No. 77450430151)</td>
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<td>$9,099.00</td>
<td>Department of Health and Human Services, Public Health Service, Bureau of Health Personnel Development and Service, Division of Student Services, Hyattsville, Maryland, Scholarship Program for First-Year Students of Exceptional Financial Need, College of Optometry, July 1, 1981 through June 30, 1982. (Grant No. 05L 390077-81 BHL 17-40, Former No. 47450430151)</td>
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<td>$7,989.00</td>
<td>Department of Health and Human Services, Public Health Service, Bureau of Health Personnel Development and Service, Division of Student Services, Hyattsville, Maryland, Scholarship Program for First-Year Students of Exceptional Financial Need, College of Pharmacy, July 1, 1981 through June 30, 1982. (Grant No. 05L 390079-81 BHL 17-50, Former No. 57450430151)</td>
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TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $ 113,921.00

Other Research Contract/Grant

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<td>$10,000.00</td>
<td>Franklin County Board of Education, Central Ohio Instructional Resource Center, Columbus, Ohio, Off Campus Inservice Courses through Central Ohio Special Education Regional Resource Center, Academic Faculty for Exceptional Children, September 6, 1981 through June 15, 1982. (Contractual Agreement - 2, Project 642R-6B-82-R)</td>
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</table>
October 2, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$489,920.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt) and Department of Anatomy (J. S. King), 1 September 1981 through 31 August 1982. (Project 763358 - Continuation)

$433,880.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (M. E. Barus), 1 October 1981 through 30 September 1982. (Project 760081 - Continuation)

$336,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant Programs, Rockville, Maryland, The Ohio State Sea Grant Program 1981-1982, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1981 through 31 August 1982. (Project 762833 - Continuation)

$185,703.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 September 1981 through 31 August 1982. (Project 760043 - Continuation)


$142,299.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Minority Student Recruitment, Preparation, and Retention Program Towards Careers in Dentistry, Medicine, Optometry, Pharmacy, and Veterinary Medicine, College of Medicine - Administration (E. C. Craig and C. L. Yash), 1 September 1981 through 31 August 1982. (Project 762834 - New)

$128,122.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School - Administration (A. S. Pruitt), 1 September 1981 through 31 August 1982. (Project 762831 - New)
October 2, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$125,000.00 - National Science Foundation, Washington, D. C., Acquisition of a Helium Liquefier-Recovery System, Department of Physics (J. R. Gaines), 1 August 1981 through 31 July 1983. (Project 762794 - New)

$113,083.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School Nursing (E. L. Fritz), 1 July 1981 through 30 June 1982. (Project 760803 - Continuation)

$107,286.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Organelle Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1981 through 31 July 1982. (Project 760122 - Continuation)

$90,000.00 - Department of Agriculture, Arlington, Virginia, A Sustained Release Parenteral Dosage Form of Magnesium for the Prevention of Hypomagnesemia, Department of Veterinary Clinical Sciences (G. F. Hoffsis), 1 July 1981 through 30 June 1983. (Project 762808 - New)

$87,044.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1981 through 31 August 1982. (Project 760026 - Continuation)

$86,416.00 - Department of Education, Rehabilitation Services Administration, Washington, D. C., Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. W. Johnson), 1 July 1981 through 30 June 1982. (Project 760750 - Continuation)

$86,220.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D. T. Witiak), 1 September 1981 through 31 August 1982. (Project 762769 - Continuation)

$84,474.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1980 through 30 November 1981. (Project 761196 - Continuation)
October 2, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$81,748.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, Detection of DNA Damage Following Exposure to Genotoxins, Departments of Pharmacology and Radiology (S. M. D’Ambrosio) and Department of Medicine (R. Whisler), 1 September 1981 through 31 August 1982. (Project 762787 - New)

$79,930.00 - Department of Education, Office of Dissemination and Professional Improvement, Washington, D. C., Teacher Corps, Academic Faculty of Early and Middle Childhood Education (C. R. Williams and R. Cunningham), 15 July 1981 through 14 July 1982. (Project 761660 - Continuation)

$75,016.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., The Electrophysiologic Mechanisms of Halogenated Alkane Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 September 1981 through 31 August 1982. (Project 761648 - Continuation)

$72,000.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. Walter, R. Marhefka, and R. Rudduck), 24 June 1981 through 31 July 1982. (Project 761784 - Continuation)

$70,848.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, C-Reactive Protein Regulation of Tumor Immunity, Department of Microbiology (R. F. Mortensen), 1 July 1981 through 30 June 1982. (Project 762354 - Continuation)

$67,644.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 April 1981 through 15 January 1982. (Project 762359 - Continuation)

$65,300.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1981 through 31 July 1982. (Project 762803 - Continuation)

$64,445.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Felv Leukemogenesis and Phenoplastic Lesions, Department of Veterinary Pathobiology (R. G. Olsen), 1 September 1981 through 30 June 1982. (Project 762826 - New)
Federal Research Contracts/Grants (contd)

$63,000.00 - Tennessee Valley Authority, Chattanooga, Tennessee, Coal Pile Electromagnetic Sensing Research, Department of Electrical Engineering, Electro-Science Laboratory (J. Young), 16 April 1981 through 30 September 1982. (Project 762162 - Continuation)


$52,897.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Chromatin in Spermatogenesis and Fertilization, Department of Veterinary Pathobiology (K. Marushige), 1 September 1981 through 31 August 1982. (Project 761910 - Continuation)

$52,070.00 - National Science Foundation, Washington, D. C., A Multistage Molecular Model for Neoplastic Transformation in Rats, Cancer Research Center (P. C. Kimball), 1 September 1981 through 31 August 1982. (Project 761782 - Continuation)

$51,378.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1981 through 30 June 1982. (Project 761710 - Continuation)

$51,367.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 1 September 1981 through 31 August 1982. (Project 761909 - New)

$50,445.00 - National Science Foundation, Washington, D. C., Ultrastructure of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 October 1981 through 30 September 1982. (Project 762215 - Continuation)
October 2, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$49,656.00 - National Science Foundation, Washington, D. C., Resident and Neighborhood in the American City: 1920 to 1980, Department of Geography (K. R. Cox), 1 September 1981 through 31 August 1983. (Project 762813 - New)

$47,971.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Independent Forcing of Lung Volume and CO2 Concentration, Department of Physiology (A. L. Kunz), 1 August 1981 through 31 July 1982. (Project 762820 - New)

$41,040.00 - Department of the Army, Natick Research and Development Command, Natick, Massachusetts, TCM Replacement, Department of Civil Engineering (O. Sproul and A. Rubin), 28 July 1981 through 5 August 1982. (Project 762682 - Continuation)

$40,000.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Theoretical Foundations of Software Technology, Department of Computer and Information Science (B. Chandrasekaran, L. J. White, and H. W. Buttelmann), 1 July 1981 through 30 June 1982. (Project 761640 - Continuation)

$38,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Intestinal Secretion: Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1981 through 31 August 1982. (Project 761373 - Continuation)

$35,000.00 - 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), 10 August 1981 through 30 November 1981. (Project 762612 - Continuation)

$35,000.00 - National Science Foundation, Washington, D. C., Conducting Polymers: Magnetic, Optical and Transport Studies, Department of Physics (D. B. Tanner), 1 August 1981 through 31 July 1982. (Project 762830 - 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)

$34,999.00 - National Science Foundation, Washington, D. C., Cenozoic Biostratigraphy of Antarctica, Institute of Polar Studies (P. N. Webb), 1 September 1981 through 31 August 1982. (Project 762812 - New)

$34,000.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Scale Shape as an Innate Tag for the Identification of Striped Bass Stock, Department of Zoology (T. J. Peterle, R. F. Carline, and F. J. Margraf), 1 September 1981 through 30 June 1982. (Project 762788 - New)

$32,694.00 - National Science Foundation, Washington, D. C., Studies of Petrified Carboniferous Age Fungi, Department of Botany (T. N. Taylor and S. P. Stubblefield), 1 August 1981 through 31 July 1982. (Project 762801 - New)

$31,948.00 - National Science Foundation, Washington, D. C., Collaborative Research and Monographic Study of the Genus Coreopsis (Compositae), Department of Botany (D. J. Crawford), 1 September 1981 through 31 August 1982. (Project 762328 - Continuation)

$31,803.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells in Vitro, College of Pharmacy (D. Witiak), 1 July 1980 through 30 September 1981. (Project 762177 - Continuation)

$31,467.00 - 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), 1 July 1981 through 30 June 1982. (Project 761133 - Continuation)


$29,992.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 July 1981 through 14 September 1982. (Project 760226 - Continuation)

$29,800.00 - National Science Foundation, Washington, D. C., Development of a Course in Chemical Process Design Based on Computer-Graphic Techniques, Department of Chemical Engineering (K. S. Knaebel and L. S. Fan) and Department of Industrial and Systems Engineering (R. S. Ahluwalia), 31 July 1981 through 29 February 1984. (Project 762819 - New)
October 2, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$29,761.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Hormonal and Dietary Control of ATP Citrate Lyase, Department of Food Science and Nutrition (K. L. Koehrig), 1 September 1981 through 31 August 1982. (Project 762408 - Continuation)

$27,645.00 - National Science Foundation, Washington, D. C., EEA, A Differentiation Enhancing Factor in Acanthamoeba: Characterization, Synthesis, and Fate, Department of Microbiology (T. J. Byers), 1 August 1981 through 31 July 1982. (Project 762309 - Continuation)

$19,736.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effects of Autoconial Deprivation on Gravity Receptors, Department of Otolaryngology (D. J. Lim and D. R. Trune), 1 August 1981 through 31 July 1982. (Project 761485 - Continuation)

$15,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, Boulder, Colorado, Viscous Stability of Tornado-Like Vortices, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 1 July 1981 through 30 June 1982. (Project 761347 - Continuation)

$15,000.00 - Department of Education, National Institute of Education, Washington, D. C., Participatory Democratic Evaluation: A Case Study of an Emerging Model, Academic Faculty of Early and Middle Childhood Education (R. Donmoyer), 1 September 1981 through 31 August 1982. (Project 762805 - New)

$14,995.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Experimental Investigation of Flow Fields of Rotors in Hover with Modified Tips, Department of Mechanical Engineering (H. R. Velkoff), 1 July 1981 through 30 September 1981. (Project 760964 - New)

$14,224.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Predoctoral Internship in Health Care Psychology, Department of Psychiatry (P. A. Marks), 1 August 1981 through 30 June 1982. (Project 761167 - Continuation)

$12,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of a Vaccine Against Lethal Exotoxin of Pseudomonas Aeruginosa, Department of Microbiology (N. R. Baker), 1 June 1981 through 31 May 1982. (Project 761141 - Continuation)
October 2, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

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<th>Amount</th>
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<th>End Date</th>
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<tr>
<td>$10,000.00</td>
<td>National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, SETI Research, Department of Electrical Engineering (J. D. Kraus and R. S. Dixon), 1 July 1981 through 31 December 1981.</td>
<td>760413 - Continuation</td>
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<td>$9,278.00</td>
<td>National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Additional Work on “Study to Determine the IFR Operational Profile of the General Aviation Single-Pilot,” Department of Aviation (G. S. Weislogel and G. C. Chapman), 1 July 1981 through 30 November 1981.</td>
<td>761869 - Continuation</td>
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<td>$9,000.00</td>
<td>Department of the Air Force, Aeronautical Systems Division (AFSC), Wright Patterson Air Force Base, Ohio, Supercritical Airfoil Wind Tunnel Flutter Research, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 20 July 1981 through 30 September 1981.</td>
<td>762832 - New</td>
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<td>$8,716.00</td>
<td>National Science Foundation, Washington, D. C., Thermoregulatory Significance of Pigment Intensity in Avian Adaptations, Department of Zoology (S. I. Lustick), 1 September 1981 through 31 October 1982.</td>
<td>761934 - Continuation</td>
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<td>$7,999.00</td>
<td>National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Ultraviolet Studies of Some Be Stars of Later Type, Department of Astronomy (A. E. Slettebak), 1 September 1981 through 31 August 1982.</td>
<td>762142 - Continuation</td>
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<td>$6,000.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute and Fogarty International Center, Bethesda, Maryland, Satellite Symposium on Comparative Respiration, Department of Physiology (A. L. Kunz), 1 August 1981 through 30 November 1981.</td>
<td>762816 - New</td>
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<td>$1,891.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Organelle Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1981 through 31 July 1982.</td>
<td>760122 - Continuation</td>
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<td>$1,250.00</td>
<td>Department of the Army, Army Research Office, Research Triangle Park, North Carolina, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 3 August 1981 through 30 November 1981.</td>
<td>761955 - Continuation</td>
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TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $4,497,770.00
October 2, 1981 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

$78,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, Center for Real Estate Education and Research (R. L. Racster), 1 July 1981 through 30 June 1982. (Project 762738 - New)

$10,650.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Physical Medicine (D. Poindexter), 1 July 1980 through 30 June 1981. (Project 762262 - Continuation)

$10,300.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1981 through 31 October 1981. (Project 762760 - Continuation)

$5,000.00 - Ohio Arts Council, Columbus, Ohio, Arts-of-the-Book Apprenticeship at The Logan Elm Press, Department of Art Education (K. A. Marantz), 1 August 1981 through 15 June 1982. (Project 762807 - New)

$2,000.00 - Ohio Historical Society, Columbus, Ohio, Regional Preservation Office 7HA, Mansfield Campus (D. Kramer and S. McQuillen), 15 February 1981 through 30 September 1981. (Project 762441 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 105,950.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$272,386.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry (W. A. Zacherl), 1 July 1981 through 30 June 1982. (Project 762065 - Continuation)

$127,464.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Interprofessional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Academic Faculty of Educational Administration (L. Cunningham), 1 October 1981 through 30 September 1982. (Project 762825 - New)

$123,344.00 - Franklin County Mental Retardation Board, Columbus, Ohio, Preschool Program, The Nisonger Center for Mental Retardation (M. Guralnick), 1 September 1981 through 30 August 1982. (Project 762815 - Continuation)

$100,529.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry (C. Conroy), 1 July 1981 through 30 June 1982. (Project 760029 - Continuation)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

<table>
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<tr>
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<td>$78,000.00</td>
<td>Battelle Memorial Institute Foundation, Columbus, Ohio, A Numerical Problem Solving Course for Underprepared College Intending Seniors, Department of Mathematics (J. R. Leitzel), 1 July 1981 through 30 June 1983.</td>
<td>(Project 762802 - New)</td>
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<td>$62,725.00</td>
<td>W. K. Kellogg Foundation, Battle Creek, Michigan, Development of a Non-Traditional Medical Record Administration Program, School of Allied Medical Professions (M. S. Pariser), 1 September 1981 through 31 August 1982.</td>
<td>(Project 762768 - New)</td>
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<td>$38,662.00</td>
<td>University of Florida, Gainesville, Florida, Development of a Vaccine against <em>Haemonchus Contortus</em> in Sheep, Department of Veterinary Pathobiology (C. H. Courtney), 1 July 1981 through 31 August 1984.</td>
<td>(Project 762796 - New)</td>
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<td>$36,774.00</td>
<td>University of Pittsburgh, Pittsburgh, Pennsylvania, The Evolution and Mechanisms of Symbiont-Host Recognition on Two Insect Disorders, Department of Medical Microbiology and Immunology (N. L. Somerson and J. D. Pollack), 1 September 1979 through 31 August 1982.</td>
<td>(Project 761856 - Continuation)</td>
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<td>$34,648.00</td>
<td>International Business Machines Corporation, San Jose, California, Transition Metal Mediated Carbon-Carbon Bond Formation, Department of Chemistry (D. J. Hart), 1 August 1981 through 31 July 1982.</td>
<td>(Project 762800 - New)</td>
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<td>$30,000.00</td>
<td>American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1981 through 30 June 1982.</td>
<td>(Project 764472 - Continuation)</td>
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<tr>
<td>$27,500.00</td>
<td>The Procter &amp; Gamble Company, Cincinnati, Ohio, Detection of Neurotoxicity by Morphologic and Functional Techniques, Department of Medicine (J. P. Mendell and Z. Sahenk), 1 July 1981 through 31 December 1982.</td>
<td>(Project 762821 - New)</td>
</tr>
<tr>
<td>$27,008.00</td>
<td>Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Study the Relationships Between Fracture Mechanics and Ultrasonic Parameters of Graphonol, Department of Welding Engineering (L. Adler), 20 July 1981 through 31 July 1982.</td>
<td>(Project 762817 - New)</td>
</tr>
</tbody>
</table>
October 2, 1981 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (cont'd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (cont'd)

$24,000.00 - Twelve 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 1981 through 20 June 1982. (Project 761599 - Continuation)

$21,100.00 - American Association of School Administrators, Arlington, Virginia, Study of the American Superintendency, Academic Faculty of Educational Administration (L. L. Cunningham), 1 June 1981 through 31 December 1981. (Project 762778 - New)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Prostanoids and Serum Lipids in the Exercise Conditioned Rat, Department of Physiological Chemistry (A. J. Merola), 1 October 1981 through 30 September 1982. (Project 762795 - New)

$15,000.00 - Kappa Delta Pi, Lafayette, Indiana, Workshops and Research Studies, Academic Faculty of Educational Foundations and Research (J. Frymier), 1 September 1981 through 31 December 1982. (Project 762804 - New)

$14,978.00 - San Jose State University Foundation, San Jose, California, Theoretical Analysis of Impurity Band Broadening and Bandgap Narrowing in Semiconductor Materials, Department of Physics (L. C. Brown), 1 June 1981 through 31 May 1982. (Project 762740 - New)

$12,081.00 - University of Cincinnati, Cincinnati, Ohio, A Statewide Project to Prepare a Curriculum Guide for Training in Health Education Services in Nutrition, College of Medicine - Administration (J. B. Battles), 1 July 1981 through 30 September 1981. (Project 762754 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Role of Herpesvirus in Atherosclerosis, Department of Microbiology (M. T. Muller), 1 October 1981 through 30 September 1982. (Project 762828 - Continuation)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Vascular Changes in Placental Bed in Hypertensive Pregnancy, Department of Obstetrics and Gynecology (R. O'Shaughnessy), 1 October 1981 through 30 September 1982. (Project 762725 - New)

$5,000.00 - Madison County Hospital, London, Ohio, Psychology Internship, Academic Faculty of Special Services (J. Quaranta), 1 February 1981 through 31 August 1981. (Project 762798 - New)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$4,857.00 - The Prudential Insurance Company of America, Newark, New Jersey, Behavior Modeling Training Films, Department of Psychology (M. D. Hakel), 1 June 1981 through 31 October 1981. (Project 762824 - New)


TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,134,035.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$115,486.00 - Florida Department of Transportation, Tallahassee, Florida, Fabrication of Two Pavement Friction Measurement Systems, Transplex, August 2, 1981 through March 31, 1982. (312713/7009)

Industrial and Other Sponsored Research and Development

$430,000.00 - various industries for general support of the Center for Welding Research, Department of Welding Engineering, August 1, 1981 through July 31, 1982. Current industry participants and their respective levels of support include:

Bishopric Products, Inc., Cincinnati, Ohio $ 30,000
Caterpillar Tractor Co., E. Peoria, Illinois 30,000
Euclid, Inc., Cleveland, Ohio 30,000
GATAx, Gard, Inc., Niles, Illinois 30,000
G. E. Aircraft Engine, Evendale, Ohio 80,000
GM Technical Center, Detroit, Michigan 30,000
IBM, Armonk, New York 30,000
Standard Oil, Cleveland, Ohio 30,000
Westinghouse, Pittsburgh, Pennsylvania 30,000
Pending Support 110,000

The CWR second year research program consists of the following projects:

Director's Office--added funding total of $124,950 (529090)
Sensing and Control of Arc Welding Process 214,760 (529501)
Weld Pool Solidification under Power Variations 69,830 (529502)
October 2, 1981 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

<table>
<thead>
<tr>
<th>Research Activity</th>
<th>Amount</th>
<th>Project Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser and Laser-Arc Welding Studies</td>
<td>$70,620</td>
<td>(529503)</td>
</tr>
<tr>
<td>Weld Strength of Steel Structures</td>
<td>75,070</td>
<td>(529504)</td>
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<tr>
<td>Weld Discontinuity Analysis</td>
<td>67,210</td>
<td>(529505)</td>
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<tr>
<td>Resistance Welding</td>
<td>45,000</td>
<td>(529506)</td>
</tr>
<tr>
<td>Micro Joining</td>
<td>22,560</td>
<td>(529507)</td>
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The second year of CWR activity includes federal support from National Science Foundation through The Ohio State University Research Foundation Project 713272 totalling $260,000.00. (EES 529090, 529501-8)

$122,945.00 - various industries for 40 development projects conducted in six departments for the College of Engineering.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $ 552,945.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$128,911.72 - Trust Under the Will of Kathryn L. Mitchell, Columbus, Ohio, for Gilbert and Kathryn Mitchell Fund.

$68,450.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$25,000.00 - Norden Laboratories, Lincoln, Nebraska, for Veterinary Pathobiology Graduate Training Fund.

$25,000.00 - Texagulf, Inc., Stamford, Connecticut, for Endowed Professorship in Plant Protection.

$17,318.75 - Hoffmann-LaRoche, Inc., Nutley, New Jersey (given in the name of Dr. Brian D. Andresen), for Clinical Pharmacology Fund.

$17,000.00 - The George Gund Foundation, Cleveland, Ohio, for furtherance of extension work in Cuyahoga County.

$16,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

$13,944.00 - SmithKline Corporation, Philadelphia, Pennsylvania, for O.S.P.A.
October 2, 1981 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)

$12,184.64 - Systems Associates, Inc., Columbus, Ohio (given in the name of Thomas M. Bashore, M.D. and John M. Stang, M.D.), for Cardiology Support Fund.

$11,808.22 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$11,400.00 - The Lubrizol Foundation, Cleveland, Ohio-$7,000.00 for Lubrizol Foundation Fellowship Fund for Chemistry; $2,400.00 for Lubrizol Foundation Scholarship Fund; and $2,000.00 for Lubrizol Foundation Scholarship Fund for Chemical Engineering.


$10,000.00 - Iddings Foundation, Dayton, Ohio, for Iddings Foundation Scholarship Fund.

$10,000.00 - Carl Shurtz, Tucson, Arizona-$7,500.00 for College of Medicine Progress Fund and $2,500.00 for University Hospital Atrium Fund.

$9,193.83 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$8,600.00 - Harry K. Tayama, Columbus, Ohio, for Ohio Florists Association Special Fund.

$8,380.08 - Westfield Companies, Westfield Center, Ohio, for Ohio 4-H Foundation Support Fund.

$8,000.00 - Phi Beta Psi Charity Trust Fund, Bryan, Ohio, for Cancer Research Fund.

$7,500.00 - The B. F. Goodrich Company, Akron, Ohio, for B. F. Goodrich Company Fund for Polymer Engineering Research Fund.


$6,500.00 - Len Immke Buick, Columbus, Ohio, for Presidents Club Special Fund.

$6,500.00 - Pennsylvania Power and Light Company, Allentown, Pennsylvania, for Mechanical Engineering Coal Combustion Laboratory Fund.
October 2, 1981 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)

$6,250.00 - Owens-Corning Fiberglas Corporation, Toledo, Ohio--$6,000.00 for Owens-Corning Fiberglas Engineering Scholarship Fund and $250.00 for College of Engineering Special Fund.

$6,025.00 - Mrs. Jesse M. Joseph, Cincinnati, Ohio (100 shares of Martin Marietta common stock), for Division of Hematology and Oncology Research Fund.

$6,000.00 - Mosier Industries, Inc., Brookville, Ohio, for Mosier Fund.

$5,500.00 - Ohio Farm Bureau Federation, Inc., Columbus, Ohio (given in the name of Glenn R. Pirtle), for Farm Bureau Scholarship Fund.

$5,363.15 - Ohio Urology, Inc., Columbus, Ohio, for Urology Education Fund.

$5,250.00 - Kibbkle Foundation, Gahanna, Ohio, for Kibbkle Foundation Scholarship Fund.

$5,035.00 - D. J. and J. N. Knnull Trust, Columbus, Ohio, for D. J. and J. N. Knnull Fund.


$5,000.00 - Norman O. Cappel, Ph.D., Cochraneville, Pennsylvania, for Department of Chemistry Support Fund.

$5,000.00 - Park National Bank, Newark, Ohio, for Everett D. Reese and Park National Bank Fund for the Faculty of Finance.

$5,000.00 - John J. Schiff, Jr., Cincinnati, Ohio, for Ohio State University Veterinary Alumni Student Scholarship Fund.

Gift-in-Kind

$9,950.00 - Dr. D. A. Severino, Columbus, Ohio, 995 books.

Establishment of Named Funds

Gamma Alpha Library Fund

The Gamma Alpha Library Fund was established October 2, 1981, with gifts to The Ohio State University through The Ohio State University Development Fund from The Ohio State Gamma Alpha Association.
October 2, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Gamma Alpha Library 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.

Income from the fund is to be used annually to purchase reference materials, such as books, journals, and microformated materials, for the University Science Libraries, i.e., libraries of the Chemistry, Physics, Botany, Biological Sciences and Geology Departments. The available funds will be used in a manner that will benefit as equitably as possible all of the named libraries. Requisitions for such funds will be made in consultation with the librarians of the respective named libraries by the appropriate dean in cooperation with the University Director of Libraries.

Should the needs for these funds cease to exist, 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 appropriate administrative official of the University who is then directly responsible for the University Libraries.

Graduate Program in Hospital and Health Services Administration
Excellence Endowment Fund

A Graduate Program in Hospital and Health Services Administration (H.H.S.A.) Excellence Endowment Fund was established October 2, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni and friends of the 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 principal and/or income is to be used to support and advance the Graduate Program in Hospital and Health Services Administration at the direction of the Executive Committee of the Alumni Association of the Graduate Program in Hospital and Health Services 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 recommendations from the appropriate administrative official of the University who is then directly responsible for the graduate program.
October 2, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change Name of Named Fund

The Joseph S. Platt--Porter, Wright, Morris & Arthur Professorship in Law Fund*

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

WHEREAS gifts and pledges of gifts have been received from several individuals for the establishment of The Joseph S. Platt--Porter, Wright, Morris & Arthur Professorship in Law; and

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

WHEREAS at such time as the gifts reach a total of $250,000, the annual income shall be used to provide support for the work of a distinguished scholar and teacher in the College of Law with appointment to The Joseph S. Platt--Porter, Wright, Morris & Arthur Professorship to be recommended to the Provost by the Dean of the College of Law, for approval by the Board of Trustees; and

WHEREAS the Professorship shall be known as "The Joseph S. Platt--Porter, Wright, Morris & Arthur Professorship in Law" but should the name of the firm change or should the firm dissolve, separate or merge with another firm, the name of this professorship may be changed, in the sole discretion of the Dean of the College of Law, to a name most clearly coinciding with the original purpose of this endowment; and

WHEREAS there will be a period until this fund reaches the level necessary to endow a professorship, the income from the fund may, until that time, be used in the discretion of the Dean of the College of Law in such manner as will best serve the needs of the College of Law, including, but not limited to adding the income to this endowed fund or establishing a designated professorship; and

WHEREAS 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the College of Law:

NOW THEREFORE

BE IT RESOLVED, That "The Joseph S. Platt--Porter, Wright, Morris & Arthur Professorship in Law Fund" be established in accordance with the wishes of the donors.

*Formerly The Porter, Wright, Morris & Arthur Professorship in Law Fund.
October 2, 1981 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 82-33

Synopsis: Plans and specifications are being proposed for the following project.

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

FAWCETT CENTER FOR TOMORROW, INSTALLATION OF SMOKE DETECTORS

Project: Provide smoke detectors for individual guest rooms, office and meeting room areas, and provide smoke detectors in elevator lobby areas to operate the elevators in the hotel section of Fawcett Center for Tomorrow.

Funding: Budget Account 885164

Estimated Project Cost: $112,000.00

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 Administration 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 Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--o--

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 82-34

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 Administration 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 2, 1981 meeting, Board of Trustees

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

MASONRY REPAIRS (EXTERIOR) 1981 - PHASE II

Description: Repair deteriorated masonry on Derby Hall, Graduate School, Orton Hall, McCracken Power Plant and Mathematics Building.

General Contract

Date Received: August 18, 1981
No. of Bids: 3
Low Bid: $249,289.00
High Bid: $274,472.00
Estimate of Cost: $282,800.00
Awarded to: Trisco System, Inc., Lima, Ohio
Total Contract: $249,289.00
Total Contingency Allowance: $ 6,566.09 which is 3 per cent of construction contract
Total Project Cost: $260,000.00
Funding: Budget Account 885156

ROOF REPLACEMENT - 1981, PHASE II

Description: Restoration of roofing systems for the Dining Hall, Jay Cooke Residence (Castle) and Stone Cottage located on Gilbraltar Island at Put-In-Bay, Ohio.

General Contract

Date Received: September 9, 1981
No. of Bids: 3
Low Bid: $ 39,750.00
High Bid: $ 61,890.00
Estimate of Cost: $ 46,500.00
Awarded to: Rosslin Construction & Maintenance Co., Columbus, Ohio
Total Contract: $ 39,750.00
Total Contingency Allowance: $ 2,855.09 which is 7 per cent of construction contract
Total Project Cost: $ 45,000.00
Funding: Budget Account 885155
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

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 reported.

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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EASEMENT - COLUMBIA GAS OF OHIO, INC.

Resolution No. 82-35

Synopsis: Renewal of Easement for Columbia Gas of Ohio, Inc.

WHEREAS the University on August 3, 1966 granted a fifteen-year easement to Columbia Gas of Ohio, Inc., for the purpose of installing a gas pipeline along the north side of Case Road; and

WHEREAS said easement expired August 2, 1981; and

WHEREAS the Department of Administrative Services has prepared the necessary legal instruments to renew said easement for a period of fifteen years; and

WHEREAS the appropriate University agencies have recommended that said renewal be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to execute the necessary instruments to provide for said easement renewal.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 82-36

RESOLVED, That the report on the University’s Investment Portfolio, dated September 18, 1981, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--o--
President Jennings:

Mr. Chairman, I would just like to point out a few things. First of all, I would like to extend our thanks—my thanks—to OARDC, Dean Kottman, and their staff for providing these fine facilities for our meeting, and I do look forward to Dean Kottman and his staff giving us a tour of the OARDC facilities. I think an opportunity to come to what we hope legislatively will be a fully integrated part of Ohio State very shortly is a good opportunity. I also look forward, I think with the success of this, perhaps getting around the state much more and perhaps we might even be able to go to some of our other facilities outside Columbus even for Board meetings as that develops.

Just a comment. Yesterday afternoon the House by a two to one vote did pass the budget bill which is essentially with some exceptions the same budget bill that we have been talking about. I certainly commend the House for their activity there and for their recognition of the financial difficulties of not only Ohio State but all of higher education as well as primary and secondary education around the state. I think that if that bill now goes through the Senate, the major financial problems of this institution can be solved, but I want to emphasize that this bill, if it comes out of the Senate in its current status, is a bill that will essentially restore the cuts that were made last year and will provide for very, very little expansion in this institution, if any. Anything beyond the restoration would be simply to catch up as we understand the figures now. The bill, beyond the restoration, provides an additional $4 million beyond the restoration of last year’s initial budget so that you can see $4 million out of a total budget of $500 million is not a great expansion. And this will not eliminate the need for financial control and financial stringency, it will simply allow us to get us out of our worst problems with faculty salaries and tuition. That concludes my report.

--o--

Thereupon the Board adjourned to meet Friday, November 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Warren J Smith  
Vice Chairman
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Columbus, Ohio, November 6, 1981

The Board of Trustees met at its regular monthly meeting on Friday, November 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
November 6, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

ELECTION OF TREASURER

Resolution No. 82-37

WHEREAS paragraph (B) of Rule 3335-1-02 of the Administrative Code provides for replacement of Board officers through election; and

WHEREAS a new University Treasurer was approved at the October 2, 1981 meeting:

NOW THEREFORE

BE IT RESOLVED, That James Lee Nichols be elected Treasurer of the Board of Trustees.

Upon motion of Mr. Smith, 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. 82-38

Synopsis: Resolutions honoring the service of two of this 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. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

K. Kenney Crooks

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 18, 1981, of K. Kenney Crooks, Assistant Professor in the Department of Surgery, Division of Urology, Head of Section of Pediatric Urology.
K. Kenney Crooks (contd)

Dr. Crooks was born in Newport News, Virginia, in 1945 and lived in Virginia during his undergraduate years. He received the M.D. degree from the Medical College of Virginia in 1971 and interned at the Peter Bent Bingham Hospital in Boston, Massachusetts.

He became interested in genitourinary surgery, and after a two-year hiatus as a flight surgeon in Oklahoma, returned to train under Dr. George Prout at the Massachusetts General Hospital in Boston. While there, he was exposed to the innovative operative techniques of Dr. Hardy Hendren and chose to extend his training at Harvard Medical School in Pediatric Urology. He came to Columbus to join the faculty of The Ohio State University School of Medicine as an Assistant Professor in the Department of Surgery, Division of Urology, Head of Section of Pediatric Urology. He was board certified in 1980.

Dr. Crooks became recognized as one of the finest technicians of operative surgery in the Department of Surgery. He brought to Columbus a standard of care for the pediatric urology patient that had not been seen before, and his innovative surgeries helped to correct many of the tragic malformations seen in this group of patients.

He was an avid teacher of students, residents, and faculty. He brought a new level of academics to the urology service at Columbus Children’s Hospital and this passed over to his literary endeavors. At his young age, he had published 24 articles or chapters. This month he was to have presented original work in Boston and Indianapolis.

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.

Helen E. Dean

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 6, 1981, of Helen E. Dean, Professor Emeritus in the University Libraries.

Professor Dean was born in Manhattan, Kansas, on November 3, 1905. She received her B.S. degree in 1928 from Kansas State College, Manhattan, with a major in English literature and her B.S. degree in library science from the University of Illinois in 1929. From September 1929 until June 1930, she was Acting Reference Librarian at Lawrence College, Appleton, Wisconsin; and she was a Cataloger at the University of Missouri, Columbia, from September 1930 until July 1, 1946 when she came to The Ohio State University Libraries as a member of the Catalog Department. On July 1, 1959, she became Associate Cataloger, assuming the responsibilities of the second-in-command in the Catalog Department. Ms. Dean held the rank of Assistant Professor from July 1, 1959 until July 1, 1966 when she was promoted to the rank of Associate Professor.

Professor Dean held active memberships in major library organizations both on the national and local levels. These included the American Library Association, Association of College
RESOLUTIONS IN MEMORIAM (contd)

Helen E. Dean (contd)

and Research Libraries, Beta Phi Mu, The Ohio Valley Group of Technical Service Librarians, Missouri Library Association, and the Ohio Library Association. She was also a member of the American Association of University Professors and the Archaeological Institute of America. She also published in the professional library journals.

Professor Dean retired on December 1, 1971 with 25 years of fine, devoted and loyal service. She demonstrated her total commitment to the goal of excellence in the successful training of generations of new catalogers for The Ohio State University libraries.

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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BUDGET SUMMARY (FOURTH QUARTER, 1980-1981)
Resolution No. 82-39

Synopsis: The fourth quarter summary report of the current funds budget is presented for review.

WHEREAS the fourth quarter report of the current funds budget for the fiscal year ending June 30, 1981 is presented for review; and

WHEREAS the actual expenditures and commitments of the fourth quarter report are supported by adequate income; and

WHEREAS the variations in income represent primarily unanticipated increases in investment earnings, hospital patient volume, and grant and contract activity; and

WHEREAS the variances in expenditures represent less than one-half of one percent of budget estimates:

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter, including transfers to plant funds and transfers to endowment principal processed for the fiscal year 1980-81, be accepted.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
November 6, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
ACTUAL EXPENDITURES FOR 1980-81
(IN THOUSANDS)

<table>
<thead>
<tr>
<th>Revised Budget June 11, 1981</th>
<th>Actual Expenditures/Commitments</th>
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</thead>
<tbody>
<tr>
<td>Columbus Campus</td>
<td></td>
</tr>
<tr>
<td>Instruction and General</td>
<td></td>
</tr>
<tr>
<td>Departmental Instruction and Research</td>
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<tr>
<td>Libraries</td>
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<td>Sponsored Programs Administration</td>
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<td>Student Services</td>
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<td>Plant Operation</td>
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<td>Institutional Support</td>
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<tr>
<td><strong>Total Instruction and General</strong></td>
<td><strong>$253,381</strong></td>
</tr>
</tbody>
</table>

| Sponsored Research            |                                |
| Federally Sponsored Programs  | $ 37,618                        | $ 37,586 |
| Other Externally Sponsored Programs | 9,988 | 9,594 |
| Internally Sponsored Programs | 534                             | 742      |
| **Total Sponsored Research**  | **$ 48,140**                    | **$ 47,922** |

| Public Service                |                                |
| University Hospitals          | $ 99,823                        | $ 99,613 |
| Cooperative Extension Service | 22,206                          | 22,504   |
| Externally Sponsored Programs | 15,473                          | 15,095   |
| Internally Sponsored Programs | 5,309                           | 5,265    |
| **Total Public Service**      | **$142,811**                    | **$142,477** |

| Student Aid                   |                                |
|                               | $ 7,636                         | $ 7,191  |
November 6, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
ACTUAL EXPENDITURES FOR 1980-81
(IN THOUSANDS) (contd)

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<th>Revised Budget</th>
<th>Actual Expenditures/Commitments</th>
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<td>June 11, 1981</td>
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Columbus Campus (contd)

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<tr>
<th>Auxiliaries</th>
<th>Revised Budget</th>
<th>Actual Expenditures/Commitments</th>
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<td>2,841</td>
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<td>Fawcett Center for Tomorrow</td>
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<td>1,832</td>
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<tr>
<td>Other</td>
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<td>773</td>
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<tr>
<td>Total Auxiliaries</td>
<td>$ 56,156</td>
<td>$ 58,092</td>
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TOTAL COLUMBUS CAMPUS | $508,124 | $509,281 |

Regional Campuses

| Administration                                      | $ 198          | $ 151     |
| Lima Campus                                        | 2,679          | 2,608     |
| Mansfield Campus                                   | 2,654          | 2,757     |
| Marion Campus                                      | 1,575          | 1,684     |
| Newark Campus                                      | 2,259          | 2,342     |
| Agricultural Technical Institute                   | 2,926          | 3,055     |
| Wright-Patterson Graduate Center                   | 98             | 103       |

TOTAL REGIONAL CAMPUSES | $12,389 | $12,700 |

TOTAL ALL CAMPUSES | $520,513 | $521,981 |

Construction and Renovation Projects | $ 2,086 | $ 3,593 |

Endowment Income to Principal | $ 350 | $ 751 |

GRAND TOTAL | $522,949 | $526,325 |

202
THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET
(IN THOUSANDS)

<table>
<thead>
<tr>
<th></th>
<th>Estimated Income</th>
<th>Actual Income</th>
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<td></td>
<td>June 11, 1981</td>
<td>1980-81</td>
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<tr>
<td><strong>Columbus Campus</strong></td>
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<tr>
<td><strong>Government Appropriations</strong></td>
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<tr>
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<td>$164,407</td>
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<td>69,241</td>
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<tr>
<td>Other</td>
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<td>8,986</td>
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<td>Other</td>
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<td>3,621</td>
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<td>$ 97,412</td>
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<tr>
<td>Auxiliary Sales and Charges</td>
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<td>$132,008</td>
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<td>14,568</td>
<td>15,496</td>
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<tr>
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<td>$524,994</td>
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<td>$ 3,192</td>
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<tr>
<td>Mansfield Campus</td>
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<td>3,126</td>
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<tr>
<td>Marion Campus</td>
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<td>1,959</td>
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<td>103</td>
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<td>$ 14,373</td>
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<td>$539,367</td>
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November 6, 1981 meeting, Board of Trustees

NON-MANDATORY TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1980-81

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<tr>
<th>Account Description</th>
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<th>Amount</th>
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<td></td>
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<td>Storage Barn - Moore Experimental Farm</td>
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<td></td>
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<td>Bulk Chemical Warehouse</td>
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<td>Health Science Center Road</td>
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Renewals and Replacements - Remodeling and Renovation

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<td>Parking Lot Repairs</td>
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<td>Sawtooth Replacement - Phase I</td>
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<td>Parking Lot Repairs - Lima Campus</td>
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### NON-MANDATORY TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1980-81 (contd)

<table>
<thead>
<tr>
<th>Account Description</th>
<th>Account Number</th>
<th>Account from Number</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Renewals and Replacements - Remodeling and Renovation (contd)</td>
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<tr>
<td>Caldwell Laboratory</td>
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<td>B &amp; Z Building</td>
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<td>Hitchcock Hall</td>
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<td></td>
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### Reserves - Repairs and Replacements

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November 6, 1981 meeting, Board of Trustees

NON-MANDATORY TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1980-81 (contd)

<table>
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<tr>
<th>Account Description</th>
<th>Account Number</th>
<th>Transferred from Account Number</th>
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<td>Libraries</td>
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<td>Fawcett Center</td>
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<td>Inventory</td>
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<td>Educational Services</td>
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<td>100,000.00</td>
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<td>Plant Funds - General</td>
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Total Reserves - Repairs and Replacements $8,177,311.44

Total Non-Mandatory Transfers to Plant Funds $13,834,801.62
November 6, 1981 meeting, Board of Trustees

NON-MANDATORY TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1980-81 (contd)

RECAP

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<th>Account Description</th>
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<td>Current General - Regional Campuses</td>
<td>0109xx</td>
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<td>Current General - Department Earnings</td>
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<td>Current General - Service Accounts</td>
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<td>Auxiliary Enterprises</td>
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<td>Residence and Dining Halls</td>
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<td>947,283.00</td>
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<td>Hospitals</td>
<td>019xxx</td>
<td>4,560,000.00</td>
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<td>Current Restricted - Endowment</td>
<td>02xxxx</td>
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<td>Current Restricted - Other</td>
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<td>Current Restricted - OSURF</td>
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<td>Total</td>
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TRANSFERS OF UNRESTRICTED ENDOWMENT INCOME TO PRINCIPAL
Fiscal Year 1980-81

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<tr>
<td>General Endowment Fund</td>
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<td>The Corrugated Container Company Fund</td>
<td>015003</td>
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<td>Robert C. Craig Memorial Fund</td>
<td>015004</td>
<td>443.38</td>
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<td>Max M. Fisher Foundation</td>
<td>015006</td>
<td>1,033.87</td>
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<td>Clara Ihrig Linhardt Memorial Fund</td>
<td>015015</td>
<td>9,683.73</td>
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<td>M. Wilson McConnell Fund</td>
<td>015016</td>
<td>767.28</td>
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<td>Smith L. Rairdon Fund</td>
<td>015022</td>
<td>611.49</td>
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<td>E. A. VanVechten Memorial Fund</td>
<td>015025</td>
<td>539.54</td>
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<td>Hazel C. Youngberg Memorial Fund</td>
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<td>Carl E. Steeb Memorial Fund</td>
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<td>Unrestricted Gifts--Principal</td>
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<td>Mershon Unrestricted Fund</td>
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<td>$383,237.96</td>
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<td>N. G. Fawcett Chair--Principal</td>
<td>072134</td>
<td>$383,237.96</td>
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<td>Mershon Unrestricted Fund</td>
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<td>$350,000.00</td>
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<tr>
<td>H. &amp; A. Enarson Professorship--Principal</td>
<td>071968</td>
<td>$350,000.00</td>
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</table>

GRAND TOTAL                                |               | $751,341.00|
November 6, 1981 meeting, Board of Trustees

HONORARY DEGREES

Resolution No. 82-40

Synopsis: Approval is requested for awarding honorary degrees to six 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:

- Merritt Madison Chambers: Doctor of Humane Letters
- W. Edwards Deming: Doctor of Science
- Robert M. Lumiansky: Doctor of Humane Letters
- Elmer B. Staats: Doctor of Humane Letters
- Ferdinand Fairfax Stone: Doctor of Humane Letters
- Barbara Tuchman: 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 Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--o--

DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 82-41

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 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 December 11, 1981, 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 Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--o--
November 6, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 82-42

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Medical Staff Appointments, Leave of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 2, 1981 meeting of the Board, including the following Appointments, Medical Staff Appointments, Leave of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Office</th>
<th>Salary</th>
<th>Effective</th>
<th>Present Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>LARRY RICHARD THOMPSON</td>
<td>Special Assistant to the President (Temporary)</td>
<td>President's Office</td>
<td>$49,080.00 (12-month)</td>
<td>November 9, 1981</td>
<td>Associate, Vorys, Sater, Seymour &amp; Pease, Columbus, Ohio</td>
</tr>
<tr>
<td>WELDON E. IHRIG</td>
<td>Acting Vice President</td>
<td>Finance and Planning</td>
<td>$49,200.00 (12-month)</td>
<td>November 1, 1981</td>
<td>Assistant Vice President, Office of Business and Administra-</td>
</tr>
<tr>
<td>JUDITH B. WASHBURN</td>
<td>Acting Special Assistant to the President</td>
<td>President's Office</td>
<td>$49,080.00 (12-month)</td>
<td>Immediately</td>
<td>Assistant Vice President, Office of Finance and Planning</td>
</tr>
<tr>
<td>WARREN L. ROLLER</td>
<td>Professor and Chairman (45 per cent)</td>
<td>Agricultural Engineering</td>
<td>$22,410.00 (12-month)</td>
<td>October 1, 1981</td>
<td>Professor and Acting Chairman, Department of Agricultural Engineering at The Ohio State University and the Ohio Agricultural Research and Development Center</td>
</tr>
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</table>
November 6, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Appointments

Effective January 1, 1981

William Molnar, M.D. Transfer from Attending staff in Radiology to Honorary staff Professor Emeritus

Effective July 1, 1981

J. Charles Garvin, M.D. Courtesy staff in Ophthalmology Clinical Assistant Professor
Theophil T. Sutton, M.D. Courtesy staff in Preventive Medicine (Emergency Medicine) Clinical Instructor
Beverly Johnson Nahman, M.D. Limited staff in Radiology (Diagnostic) Clinical Instructor H.S.

Effective August 1, 1981

Walter B. Hull, M.D. Limited staff (Fellow) in Obstetrics and Gynecology Clinical Instructor H.S.

Effective August 5, 1981

Julian Bendelstein, M.D. Limited staff in Family Medicine Clinical Instructor H.S.

Effective August 10, 1981

Richard P. Harmel, Jr., M.D. Attending staff in Surgery (Pediatric Surgery) Assistant Professor

Effective August 24, 1981

Lawrence M. Lubbers, M.D. Attending staff in Surgery (Orthopaedic Surgery) Clinical Instructor

Effective September 1, 1981

Bhagwandas Gupta, M.D. Attending staff in Anesthesiology Assistant Professor
Richard M. Rosenblatt, M.D. Attending staff in Anesthesiology Associate Professor
Carlos DeCarvalho, M.D. Limited staff in Medicine (Neurology) Clinical Instructor H.S.
November 6, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leave of Absence Without Salary

R. ERIC RENTSCHLER, Assistant Professor, Department of German, effective April 1, 1982 through June 30, 1982, to accept a Visiting Assistant Professor position at the University of California at Irvine.

Professional Improvement Leaves

EUGENE CAPRIOTTI, Professor, Department of Astronomy, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

DAVID J. HORN, Professor, Department of Entomology, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.


ROBERT T. ROSS, Professor, Department of Biochemistry, effective Autumn Quarter 1982, Winter Quarter 1983, Spring Quarter 1983, and Summer Quarter 1983.

MICHAEL KLAPPER, Associate Professor, Department of Chemistry, effective Spring Quarter 1982 and Autumn Quarter 1982.

JAMES MORGANSTERN, Associate Professor, Department of History of Art, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

D. L. PALMQUIST, Associate Professor, Department of Dairy Science, effective Spring Quarter 1982 and Summer Quarter 1982.

MARC LEE RAPHAEL, Associate Professor, Department of History, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

Emeritus Titles

SAMUEL W. BONE, Department of Agronomy, with the title Professor Emeritus, effective October 1, 1981.

THOMAS SKILLMAN, Department of Medicine, with the title Professor Emeritus, effective November 1, 1981.

CHESTER E. BALL, Department of Photography and Cinema, with the title Assistant Professor Emeritus, effective October 1, 1981.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
Synopsis: The reports on contracts, grants, and gifts and the summary for September 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of September 1981, be approved.

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

SUMMARY FOR SEPTEMBER 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
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<td>Engineering Experiment Station</td>
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<td>312,099.00</td>
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<td>$5,481,094.00</td>
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<tr>
<td>The Ohio State University Development Fund</td>
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<tr>
<td>Establishment of Named Funds</td>
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</tr>
<tr>
<td>The William M. Batten Distinguished Visitor Fund (College of Administrative Science)</td>
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<td>$ 100,000.00</td>
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November 6, 1981 meeting, Board of Trustees

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

SUMMARY FOR SEPTEMBER 1981

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The McGregor Fund Finance, Banking and Accounting Scholarship (Scholarships - College of Administrative Science) $ 50,000.00

Helen Sells Clarkson Memorial Scholarship (Colleges of Arts and Sciences or College of Agriculture and Home Economics) $ 45,000.00

The History Enrichment Fund (Department of History) $ 40,000.00

The C. B. "Bill" Smith Scholarship Fund in Civil Engineering (Department of Civil Engineering) $ 6,990.00

The Hilandar Research Project Endowment Fund (Library acquisitions, research and publications) $ 5,860.00

The Philip P. Poirier Memorial Fund (Department of History) $ 5,000.00

Report from Presidents Club

Members to date 4,503
1981 members: year to date 116
New members - September 1981 14

New Presidents Club Members - September 1981

David C. Bell Nicholas Gerber
John W. Berry Donald D. Glower, Sr.
Richard C. Bump Laura S. Gunnels
James L. Coffey Allen L. Huneke
Joseph J. DeMelio William P. Krakoff
Henry A. DiBlasio Carl V. Leier
Chad I. Friedman Susan R. Paddock
November 6, 1981 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY
July 1, 1981 through September 30, 1981

OFFICE OF BUSINESS AND ADMINISTRATION

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<td>STATE OF OHIO</td>
<td>7</td>
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<td>OTHER NON-FEDERAL</td>
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FIRST QUARTER SUMMARY

July 1, 1981 through September 30, 1981

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
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<tr>
<th>Source</th>
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<th>Support Level</th>
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<td><strong>FEDERAL</strong></td>
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<td>National Aeronautics and Space Administration</td>
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<td>National Science Foundation</td>
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<td>Department of Defense</td>
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<td>Department of Energy</td>
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<td>Other Federal</td>
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<td>NON-FEDERAL SPONSORS</td>
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FIRST QUARTER SUMMARY

July 1, 1981 through September 30, 1981

ENGINEERING EXPERIMENT STATION

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<td>INDUSTRIAL AND OTHER</td>
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<td>GRAND TOTAL</td>
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<td>$1,225,905.00</td>
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November 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants


$330,000.00 · National Science Foundation, Washington, D. C., Emergent Citizen Groups in Disaster Preparedness and Recovery Activities, Department of Sociology (E. L. Quarantelli), 15 September 1981 through 28 February 1983. (Project 762862 · New)


$226,105.00 · Environmental Protection Agency, Great Lakes National Program Office, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, Center for Lake Erie Area Research (R. Herdendorf) and Department of Civil Engineering (R. Stiefel), 1 July 1981 through 31 December 1982. (Project 762280 · Continuation)


$197,000.00 · Department of Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center Support and Fellowships for Slavic and East European Studies, Department of Slavic and East European Languages and Literatures (L. I. Twarog) and Graduate School - Administration (J. B. LaPidus), 15 August 1981 through 14 August 1982. (Project 762823 · Continuation)

$162,676.00 · Department of Health and Human Services, Office of Human Development Services, Administrative Developmental Disabilities, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1981 through 29 June 1982. (Project 760751 · Continuation)
Federal Research Contracts/Grants (contd)

$150,250.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Centers and Fellowships Program - East Asia, University Center for International Studies (J. Adams), Department of Anthropology (C. M. Chen), and Graduate School - Administration (J. B. LaPids), 15 August 1981 through 14 August 1982. (Project 762844 - Continuation)


$115,796.00 - Department of Justice, National Institute of Justice, Washington, D. C., Property Crime Victimization and Crime Prevention: A Study Among Farm Operators, Department of Agricultural Economics and Rural Sociology (J. F. Donnermeyer and G. H. Phillips), 1 September 1981 through 31 August 1983. (Project 762847 - New)

$110,584.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Special Services Program for Disadvantaged Students, University College - Administration (M. A. Stewart), 1 September 1981 through 31 August 1982. (Project 762867 - New)

$109,357.00 - Department of Education, Office of Special Education, Washington, D. C., Project Interaction, Academic Faculty for Exceptional Children (T. Heron and W. Heward), 1 September 1981 through 31 August 1982. (Project 761808 - Continuation)

$90,000.00 - Department of Agriculture, Arlington, Virginia, Hypobiotic and Antigenic Changes in *Ostertagia Ostertagi* During Environmental Adaptation, Department of Veterinary Pathobiology (R. P. Herd), 1 September 1981 through 31 August 1983. (Project 762846 - New)

$87,500.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Centers and Fellowships Program - Near and Middle East, University Center for International Studies (J. S. Adams), Department of History (S. Dale), and Graduate School - Administration (J. B. LaPids), 15 August 1981 through 14 August 1982. (Project 762845 - Continuation)

$83,542.00 - Department of the Army, Natick Research and Development Laboratories, Natick, Massachusetts, Feasibility and Means of Flavor Enhancement of Low Fat Dry Milk and Dry Whole Milk, Department of Food Science and Nutrition (D. B. Min), 1 September 1981 through 31 May 1983. (Project 762854 - New)
November 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$80,000.00 - 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 1981 through 30 September 1982. (Project 760081 - Continuation)

$62,682.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 September 1981 through 31 August 1982. (Project 761187 - Continuation)

$60,500.00 - Department of Energy, SERI Site Office, Golden, Colorado, Solar University Research Program, Department of Biochemistry (E. L. Gross), 1 September 1981 through 31 August 1982. (Project 761812 - Continuation)

$55,108.00 - 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 1981 through 31 October 1982. (Project 761420 - Continuation)

$51,778.00 - 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 1981 through 30 June 1982. (Project 761160 - Continuation)

$49,997.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On Aircraft Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. Rudduck), 17 September 1981 through 30 September 1982. (Project 762414 - Continuation)

$48,506.00 - National Science Foundation, Washington, D. C., Microparticle Analysis and Glaciological Interpretation of the 500-m Ice Core, South Pole Antarctica, Institute of Polar Studies (D. H. Elliot, E. Mosley-Thompson, and L. Thompson), 1 October 1981 through 30 September 1982. (Project 762875 - New)
November 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$48,179.00 - National Science Foundation, Washington, D. C., Mt. Erebus, Antarctica, Seismic Study, Institute of Polar Studies (D. H. Elliot and P. R. Kyle), 1 September 1981 through 30 September 1982. (Project 762386 - Continuation)

$45,000.00 - National Science Foundation, Washington, D. C., Kirkpatrick Basalt Group, North Victoria Land, Antarctica, Institute of Polar Studies (D. H. Elliot and G. Faure), 1 September 1981 through 31 August 1982. (Project 762871 - New)

$41,032.00 - National Science Foundation, Washington, D. C. Microcomputer Control of Machine Tool Feed Drives, Department of Chemical Engineering (K. Srinivasan), 15 September 1981 through 25 February 1983. (Project 762809 - New)

$38,490.00 - Department of the Army, Army Corps of Engineers, Buffalo, New York, Lake Erie Watershed Reduced Tillage Practices, Department of Agronomy (B. L. Schmidt) and Cooperative Extension Service - State Operations (C. J. Cunningham), 1 July 1981 through 31 March 1982. (Project 762860 - Continuation)


$36,245.00 - National Science Foundation, Washington, D. C., Characterization of Tegumentary Membrane-Bound Enzymes of Gastrointestinal Parasites, Department of Zoology (P. W. Pappas), 1 November 1981 through 31 October 1982. (Project 762358 - New)

$35,080.00 - Department of Education, Fund for the Improvement of Postsecondary Education, Washington, D. C., Cooperative On-Site Instruction Program for Columbus Business and Industry, Office of Academic Affairs, Continuing Education Administration (M. Garland and A. Adams), 1 September 1981 through 30 August 1982. (Project 762861 - New)

$33,750.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (S. F. Loebs), 1 October 1981 through 30 September 1982. (Project 761329 - Continuation)
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 Commerce, National Oceanic and Atmospheric Administration, Washington, D. C., Analysis of the Quelccaya Ice Cap Climate Record, Institute of Polar Studies (D. H. Elliot and E. M. Thompson), 1 September 1981 through 31 August 1982. (Project 762884 - New)

$30,000.00 - 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 September 1981 through 31 August 1983. (Project 762890 - New)

$28,300.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Models and Mechanisms of Acute Lung Injury After Shock, Department of Surgery (L. C. Carey and B. D. Lowery), 1 July 1981 through 30 June 1982. (Project 761744 - Continuation)


$18,297.00 - Department of Education, Office of Special Education, Washington, D. C., The Ohio State University Preservice Training Project for Special Education Personnel, Academic Faculty for Exceptional Children (P. Connard), 1 August 1981 through 31 May 1982. (Project 762853 - New)

$18,000.00 - National Science Foundation, Washington, D. C., Gondwana Geology of the Falkland Islands, Institute of Polar Studies (D. H. Elliot), 1 September 1981 through 31 August 1982. (Project 762852 - New)

$16,000.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, University Reactor Sharing Program, Engineering Experiment Station (B. K. Hajek), 1 September 1981 through 31 August 1982. (Project 762411 - Continuation)

$15,808.00 - Department of Energy, Oakridge Operations, Oak Ridge, Tennessee, The Pre-Freshman Engineering Program (PREP), College of Engineering - Administration (M. M. McGee), 9 September 1981 through 31 August 1982. (Project 762881 - Continuation)
Federal Research Contracts/Grants (contd)

$13,515.00 - Environmental Protection Agency, Cincinnati, Ohio, Round Robin Testing of the Midge (Tanytarsus) Acute and Chronic Toxicity Tests, Department of Entomology (W. J. Collins), 1 September 1981 through 1 February 1982. (Project 762849 - New)

$13,196.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler), 1 September 1981 through 31 August 1982. (Project 760924 - Continuation)

$10,782.00 - Department of Health and Human Services, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, Purchase of NMR Spectrometer for Core User Group, Department of Chemistry (D. Horton and L. J. Berliner), 1 September 1981 through 31 August 1982. (Project 761911 - Continuation)

$9,995.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Artificial Trees as a Means of Increasing Populations of Primary Cavity Nesters in Clear-Cuts, Department of Zoology (T. G. Grubb, Jr.), 1 September 1981 through 30 August 1983. (Project 762863 - New)

$9,950.00 - Department of Health and Human Services, Public Health Service, Communicable Disease Control, National Institute for Occupational Safety and Health, Cincinnati, Ohio, Development of an Interdisciplinary Course in Occupational Health Engineering, Department of Industrial and Systems Engineering (P. J. Smith and T. H. Rockwell), 10 September 1981 through 11 October 1982. (Project 762879 - New)


$5,505.00 - Department of Education, Office of Special Education, Washington, D. C., Design for a Cooperative Program to Prepare Teachers of Visually Handicapped for the State of West Virginia, Academic Faculty for Exceptional Children (M. E. Ward), 1 August 1981 through 31 May 1982. (Project 762858 - New)

$4,267.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Effects of Dietary Change on Lipid Biosynthesis, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1981 through 30 April 1982. (Project 764415 - Continuation)
November 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$629.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1980 through 30 June 1982. (Project 760708 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $4,009,635.00

State of Ohio Research Contracts/Grants

$21,800.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Psychology, Department of Psychology (H. L. Mirels), 14 July 1981 through 30 June 1982. (Project 762865 - New)

$16,500.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Social Work, College of Social Work (R. O. Washington), 14 July 1981 through 30 June 1982. (Project 762864 - New)

$6,437.00 - Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty for Exceptional Children (D. S. Hill), 1 July 1981 through 21 October 1981. (Project 762739 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 44,737.00
November 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants


$131,141.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 September 1981 through 31 December 1981. (Project 760982 - Continuation)

$89,481.00 - Hospital, Institution, and Educational Food Service Society, Hillside, Illinois, A Competency Assurance System for Dietetic Assistants and Dietetic Technicians, Academic Faculty of Educational Foundations and Research (A. G. D'Costa), 16 September 1981 through 30 June 1983. (Project 762876 - New)

$71,610.00 - University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 July 1981 through 30 June 1982. (Project 761294 - Continuation)


$61,418.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Medicine (J. R. Mendell), 1 July 1981 through 30 June 1982. (Project 761360 - Continuation)

$52,609.00 - Teledyne Wah Chang Albany, Albany, Oregon, Nodular Corrosion of Zircaloys in High-Temperature Steam, Department of Metallurgical Engineering (D. D. Macdonald), 1 October 1981 through 30 September 1982. (Project 762848 - New)

$43,156.00 - University of Cincinnati, Department of Orthopaedic Surgery, Cincinnati, Ohio, OSU Participation in NIH Grant No. R01 AM27517-02 Title "Bio-Mechanics of Ligament/Tendon Repair and Grafts," Department of Veterinary Clinical Sciences (R. B. Hohn and M. L. Olmstead), 1 August 1981 through 31 July 1982. (Project 762827 - New)

$39,998.00 - State of Iowa, Department of Public Instruction, Des Moines, Iowa, Third-Party Evaluation of Four Area Planning Councils, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1981 through 28 February 1983. (Project 762855 - New)
November 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$35,000.00 - McDonnell Douglas Corporation, St. Louis, Missouri, Support Services for Electromagnetic Design of RAM/RAS and Non-Specular Scattering, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 4 September 1981 through 3 September 1982. (Project 762859 - New)

$31,350.00 - University of California-Davis, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Producers, International Programs in Agriculture (H. D. Bauman) and Department of Agronomy (R. W. Van Keuren), 7 August 1981 through 30 September 1981. (Project 761949 - Continuation)


$31,000.00 - University of Tennessee, Knoxville, Tennessee, Ultrasonic Nondestructive Evaluation of Columnar Structures in Anisotropic Materials, Department of Welding Engineering (L. Adler), 15 March 1981 through 14 March 1982. (Project 762453 - Continuation)

$30,000.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1981 through 30 September 1982. (Project 762866 - New)

$25,662.00 - City of Columbus, Department of Community Services, Columbus, Ohio-Franklin County Consortium, Columbus, Ohio, Summer Youth Employment Program/Vocational Exploration Program, Office of Minority Affairs (R. T. McDonald), 25 June 1981 through 2 September 1981. (Project 762790 - New)

$19,000.00 - City of Columbus, Department of Energy and Telecommunications, Columbus, Ohio, Assess District Heating/Cooling Systems Potential in Community Block Grant Eligible Institutions, School of Architecture-Administration and Department of City and Regional Planning (O. Fisch, S. I. Gordon, and K. T. Pearlman), 10 August 1981 through 9 August 1982. (Project 762850 - New)

November 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

<table>
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<tr>
<th>Amount</th>
<th>Description</th>
<th>Institution/Location</th>
<th>Start Date</th>
<th>End Date</th>
<th>Project Number</th>
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<td>$15,000.00</td>
<td>American Heart Association, Central Ohio Heart Chapter, Columbus Ohio, The Potential Danger of in Vivo Acebutolol Decomposition, Department of Pharmacology (B. D. Andresen)</td>
<td>Columbus, Ohio, The Potential Danger of in Vivo Acebutolol Decomposition, Department of Pharmacology (B. D. Andresen)</td>
<td>1 October 1981 through 30 September 1982</td>
<td>(Project 762843 - New)</td>
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<td>$15,000.00</td>
<td>The George Gund Foundation, Cleveland, Ohio, Reflective Teaching Workshops, Academic Faculty of Educational Foundations and Research (D. R. Cruickshank)</td>
<td>Cleveland, Ohio, Reflective Teaching Workshops, Academic Faculty of Educational Foundations and Research (D. R. Cruickshank)</td>
<td>1 July 1981 through 30 September 1982</td>
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<td>$11,259.00</td>
<td>Morris Animal Foundation, Englewood, Colorado, Cardiac Arrhythmias Associated with Gastric Dilatation-Volvulus in the Dogs: Etiology, Significance, and Therapy, Department of Veterinary Clinical Sciences (J. D. Bonagura)</td>
<td>Englewood, Colorado, Cardiac Arrhythmias Associated with Gastric Dilatation-Volvulus in the Dogs: Etiology, Significance, and Therapy, Department of Veterinary Clinical Sciences (J. D. Bonagura)</td>
<td>1 August 1981 through 1 August 1982</td>
<td>(Project 762362 - Continuation)</td>
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<td>$11,000.00</td>
<td>National Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, The Primate Erythrocyte Immune Complex Clearance Mechanism, Department of Medicine (L. A. Hebert)</td>
<td>Columbus, Ohio, The Primate Erythrocyte Immune Complex Clearance Mechanism, Department of Medicine (L. A. Hebert)</td>
<td>1 July 1981 through 30 June 1982</td>
<td>(Project 762857 - New)</td>
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<td>$10,000.00</td>
<td>Morris Animal Foundation, Englewood, Colorado, The Epidemiology and Control of Strongylus Vulgatis - The Major Cause of Colic in Horses, Department of Veterinary Pathobiology (R. P. Herd) and Department of Veterinary Clinical Sciences (A. A. Gabel)</td>
<td>Englewood, Colorado, The Epidemiology and Control of Strongylus Vulgatis - The Major Cause of Colic in Horses, Department of Veterinary Pathobiology (R. P. Herd) and Department of Veterinary Clinical Sciences (A. A. Gabel)</td>
<td>1 August 1981 through 31 July 1982</td>
<td>(Project 762323 - Continuation)</td>
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<td>Citizen's Council for Ohio Schools, Columbus, Ohio, School Finance Project, Academic Faculty of Educational Administration (L. H. Wagstaff)</td>
<td>Columbus, Ohio, School Finance Project, Academic Faculty of Educational Administration (L. H. Wagstaff)</td>
<td>1 October 1980 through 30 June 1981</td>
<td>(Project 762878 - Continuation)</td>
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<td>Ohio Wesleyan University, Delaware, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers)</td>
<td>Delaware, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers)</td>
<td>10 August 1981 through 25 June 1982</td>
<td>(Project 762838 - Continuation)</td>
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<td>$9,078.00</td>
<td>Capital University, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers)</td>
<td>Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers)</td>
<td>1 September 1981 through 30 June 1982</td>
<td>(Project 762836 - Continuation)</td>
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Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$8,000.00 - TASC - The Analytic Sciences Corporation, Reading, Massachusetts, Navigation System Simulation, Department of Electrical Engineering, Electro-Science Laboratory (A. A. Ksieniski), 1 September 1981 through 30 September 1981. (Project 762842 - New)

$7,000.00 - Animatrix, Inc., Columbus, Ohio, Computer Generated Animation, Department of Art Education (C. A. Csuri), 1 September 1981 through 31 October 1981. (Project 762841 - New)

$6,000.00 - American Cancer Society--Ohio Division, Cleveland, Ohio, In Vitro Differentiation of Hairy Cell Leukemia: A Model for Inductive Chemotherapy, Department of Pathology (R. F. Barth and W. C. Hooper), 1 October 1981 through 30 September 1982. (Project 762869 - New)

$6,000.00 - American Cancer Society--Ohio Division, Cleveland, Ohio, Preneoplastic Mouse Mammary Lesion - A Tumor Precursor or Modulator, Department of Pathology (W. Z. Weil), 1 October 1981 through 30 September 1982. (Project 762888 - New)

$5,001.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 24 August 1981 through 7 June 1982. (Project 762837 - Continuation)

$2,000.00 - Battelle Memorial Institute, Columbus, Ohio, Alumina Tooth Implantation in Human Subjects, College of Dentistry - Crown and Bridge (R. H. Downes), 1 April 1980 through 15 October 1981. (Project 762315 - Continuation)

$2,000.00 - Brevard Community College, Cocoa, Florida, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1981 through 30 June 1982. (Project 761599 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,114,623.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$50,938.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for second year of Evaluation of Sulfur-Asphalt Paving Mixtures in Ohio: A Laboratory and Field Investigation, Department of Civil Engineering, Transplex, May 1, 1981 through April 30, 1982. (EES 529070)
November 6, 1981 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

State Sponsored Research and Development (contd)

$41,568.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for second year of Evaluation of Asphalt Pavement Recycling in Ohio: A Laboratory and Field Investigation, Department of Civil Engineering, Transplex, September 4, 1981 through September 3, 1982. (EES 529079)

TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT $92,506.00

Industrial and Other Sponsored Research and Development

$36,000.00 - The Ohio State University, Office of Physical Facilities, Columbus, Ohio, for eighth year continuation of Study of Energy Conservation for University Buildings--Program 4244, Department of Mechanical Engineering, December 1, 1981 through June 30, 1982. (EES 529008)

$183,593.00 - various sponsors for 36 development projects in seven engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $219,593.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$278,248.00 - James W. Overstreet Fund of The Columbus Foundation, Columbus, Ohio, for James W. Overstreet Cardiovascular Teaching Laboratory.

$96,216.00 - Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for Glenna R. Joyce Scholarship Fund.

$56,000.00 - Ohio Lions Eye Research Foundation, Jackson, Ohio--$22,000.00 for Ohio Lions Blindness Research Fund; $15,000.00 for Institute for Research in Vision; $6,000.00 for Ohio Lions--King-Smith; $5,000.00 for Ohio Lions--Hill; $5,000.00 for Lions Research--Jones; and $3,000.00 for Ohio Lions--Daum.

$50,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Battelle/Ohio State University Partnership in Engineering Education Fund.

$42,983.00 - Eli Lilly and Company, Indianapolis, Indiana--$18,983.00 for Clinical Pharmacology of Dobutamine-Eli Lilly and Company; $18,000.00 for Infectious Disease Research Fund; and $6,000.00 for Physiological Chemistry Research.

$40,630.00 - Sterling-Winthrop Research Institute, Rensselaer, New York, for Cardiovascular Pharmacology Fund.
November 6, 1981 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)**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Donor</th>
<th>Purpose</th>
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<tr>
<td>$40,000.00</td>
<td>Charles W. Carroll, Burton, Ohio</td>
<td>for Presidents Club Special Fund.</td>
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<tr>
<td>$38,900.00</td>
<td>Dorsey Laboratories, Lincoln, Nebraska</td>
<td>for Clinical Pharmacology Fund.</td>
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<td>$31,416.00</td>
<td>The Charles F. High Foundation, Bucyrus, Ohio</td>
<td>for Charles F. High Foundation Scholarship Fund.</td>
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<td>$30,714.00</td>
<td>Adria Laboratories, Columbus, Ohio</td>
<td>for Clinical Pharmacology Fund.</td>
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<td>$29,391.28</td>
<td>Reproductive Research and Education Association, Columbus, Ohio</td>
<td>for EPR-OBS Fund.</td>
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<td>$25,254.00</td>
<td>The Grace High Washburn Trust, Bucyrus, Ohio</td>
<td>for Grace High Washburn Trust Scholarship Fund.</td>
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<td>$25,000.00</td>
<td>The Union Fork and Hoe Foundation, Columbus, Ohio</td>
<td>for George B. Durell Memorial Scholarship Fund.</td>
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<td>$17,318.75</td>
<td>Hoffmann-LaRoche, Inc., Nutley, New Jersey</td>
<td>for Clinical Pharmacology Fund.</td>
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<td>$17,000.00</td>
<td>The City Loan and Savings Company, Lima, Ohio</td>
<td>for WOSU Support Fund.</td>
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<tr>
<td>$17,000.00</td>
<td>The Standard Oil Company, Cleveland, Ohio</td>
<td>--$7,500.00 for College of Administrative Science Fund; $7,000.00 for Sohio Chemical Engineering Fund; and $2,500.00 for Affirmative Action Program in Engineering Fund.</td>
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<td>$15,090.00</td>
<td>Laborers' District Council of Ohio, Columbus, Ohio</td>
<td>for Peter Fosco/Laborers' District Council of Ohio Scholarship Fund.</td>
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<td>$15,000.00</td>
<td>Trust Under the Will of William A. Buente, Chicago, Illinois</td>
<td>for College of Medicine Progress Fund.</td>
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<td>$15,000.00</td>
<td>Westinghouse Educational Foundation, Pittsburgh, Pennsylvania</td>
<td>for Lamme Power Systems Laboratory.</td>
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<td>$15,000.00</td>
<td>Wyeth Labs, Philadelphia, Pennsylvania</td>
<td>for Anesthesia Research and Education Enhancement Fund.</td>
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</table>
November 6, 1981 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)

$14,188.82 - Systems Associates, Inc., Columbus, Ohio (given in the names of Phillip K. Fulkerson, M.D., Donald V. Unverferth, M.D., Thomas M. Bashore, M.D., Carl V. Leier, M.D., and David C. Bell, M.D.), for Cardiology Support Fund.

$14,000.00 - Kellogg's, Battle Creek, Michigan, for Special NC-151 Fund.

$13,970.00 - Eastman Kodak Company, Rochester, New York--$8,030.00 for Kodak Fellows Program; $4,140.00 for Kodak Scholars Program in Engineering Fund; $750.00 for Electrical Engineering Chairman's Discretionary Fund; $450.00 for Department of Chemical Engineering Support Fund; $300.00 for The ISE Advancement Fund; $150.00 for Department of Computer and Information Science Chairman's Discretionary Fund; $150.00 for I. G. Brenner Fund for Engineering.

$12,500.00 - Landmark, Inc., Columbus, Ohio, for Landmark-OARDC.

$11,808.22 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.


$10,225.00 - SISA, Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

$10,104.86 - Department of Ohio Ladies' Auxiliary Veterans of Foreign Wars, Columbus, Ohio, for Cancer Research Center Fund.

$10,000.00 - Abbott Laboratories, North Chicago, Illinois, for Antibiotic Research Rotary.

$10,000.00 - Coopers & Lybrand Foundation, New York, New York, for Coopers & Lybrand Scholars Program.

$10,000.00 - Janssen R & D, Inc., New Brunswick, New Jersey, for EPR-OBS Fund.

$9,500.00 - Gertrude Kenney Fund of The Columbus Foundation, Columbus, Ohio, for Professional Training in the Visual Arts Scholarship Fund.

$9,300.00 - American Foundation for Pharmaceutical Education, for American Foundation for Pharmaceutical Education Fellowship Fund.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of $5,000 or More (contd)

$9,193.83 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

$8,450.00 - Union Carbide, New York, New York, for Agronomy Weed Research Fund.

$7,500.00 - Amoco Foundation, Chicago, Illinois-$6,000.00 for Distinguished Teachers Awards Fund and $1,500.00 for University Emergency Fund.

$7,200.00 - American Cyanamid Company, Pearl River, New York, for Cancer Research Center Fund.

$7,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

$7,000.00 - Rohm and Haas Company, Philadelphia, Pennsylvania, for Rohm and Haas Company Fund in Chemistry.

$6,150.00 - Ohio Expositions Commission, Columbus, Ohio, for Ohio 4-H Foundation Support Fund.

$6,000.00 - Kubota, Ltd., 2-22 Funadecho, Naniwaku, Osaka, Japan, for Kubota, Ltd. Research Fund.

$5,500.00 - The General Foods Fund, Inc., White Plains, New York, for General Foods Fund Fellowship in Home Economics.

$5,075.00 - Frederick P. Zuspan, M.D., Columbus, Ohio, for EPR-OBS Fund.

$5,000.00 - Ciba-Geigy Corporation, Greensboro, North Carolina, for Agronomy Weed Research.

$5,000.00 - Columbus and Southern Ohio Electric Company, Columbus, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

$5,000.00 - The Danis Foundation, Inc., Dayton, Ohio, for Civil Engineering Construction Operations Simulation Laboratory Fund.

$5,000.00 - General Electric Foundation, Stamford, Connecticut, for Affirmative Action Program in Engineering Fund.

$5,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.
November 6, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

$12,000.00 - Mrs. Maureen Sturtz, Columbus, Ohio, Quarter Horse Gelding, Bo Barr Cliff No. 744703.

$5,666.67 - Julie Rubenbauer, Loveland, Ohio, Quarter Horse Gelding, Macho Malaci.

Establishment of Named Funds

The William M. Batten Distinguished Visitor Fund

The William M. Batten Distinguished Visitor Fund was established November 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Texas Instruments Foundation, Dallas, Texas, to honor the achievements of William M. Batten.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 is to be used to improve mutual learning, understanding and respect between academic and management communities, by facilitating and supporting visits by distinguished executives to the College of Administrative Science and 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, with preference being given to recommendations from the appropriate administrative official of the University who is then responsible for curricula in administrative science.

The McGregor Fund Finance, Banking and Accounting Scholarship

The McGregor Fund Finance, Banking and Accounting Scholarship was established November 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the McGregor Fund, Detroit, Michigan.

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

The annual income from the principal is to be used to provide scholarships for students in finance, banking, accounting and related fields. The selection of the recipients shall be made upon the recommendation of the Scholarship Committee of the College of Administrative Science.
November 6, 1981 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 McGregor Fund Finance, Banking and Accounting Scholarship (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 curricula in administrative science.

Helen Sells Clarkson Memorial Scholarship

The Helen Sells Clarkson Memorial Scholarship was established November 6, 1981, by the Board of Trustees of The Ohio State University with a gift from the estate of Helen Sells Clarkson, B.A. '14.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 the scholarship fund shall be used to benefit students who are pursuing majors in the natural sciences in the College of the Arts and Sciences or the College of Agriculture, Home Economics and Natural Resources. The selection of the recipient(s) is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these funds cease to exist, 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 appropriate administrative official of the University who is then directly responsible for studies in the natural sciences.

The History Enrichment Fund

The History Enrichment Fund was established November 6, 1981, by the Board of Trustees of The Ohio State University with an anonymous gift to The Ohio State University Development Fund.

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 support research activities in the Department of History; to support an annual graduate fellowship prize for the best history seminar paper; and to provide discretionary funds for the Department of History to support excellence in teaching, departmental social obligations, the search for additional enrichment funds, and as well to publicize the scholarly activities of the Department.
November 6, 1981 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 History Enrichment 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 training students in history.

The C. B. "Bill" Smith Scholarship Fund in Civil Engineering

The C. B. "Bill" Smith Scholarship Fund in Civil Engineering was established November 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of C. B. "Bill" Smith.

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 awarded to an Ohio resident who is a graduate student in structural engineering. Recipients will be determined by the established procedures within the Department of Civil Engineering.

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 Engineering.

The Hilandar Research Project Endowment Fund

The Hilandar Research Project Endowment Fund was established November 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from: (1) individuals and institutions concerned with the preservation and dissemination of Serbian and Slavic culture and the heritage of Orthodoxy which are embodied in the microfilm copies of manuscripts from Hilandar Monastery and other repositories of Slavic manuscripts currently housed in the Hilandar Room in the Main Library, and (2) other friends of the Hilandar Room.

It is understood that the name Hilandar will be used in perpetuity to designate the facility which houses the collection of manuscripts on microfilm from the Hilandar Monastery on Mount Athos, Greece. Donors to the endowment fund will be designated as "Friends of the Hilandar Room."

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November 6, 1981 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 Hilandar Research Project Endowment Fund (contd)

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

The annual income will be used to facilitate scholarship and to disseminate the results of that scholarship throughout this hemisphere and on a worldwide basis. Specifically, the income will be used for library acquisitions, research, publications, and clerical and administrative support in keeping with an annual budget approved by a University Advisory Council for the Hilandar Research Project. Requisitions for the use of these funds will be initiated by the Director of the Hilandar Research Project and approved by the Dean of the College of Humanities.

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 Slavic studies.

The Philip P. Poirier Memorial Fund

The Philip P. Poirier Memorial Fund was established November 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the friends and family of Professor Philip P. Poirier who served as Professor of British history from 1952 until his death in February 1979. Professor Poirier was best known for his prize-winning book on the British Labour Party and for his rigorous and stimulating classes on modern British history.

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 income is to be awarded to one or more graduate students enrolled in the Department of History to support their travel abroad when working on a doctoral dissertation in some area of British history. Each year the Poirier Memorial Travel Fund award will be announced by the Department of History. Applications will be solicited from graduate students. Applications will be evaluated by an appointed committee and recipients will be informed by the Department Chairperson. Awards need not be made each year and are made at the discretion of the Committee and the Department Chairperson.

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 training students in history.

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REQUEST FOR ARCHITECTS/ENGINEERS AND REQUEST FOR CONSTRUCTION BIDS
ENERGY MODIFICATIONS - LINCOLN AND MORRILL TOWERS
Resolution No. 82-44


WHEREAS The Ohio State University has been selected by the U. S. Department of Education to receive funding under the College Housing Program for 1981; and

WHEREAS this funding will provide for energy conservation modifications through Energy Retrofit for Morrill Tower and Lincoln Tower; and

WHEREAS the total project costs for both towers are $522,800 with $497,800 to be a low interest (three percent) loan from the U. S. Department of Education and $25,000 will be provided by The Ohio State University General Dormitory Fund and/or Housing Commission 3; and

WHEREAS several energy conservation measures will be accomplished, i.e., damper and return air modifications, time clocks installed for air systems and night shutdown of heating, ventilating and air conditioning systems, lighting modifications, heat recovery unit will be provided for preheating of water for the domestic hot water system and these modifications will provide excellent payback provisions which are estimated at one year four months:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to proceed to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services; and that the fees for these 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 Administration 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; and

BE IT FURTHER RESOLVED, That all final actions related to the award of engineering contracts for each of these projects will be dependent upon final funding by the United States Department of Education.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
REQUEST FOR ARCHITECTS/ENGINEERS AND REQUEST FOR CONSTRUCTION BIDS

ENERGY MODIFICATIONS - PRINTING FACILITY AND UNIVERSITY HOSPITAL (ECM 5 AND 6)

Resolution No. 82-45

Synopsis: Employment of engineering firms and request for construction bids pending finalization of funding from Federal and local University sources.

WHEREAS The Ohio State University has been selected by the Department of Energy to receive funding under Cycle III of the Department of Energy's Federal Institutional Grants Program; and

WHEREAS this grant will provide fifty percent funding for energy modification projects for the University Hospital, known as ECM-6, and the Printing Facility, known as ECM-5; and

WHEREAS fifty percent for each project will be funded from the Federal Department of Energy and fifty percent from University Hospital funds and Printing Facility local funds with the total project costs being $115,208 for the University Hospital and $105,770 for the Printing Facility:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to proceed to select a qualified engineering firm for each project in conjunction with the Department of Administrative Services; and that the fees for these 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 Administration be authorized to proceed 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; and

BE IT FURTHER RESOLVED, That all final actions related to the award of engineering contracts for each of these projects will be dependent upon final funding by the Department of Energy and the Printing Facility and University Hospital.

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

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TREASURER'S BOND
Resolution No. 82-46

Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.

WHEREAS Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines; and

WHEREAS the Board of Trustees has determined that a bond of $3,000,000 per incident will be adequate protection for the probable amount that realistically will be under the Treasurer's control in any one year:

NOW THEREFORE

BE IT RESOLVED, That the bond of James Lee Nichols, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at $3,000,000.

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

President Jennings requested Mr. Redman to present the following resolution:

EXPRESSION OF GRATITUDE TO WILLIAM E. VANDAMENT
Resolution No. 82-47

WHEREAS, Dr. William E. Vandament served The Ohio State University with distinction from 1976 to 1981 as Executive Assistant to the President, Director of Budget and Resources Planning, and Vice President for Finance and Planning; and

WHEREAS, Dr. Vandament's service has been exemplary in helping Ohio State cope with difficult budgetary problems; and

WHEREAS, Dr. Vandament's expertise in grasping complex financial issues, and his skill in communicating these issues to this Board, to the University's administration, and to its faculty, staff, and students have been of the highest caliber; and

WHEREAS, Dr. Vandament is held in high personal regard throughout the University as a reflection of his open managerial style, his positive attitude, and his warm personality; and

WHEREAS, Dr. Vandament has left Ohio State after his years of distinguished service to accept the important professional advancement of becoming Senior Vice President for Administration at New York University:
November 6, 1981 meeting, Board of Trustees

EXPRESSION OF GRATITUDE TO WILLIAM E. VANDAMENT (contd)

NOW THEREFORE

BE IT RESOLVED, That it is the wish of this Board to recognize Dr. Vandament at the time of his departure from service at The Ohio State University;

BE IT FURTHER RESOLVED, That this Board wishes to make public and plain its deep and sincere appreciation for Dr. Vandament's contributions to the continued fiscal health of the University;

BE IT FURTHER RESOLVED, That this Board wishes to express how keenly Dr. Vandament's professional talents and personal presence on this campus will be missed;

BE IT FURTHER RESOLVED, That this Board wishes to thank Dr. Vandament for his years of devoted service, which have immeasurably benefited The Ohio State University, by directing that this expression of gratitude be inscribed upon the minutes of the Board of Trustees;

BE IT FURTHER RESOLVED, That a copy of this resolution shall be forwarded to Dr. Vandament with our best wishes for his every success as he continues his career at New York University.

Mr. Redman moved that the foregoing resolution be adopted which was seconded by Dr. Jacob.

Mr. Devenow:

I don't think this motion needs any discussion. We're all indebted to Dr. Vandament for a great job he did here at the University, and with that I will ask for those in favor.

The foregoing resolution was approved by unanimous voice vote.

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Mr. Devenow: Mr. President, you have one more item?

COMMENTS BY PRESIDENT JENNINGS

President Jennings:

Yes, Mr. Chairman. At the September Board meeting, as you know we began a process of college preparatory requirements for conditional/unconditional admission. And at that time, we wanted to do it pending a review by the Attorney General’s office. That review has taken place. The Attorney General’s office has responded to us in writing that the 1958 opinion issued by the Attorney General at that time is still applicable to the conditional/unconditional proposal that we made in September, and in that context, the legal issues there I would consider closed. Thank you.

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RESOLVED, That the report on the University's Investment Portfolio, dated October 16, 1981, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

Thereupon the Board adjourned to meet Thursday, December 10, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott Chester Devenow
Secretary Chairman
APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 11, 1981
Page 242 is blank
Commencement Speaker

Simon Dinitz

A professor of sociology who is considered one of the foremost criminologists in the world today, Simon Dinitz has been honored repeatedly by his peers for his influential research in mental illness, crime, juvenile delinquency, and violent behavior. His book on schizophrenia, one of 14 he has written, is credited with the movement which brought schizophrenics out of mental hospitals and into functional lives in the community. It was for this work that he was awarded the 1967 Hofheimer Prize for Research from the American Psychiatric Association.

More recently Dr. Dinitz became the first Ohio State professor to have won both the University’s Alumni Award for Distinguished Teaching (1970) and its Distinguished Research Award (1979). Nominations for these awards are made by students and professional colleagues and reflect the high regard of the entire academic community.

Dr. Dinitz is a native of New York City and received the bachelor of arts degree, magna cum laude, from Vanderbilt University in 1947. He received the master of arts in 1949 and the Ph.D. in 1951, both from the University of Wisconsin. He has been a faculty member at Ohio State since 1951.

His accomplishments exemplify the scholarly excellence of the University’s faculty and their dedication to the University’s mission of teaching, research, and service. The Ohio State University is honored to have Simon Dinitz address the graduates of the 278th Commencement.
Recipients of Honors

Merritt Madison Chambers
Doctor of Humane Letters

A longstanding and ardent supporter of public higher education, M. M. Chambers has been teaching and doing scholarly research for more than a half-century. He has been the mentor of thousands of students. In the course of his distinguished career, he has written 35 books and monographs and some 400 published articles. Known for his expertise in higher education finance and law, he has, for nearly 25 years, collected, analyzed, and circulated statistics on support by the fifty states for higher education. His staunch advocacy of public higher education is best expressed by one of his often-quoted statements: “The public value of universal access to higher education is incalculable. It is the most productive possible long-term investment for public funds, for dollar return, and for the intangible benefits to society.” The Ohio State University is pleased to honor its alumnus, Merritt Madison Chambers, for his invaluable contributions to public higher education.

Jack O. Evans
Distinguished Service Award

The hearts of Ohio State University’s friends have thrilled as Jack O. Evans filled this campus with music. As director of the University’s Activities Band, the Buckeye Scarlet Band, Military and Marching Band, he has kindled the friendship and spirit that are Ohio State. As professor of trombone, he is known throughout the country as a distinguished teacher. During his many years of service, his dedication to this institution has continued to grow. Even after retirement, he has sought out and counseled students who have become part of the Ohio State musical tradition.

As professor emeritus, he organized the Alumni Marching Band, a group unique to the annals of college marching bands. Alumni throughout this country and Europe are a tribute to the excellence of this widely respected scholar and teacher. For one who has given so much to the University, it is fitting that Ohio State now sings his praises.

John A. Prior
Distinguished Service Award

The medical career of Dr. John A. Prior has brought honor and credit both to himself and to this University. An alumnus of this institution, he provided academic and administrative leadership to the College of Medicine for more than 40 years. Serving in the ranks from instructor to director of the Pulmonary Disease Division to dean of the College of Medicine, Dr. Prior through his expertise has given strength to the medical program here. Others as well have recognized his contributions to Ohio State. The recipient of a University Distinguished Teaching Award and an Alumni Achievement Award, he was also voted Man of the Year in the College of Medicine. Through his scientific publications and other writings, he has advanced the study of medicine far beyond this institution. Ohio State University has been well served by the contributions of this noted physician.
The Graduate School

Dean: Jules B. LaPudios
Doctor of Philosophy

Hossein Abolmolouki, Tehran, Iran; B.S.
M.S.; Electrical Engineering; Dr. Richard M. Campbell

Girmai Abraham, Asmara Eritrea, Eritrea;
B.S. (Halle Selassie University); M.S.; Agricultural Economics and Rural Sociology; Dr. D. Lynn Forster

Ben Sola Adeyemi, Ado-Ekiti, Ondo, Nigeria; B.A. (University of Ife); M.A.; Physical Education (Health Education); Dr. Ralph C. Bates

Robert A. Akins, Savannah, Ga.; B.A. (Wittenberg University); Microbiology; Dr. Thomas J. Byers

Mustafa Mohamed Abdel Monem Gad Aly, Cairo, Egypt; B.Sc. (Cairo University); M.Sc. (University of Windsor); Civil Engineering; Dr. Kamran Majlinda

Dana Dewitt Anderson, Huntsville, Ala.; B.A. (Antioch College); M.A.; Psychology; Dr. Andrew I. Schuebel

Catherine Ann Baird, Pittsburg, Kan.; B.A. (Kansa State College); M.A.; Economics; Dr. Wilford L. L'Esperance II

Frank Joseph Barone, Athens, B.Met.E. (Rensselaer Polytechnical Institute); M.A.; Education; Dr. William W. Wayson

Michael Lynn Beitze, New Philadelphia; R.A. (College of Wooster); M.Ed. (University of Cincinnati); Physical Education; Dr. Charles L. Mund

Timothy Lee Best, Lima, B.S.; M.A.; Education; Dr. Donald R. Bateman

Joyce Haimgere Brannon, Columbus, B.S., M.A.; Health Education (Physical Education); Dr. Mary K. Beyer

Utaka Choudhuri, Guahati Assam, India; B.S. (Assam Agricultural University); M.S. (Punjab Agricultural University); Agronomy; Dr. Paul R. Henderson

Chih-ming James Chen, Taipei, Taiwan, B.O.; B.S., M.S. (National Taiwan University); Pharmacy; Dr. Sylven G. Franken

Gerald Patrick Chubb, Xenia, B.S.; M.A.; Industrial and Systems Engineering; Dr. Richard A. Miller

Kui-Nan Douglas Chung, Yun-Lin, Taiwan; B.A. (Soochow University); M.S.W. (West Virginia University); M.A.; Social Work; Dr. Joseph J. Parnicky

Robert John Contolini, Columbus; B.S. (Case Western Reserve University); Chemistry; Dr. C. Weldon Mathews

John Dudley Corrigan, Columbus; B.A. (New College); M.A.; Psychology; Dr. Kyle D. Schmidt

James Herman Cox, Logan, W. Va.; B.S. (Malone College); M.A.; Education; Dr. George P. Ecker

Melba McCallister Crawford, Austin, Tex.; B.S., M.S. (University of Illinois); Industrial and Systems Engineering; Dr. Ralph W. Swain

Jerome Joseph Cronin, Jr., Urbana; B.S.B. (Wright State University); M.B.A. (University of Dayton); Business Administration; Dr. Bernard Londe

Gary Dean Crouse, Cincinnati; B.S. (Bowling Green State University); Chemistry; Dr. Leo A. Paquette

James Patrick Crowley, Westerville; B.S., M.S.; Anatomy; Dr. G. Adolph Ackermon

Sohrab Dastfar, Mashhad, Iran; B.A. (National University of Iran); M.A. (George Washington University); Education; Dr. Anthony C. Ricio

R. Louis Daugherty; B.S., M.Ed. (Kent State University); Education; Dr. Roy A. Larmee

Mary Francis DeMellier, Bel Air, Md.; B.S., M.S. (University of Maryland at Baltimore); Psychology; Dr. Henry R. Angelino

Christopher Philip Doane, Munnar Falls; B.Mus.Ed.; M.M. (The University of Akron); Music; Dr. A. Peter Costanza

Jerry Edward Dummond, Tallmadge; B.M.E. (General Motors Institute); Mechanical Engineering; Dr. Serrp A. Kortepa

Joseph Baptist D'Silva, Bombay, India; B.Pharm. (University of Bombay); Pharmacy; Dr. Robert B. Notari

Eltyeay Ali Elbag, Jad Medani Gestra, Sudan; B.S. (University of Khartoom); M.S.; Entomology; Dr. David J. Horn

Thomas Albert Engler, Ipswich, S.D.; B.S. (South Dakota State University); Chemistry; Dr. Harold Skechter

Sandra Sue Evans, Columbus; B.A.; M.A.; Sociology; Dr. Joseph E. Scott

Christopher Douglas Farrar, Los Angeles, Calif.; B.A. (University of California at Los Angeles); M.A.; Linguistics; Dr. Ilse Lehiste

Jeffrey Blair Finch, Columbus; B.S.; M.A. (State University of New York); Physiological Chemistry; Dr. Howard W. Sprecher

Patrick Hudson Filbin, Sidney, B.S. (University of Dayton); Mathematics; Dr. William J. Davis

Donald Lettell Fry, Columbus; B.A., M.A. (Bowling Green University); Communication; Dr. Thomas A. McCann

Christopher Richard Gabel, Parkersburg, Pa.; B.A. (Pennsylvania State University); M.A.; History; Dr. Harry L. Cole, Jr.

Maria Dolores Gandell, Villa Espana, Bayamón, Puerto Rico; B.A. (Inter-American University); M.S.W. (University of Puerto Rico); Social Work; Dr. Josefa J. Parnicky

David John Garling, Ashland, A.B. (Indiana University); Developmental Biology; Dr. Roy A. Tassone

Julia Bever George, New Carlisle; B.S. (University of Cincinnati); M.S.; Education; Dr. Virgil E. Blanke

Robert George Gillingham, Uniontown, Pa.; B.S.Ed. (Clarion State College); M.A. (University of Alabama); English; Dr. Alan K. Brown

Philip B. Gordon, Indiana, Pa.; B.A. (University of Connecticut); M.S. (Florida State University); Home Economics; Dr. Patrick C. McKenny

Robert Howard Greenberg, Yorkers, N. Y.; B.S., M.S. (State University of New York at Albany); Accounting; Dr. John K. Shank

Kathy Lynn Greenwood, Calif., N. Mex.; B.A., M.A. (New Mexico State University) English; Dr. Robert C. Jones

Takao Gunji, Tokyo, Japan; B.S. (University of Tokyo); M.A.; Computer and Information Science; Dr. H. William Butteiman

Anthony Philip Haag, Tyrone, Pa.; B.S. (Pennsylvania State University); Chemistry; Dr. John S. Swanton

Gloria Jean Harris, Homer, La.; B.S. (Southern University); M.S. (Michigan State University); Food Science and Nutrition; Dr. John B. Alford

Leon Calvin Hays, Little Rock, Ark.; B.S. (University of Arkansas); M.S. (State College of Arkansas); Health Education (Physical Education); Dr. Robert Kaplan

Francis Sizemore Henley, Huntington, W. Va.; A.B., A.M. (Marshall University); History; Dr. Leila J. Rupp

Jeanne Martha Hogarth; B.S. (Bowling Green State University); M.S.; Home Economics; Dr. Nancy M. Rudd
Marilyn Hill Berry, Columbus; B.S. (Fayetteville State University); Education
Bradley Samuel Berson, Beachwood; B.S.; Psychology
Zenoby Ann Betties, Birmingham, Ala.; B.S. (Miles College); History
Martin Edmund Block, Silver Spring, Md. A.B. (Gallford College); Physical Education
Paula Jean Booker, Minden, La.; B.A. (Southern University); Journalism
Virginia H. Bosse, Worthington; B.F.A. (Ohio University); Communication
Doreen Bowen, Riegelwood, N. C.; B.A. (Johnson C. Smith University); Psychology
Thomas Boyd, St. Louis, Mo.; B.A. (University of Missouri-St. Louis); Political Science
Steven James Breckler, Los Angeles, Calif.; B.A. (University of California, San Diego); Psychology
Sharon Mildred Brooks, Columbus; B.A. (Ohio Dominican College); Education
Borden Anthonia Brown, Ashatabula; B.Mus. (Ohio University); Music
Deborah Baaske Brushaber, Sandusky; B.S. (Bowling Green State University); Languages and Literatures
Deborah Sue Bruton, Fayetteville, N. C.; B.S. (East Carolina University); Communication
Elaine Bunton, Hamersville; A.B. (Ashbury College); Music
Glenna Lawrence Cameron, Westerville; B.S.Ed.; Education
Joseph A. Cantrell, Lexington; B.Mus.Ed. (Otterbein College); Music
Donna Jean Card, Galloway; B.S.Ed.; Education
Dana Click Charlton, Worthington; A.B. (Eastern Kentucky State College); Education
Shi-Zhen Chou, Hong Kong; Diploma (Hong Kong Baptist College); East Asian Languages and Literatures
Flora J. Church, Berlin Heights; B.A. Anthropology
Janet Turuda Clevenstine, Columbus; A.B. (University of Illinois); Journalism
Harvey Joseph Click, Columbus; B.A.; English
Mark David Cloud, Columbus; B.S.; Psychology
James Vincent Coffey, Jr., Columbus; B.S.Soc.Wel.; Education
Reagan E. Cox, Birmingham, Ala.; B.A. (Stillman College); Education
Maria Elena Cruz, Columbus; B.A.; Public Administration
Denise Patricia Devine, Columbus; B.A. (Wittenberg University); Education
Eileen Theresa Dugan, Houston, Tex.; B.A. (Texas Tech University); History
Nancy Jo Dziak, Lakeside; B.S.; Psychology
Doris Friece Eichenshr, Johnstown; B.S.; Education
Cyprian Onyeagohirimma Ejiana, Onohia-Ndoki, Imo, Nigeria; B.S., M.B.A. (Miami University); Economics
Elena Maddalena Ellinwood, Verona-Bussolengo, Italy; B.A. (Bowling Green State University); Romance Languages and Literatures
Marianne Ellwood, Warren; B.S.; Education
Jan Paquette Eriksen, Columbus; B.A.; Journalism
Gerri G. Evans, Gahanna; B.A.; Communication
Julie Anne Evans, Columbus; B.S. (Miami University); Communication
Alice Romayne Feister, Akron; B.A. (Kent State University); Education
Diane René Fisher, Columbus; B.A.; Romance Languages and Literatures
Teresa Lynn Frazier, Columbus; B.S.Ed. (Ohio Dominican College); Education
Erma Mae Freeman, Lithopolis; B.S.Ed. (Ohio University); Education
William Wells Friday, Columbus; B.A.; Education
Samuel M. C. Fung, Hong Kong; B.F.A. (The Columbus College of Art and Design); Industrial Design
Paty Fernandez Gartner, Newark; B.S.Ed.; Education
Cheryl Demise Gaskins, Jersey City, N. J.; B.A. (Florida Agricultural and Mechanical University); Black Studies
Jennifer Lynne Aocella Gaylord, Columbus; B.S. (Ohio Dominican College); Education
David Brian George, Columbus; B.A. (University of Missouri, Columbia); Classics
Nelly Rimini Goren, Ramat-Hasharon, Israel; B.A.; Psychology
Patricia Ann Greene, Columbus; B.A.; English
Fügen Hatice Gültekin, Giresun, Turkey; B.S. (Bogaziçi University); Education
Matthew David Habash, Steubenville; B.A. (Xavier University); Public Administration
Suzanne Kay Harper, Dayton; B.S.Nurs.; Physical Education (Health Education)
Lawrence Jame Hettinger, Lee, N. H.; B.A. (University of New Hampshire); Psychology
Gloria Jean Highbarger, Newark; B.S.Ed. (California State College); Education
Joan Otto Hildebrand, Upper Arlington; B.S.; Psychology
Willadean Harrison Huston, Portsmouth; B.S.Ed.; Education
Lee Roland Jenkins, Youngstown; B.A.; Jour.; Journalism
Christine Louise Kesler, Columbus; B.S.Ed. (Ohio University); Education
Myong Ok Kim, Inchon-City, Korea; B.A. (Ewha Woman's University); Education
Catherine Susan Kittle, Okemos, Mich.; B.A.; Communication
Lorna Marie Knoll, Marshalltown, Iowa; B.A. (College of St. Teresa); Communication
David Lee Kraft, Columbus; B.A. (Junista College); Journalism
Joanne Maria Kraak, Hastings, Sussex, England; B.A. (University of Hull); Dance
Pamela Lehning, Hopwood, Pa.; B.S. (The Pennsylvania State University); Physical Education
Michelle Borror LeVeque, Columbus; B.A. (Wheaton College); English
Hun-Gi Li, TaoYuan, Taiwan, R.O.C.; B.A. (Soochow University); Economics
Stephen Kyle Long, Wilmington, Del.; B.A. (DePauw University); B.Mus.; Music
Linda Elaine Lust, Kenton; B.F.A. (Ohio University); Music
Gilbert Anthony Macalli, Jr., Niles; B.A. (John Carroll University); Romance Languages and Literatures
Daniel Thomas Maloney, Milwaukee, Wis.; B.A. (Marquette University); Communication
Mohar Mas'ud, Yogya, Indonesia; Doctoranous Degree (Gadjia Mada University); Political Science
Sugako Y. Matsui, Tokorozawa, Japan; Bachelor of Commerce (Yokohama City University); Economics
John Lower Maxwell, Benton; B.A. (Gothen College); Education
James W. McPherson, III, Hartville; B.A. (Miami University); Public Administration
Faye W. Mellina, Columbus; B.A.; Education
Barbara Bunker Reed, Bezley; B.S.S.W.; Education
William James Richards, Columbus; B.A. (University of Kentucky); Physical Education
Deborah Rickwald, Louisville, Ky.; B.A., M.A. (University of Louisville); Theatre
Reginald Brittain Rockwell, Columbus; B.A. (Washington College); Journalism
Stephen Edward Rodockner, Zanesville; B.A. (Ohio University); Public Administration
Robert Dolan Roth, Erlanger, Ky.; B.A. (Wittenberg University); Education
Gienn Phillip Roulette, Los Angeles, Calif.; B.A. (Southwest Texas State University); History of Art
Mark Andrew Runkle, Powell; B.S.E.P.; Business Administration
Demetra M. Sarri, Thessaloniki, Greece; B.A. (Aristotelian University); Classics
Stephen Randolph Saunders, Galena; Political Science
Jayne Ellen Schackter, Plainview, N.Y.; B.S. (Cornell University); Psychology
Zulika Schirg, Westerville; B.A. (Otterbein College); B.S.Ed.; Education
Karen Benson Schwanehamp, Westerville; B.S.; Education
Susan Elizabeth Scott, Willoughby Hills; B.S. (Miami University); Communication
Cheryl Glenn Seitz, Marion; B.S.Ed.; Education
Robin Lynn Seymor-Hicks, Athsbula; B.S.S.W., M.S.W.; Public Administration
Rhonda Lee Shary, Columbus; B.A.; English
Vincent John Sheehan, Columbus; B.S. (John Jay College); Education
James Simmons, Jr., Middletown; B.G.S. (Kent State University); Black Studies
Sharon Sue Sims, Columbus; B.S.Ed.; Education
Jennifer Lynne Slagle, Worthington; B.S. (Miami University); Communication
Nicole Gneada Smith, Worthington; B.F.A. (Ohio Wesleyan University); Art Education
Patricia Ann Smith, Ashland; B.A.; Psychology
William Dean Smith, Cridersville; B.S., B.F.A., B.Mus.; Interdisciplinary: History of Art, Dance, Music, and Theatre
Anil Kumar Daniel Solanki, Ahmedabad, India; B.D. (Union Biblical Seminary); M.T. (United Theological College); Education

James Randolph Sprague, Columbus; B.A. (University of Delaware); Political Science
Vicki Triffon Steger, Columbus; B.S. (Ashland College); Education
Julie Patricia Stets, Niles; B.S. Ind. Ed.; Art Education
Margaret Sue Strefte, Worthington; B.S.N. (University of Tennessee); Physical Education (Health Education)
Louis Tijerina, San Antonio, Tex.; B.A. (Saint Mary's University); Psychology
Mary Ellen Anderson Tuyn, Columbus; B.S.Ed.; Education
Vicki Sue Vennick, Lansings, Mich.; B.A. (Michigan State University); Communication
Tanaask Wahawisan, Bangkok, Thailand; B.A. (Chulalongkorn University); Political Science
Wanda Brunette Walden, Louisville, Ga.; B.S. (Morris Brown College); Education
Michael French Walker, Iowa City, Iowa; B.A. (Alion College); Physical Education
Cynthia Russell Wanamaker, Columbus; B.A. (University of Toledo); Education
Carlton Norman Weber, Worthington; B.Mus.Ed. (Capital University); Music
Delores D. Moore Webster, Columbus; B.S.; Education
Paul Richard Weishampel, Avon Lake; B.A.; Anthropology
Jay Neil Weitz, Columbus; B.A. (University of Pennsylvania); M.L.S. (Rutgers University); Education
Deborah Wellmes, Grove City; B.A.; Communication
Cheryl Jean Wierman, Blue Island, Ill.; B.E. (Illinois Wesleyan University); Music
Vida Meadows Wilhelm, Worthington; B.A.; Education
Martha Ann Wilson, Montpelier; A.B. (Wittenberg University); Education
Michael Stuart Wittwer, Columbus; B.A. (Miami University); Education
Annie Mary Wong, Kowloon, Hong Kong; B.S. (The Defiance College); Music
Lou Ann Workman, Columbus; B.S.Ed. (Bowling Green State University); Education
Christopher Joseph Zahn, Dayton; B.A.; Communication
Joel Leon Zureick, Columbus; B.S.; Psychology
Master of Business Administration

Md. Amin Ajalil, Malaysia; B.B.A. (Ohio University); Business Administration
Demetrios Alevizopoulos, Columbus; B.S. (DePauw University); M.S.; Business Administration
Charles S. Bath, Columbus; B.S. (Miami University); Business Administration
Bruce Joel Belinky, Youngstown; B.B.A. (Ohio University); Business Administration
Mary Lou Burns, Cleveland; B.A.
Bruce Joel Belinky, Youngstown; B.B.A. (Ohio University); Business Administration
Demetrios Alevizopoulos, Columbus; B.S. (Ohio University); Business Administration
Michael Edward Bosway, Springfield, III.; B.A. (University of Dayton); Business Administration
James Michael Brennan, Columbus; B.S.; Business Administration
Robert L. Buenger, Ottoville; B.B.A.; Business Administration
Mary Lou Burns, Cleveland; B.A. (Cleveland State University); Business Administration
Dianne Kay Kemble Cellantani, Lancaster; B.B.A.; Business Administration
Layne Edward Cochran, Lancaster; B.B.A. (Cleveland State University); Business Administration
William John Deckman, Mayfield; B.S., M.A.; Business Administration
Debra Kaye Evans, Lima; B.B.Bus.Adm.; Business Administration
Thomas William Fields, Westlake; B.S. (Mount Saint Mary's College); Business Administration
Patrick Joseph Fiorelli, Pickerington; B.B.A. (Ohio University); Business Administration
Douglas Lee Kaufman, Columbus; B.B.Bus.Adm.; Business Administration
Edward Howard Kloboves, Fowler; B.B.A. (University of Cincinnati); Business Administration
Judith Ellen Knechtges, Crafton; B.S.Pham. (Ohio Northern University); M.H.A.; Business Administration
Robert Gervase Koenig, Jr., Cincinnati; B.S. (Miami University); M.Acc.; Business Administration
Frederick Richard Kruse, Columbus; B.S.Bus.Adm.; Business Administration
Laura Ann Labno, Palos Hills; B.A., M.A. (University of Illinois); Business Administration
Lawrence James Larsen, Jr., Randolph, N. J.; B.A.; Business Administration
Douglas Raymond Malcolm, Canton; B.S.Bus.Adm.; Business Administration
Peter Michael McHugh, New Hyde Park, N. Y.; B.S. (University of Dayton); M.C.R.P.; Business Administration
Tom Edward Moorman, Columbus; B.A., M.A. (Cornell University); Business Administration
Jerome Frederick Mossbarger, Jackson; B.S. (U.S. Military Academy); Business Administration
Hayden Scott Noble, Galion; B.S.; Business Administration
Vijay-Kumar Sankaran Paduheri, Madras, India; Tech. (University of Madras); Business Administration
Alfredo Sotomayor Ramos, Gabo Rojo, P. R.; B.S.B.A. (University of Puerto Rico); Business Administration
Steven Joseph Ruhe, Ottawa; B.S. (Miami University); Business Administration
David Luther Saurer, Philadelphia, Pa.; B.A. (Wittenberg University); Business Administration
Craig Robert Sedoris, Springfield, B.S., B.A.; Business Administration
Robert Brandt Shepherd, Bay Village; B.S. (Miami University); Business Administration
Philip Wendeil Shoemaker, Columbus; B.B.A. (Eastern Kentucky University); Business Administration
Gregg Arthur Sphist, Napoleon; B.S. (Miami University); Business Administration
Robert John Stambelan, Detroit, Mich.; B.S. (Wayne State University); Business Administration
Surendra Nath Tiwari, Sasaram, India; B.Sc. (Bharalpur University); M.S.; Business Administration
Harry Haralambo Totoron, Columbus; B.B.Bus.Adm.; Business Administration
Jen-Lin Tu, Taichung, Taiwan, R.O.C.; B.Com. (National Cheng-Chi University); Business Administration
Joseph Melvin Vallo, Minster; B.S.; Business Administration
Frederic Stoneman Vorys, Columbus; B.A. (Dartmouth College); Business Administration
Janet Karen Bansom Warton, Columbus; B.A., B.S.Ed., M.A. (University of Southern California); Business Administration
Kartono Widjaja, Medan, Indonesia; B.S.B.A. (Boston University); Business Administration
William S. Williams, Columbus; B.A. (Duke University); Business Administration
Sucheng Ying, Taipei, Taiwan, R.O.C.; B.S., M.A. (National Cheng Kung University); Business Administration

Master of City and Regional Planning

Stephen Richard Chaney, Indianapolis, Ind.; B.S. (Purdue University); City and Regional Planning
Mitra Afmameh Farookhi, Tehran, Iran; B.S.Arch., M.Arch.; City and Regional Planning
Alfred Frederick Hunter, Florence, S. C.; B.S. (Allen University); City and Regional Planning
Stephen Paul Kotvis, Milwaukee, Wis.; B.A. (Park College); City and Regional Planning
Szu-Fu Ma, Taipei, Taiwan, R.O.C.; B.S.E. (National Cheng-Kung University); M.S.; City and Regional Planning
William Tracy Rogers, Newark; B.S.; City and Regional Planning
All Sadeghi, Tehran, Iran; B.S.Arch., M.Arch.; City and Regional Planning
Murari Jayantilal Shah, Bombay, Maharashtra, India; B.Arch. (Indian Institute of Technology); M.Arch.; City and Regional Planning
Kathleen Kamp Shaw, Columbus; B.A. (DePauw University); City and Regional Planning
Patuan Paribhutan Sinlapupong, Jakarta, Indonesia; Sarjana Muda Teknik, Sarjana Planological (Institut Teknologi Bandung); City and Regional Planning

Master of Fine Arts

Richard John Balabuck, Saskatoon, Saskatchewan, Canada; B.F.A. (University of Saskatchewan); Art
Christy Lee Barker, Columbus; B.A.; Theatre
Sharon J. Barneczy, Columbus; B.A. (Miami University); Theatre

Master of Humanities

Judith Merkle Fertig, Columbus; B.A. (Wittenberg University); Humanities
Joan Samia Smith, Steubenville; B.S. (West Liberty State College); Humanities

Master of Labor and Human Resources

Amy Shepherd Brubaker, Columbus; B.S.B.A. (Franklin University); Labor and Human Resources
Paul Joseph DiFranco, Parma; B.A. (Baldwin-Wallace College); Labor and Human Resources
Paola Davis Raghuaraman, West Chester; B.A., M.A. (University of Kentucky); Labor and Human Resources
Ada Bell Sickmeier, Columbus; B.S.; Labor and Human Resources

Master of Music

Sylvia Hummel, Brick Town, N. J.; A.B. (Vassar College); Music
Barbara Gail Stadelman, Lexington, Ky.; B.Mus.; Music
Master of Science

Mark Steven Ackerman, Columbus; B.A. (University of Chicago); Computer and Information Science

Jane Flemm Altman, Columbus; B.S.N. (University of Pittsburgh); Nursing

Moh. Nazih Alyaushi Elouich, Damascus, Syria; B.Sc. (Damascus University); Civil Engineering

Muhammad Arshad, Punjab, Pakistan; B.Sc. (University of Engineering and Technology); Electrical Engineering

Kojo Assan, Selipong, Ghana; B.Sc. (University of Ghana); Agricultural Economics and Rural Sociology

Douglas Mackay Austin, Upper St. Clair, Pa.; B.A. (Denison University); Natural Resources

Sherif Fathy Ayoub, Cairo, Egypt; B.Sc. (Cairo University); Civil Engineering

Jonathan Scott Bagby, Grand Rapids, Mich.; B.S.E.E. (Michigan State University); Electrical Engineering

Bruce Edwin Bailey, Rootstown; B.S.Agr.; Agronomy

Philip Chamanwara Banu, Harare, Zimbabwe; B.Tech. (Indian Institute of Technology); Civil Engineering

Cheryl Elizabeth Battle, Kinston, N.C.; B.S. (Hampton Institute); Nursing

Deborah Keyser Bauser, Zanesville; B.S.N. (University of Cincinnati); Nursing

Parvin Bayat, Iran; B.S. (Girls College of Iran); Horticulture

Theresa Maurine Becker, Alton, Iowa; B.S. (Mound Mount College); Nursing

Efat Beladi, Shiraz, Iran; B.S. (Pahlavi University); Chemistry

Enrico Sayoc Belen, Greenhills, Philippines; D.D.M. (University of the East); Dentistry

Robert Edward Bender, Prospect; B.S.Agr.; Agricultural Education

Patricia Louise Bethel, Streubenville; B.A. (Wittenberg University); Nursing

David Paul Boerchelein, Columbus; B.A. (Wittenberg University); Mathematics

Susana Ackerman Bogler, Caracas, Venezuela; B.S.; Microbiology

Ardis Marie Bolstad, Columbus; B.S. (The University of Kansas); Allied Medical Professions

Bret Lloyd Boman, Columbus; B.S.M.E.; Nuclear Engineering

David Louis Braun, Columbus; B.S.C.I.S.; Computer and Information Science

George W. Broughton, Marietta; B.S.Agr.; Agricultural Economics and Rural Sociology

Nancy Reger Broughton, Geneva; B.S.H.E.; Home Economics

Patricia Ann Brown, Pickerington; B.S.N. (Marycrest College); Nursing

Karen Susanne Bruns, Celina; B.S. (University of Dayton); Home Economics

Beverly Ann Bun, Mansfield; B.S. (Miami University); Allied Medical Professions

George Edward Carrver, Columbus; B.S., M.A. (University of New Mexico); Physics

Richard Michael Casey, Commerce City, Colo.; B.S. (Colorado State University); Zoology

Sib-Ge Ezet Er, Taiwan; R.O.C.; B.S. (National Taiwan University); Botany

Danny H. Chu, Taipei, Taiwan; R.O.C.; B.S. (Soochow University); M.S. (National Tsing Hua University); Mathematics

Randall Mark Cooper, Kalimazoo, Mich.; B.A. (Valparaiso University); Entomology

Sharon Butz Cowen, Columbus; B.S.H.E.; Home Economics

Robin Dale Cox, Columbus; B.S.; Agricultural Economics and Rural Sociology

Robert Edward Cusmhan, Rochester, N.Y.; B.A. (State University of New York at Geneseo); Computer and Information Science

Penelope Louise Daniels, Huntington, W. Va.; B.S., B.S.N.; ( Marshall University); Nursing

Wayne Steven Davis, Chicago, Ill.; B.S.C. (Northeastern Illinois University); Environmental Biology

Daniel Edward Drexler, Akron; B.S. (University of Notre Dame); Industrial and Systems Engineering

Carl Edwin Engelmann, Lawton, Okla.; B.S. (Cameron College); Chemistry

Suzan Willie Emen, Columbus; B.S.M.E.; Mechanical Engineering

Guillemo Estrada, Bogota, Colombia; Ingeniero de Sistemas y Computacion (Universidad Los Andes); Computer and Information Science

John David Evans, Columbus; B.S.Nat.Res.; Natural Resources

Beth Arline Ewing, Cleveland; B.S.I.S.E.; Industrial and Systems Engineering

Aly El-Sayad Ahmed Farag, Mit Ghmr, Mansoura, Egypt; B.S., Biomedical Eng., Diploma (Cairo University); Biomedical Engineering

Rebecca Ann Fazi, Weirton, W. Va.; A.B. (West Liberty State College); Home Economics

Michael Lee French, Wintersville; B.S.E.E. (Ohio University); Biomedical Engineering

Karen Rae Friedman, Beachwood; B.S. (The American University); Home Economics

Thomas Richard Frigge, Pique; B.S.Bus.Mgt.; Home Economics

Wendy C. Golsdstein, Columbus; B.S.; Home Economics

Patricia Fisher Graves, Columbus; B.S.Nurs.; Nursing

Debra Lynn Griest, Hilliard; Natural Resources

Dorice Ann Grosniklaus, Whitehall; B.S.Nurs.; Nursing

Kunj Bhari Gupta, Bikaner, Rajasthan, India; B.Tech. (Banaras Hindu University); Ceramic Engineering

Nancy Alice Heaslip, Cortland, N.Y.; B.A. (State University of New York at Geneseo); Zoology

Nancy Griffin Hedden, Lakeview, Oreg.; B.S. (Oregon State University); Home Economics

Daniel Nelson Heer, Columbus; B.S.E.E.; Electrical Engineering

Joseph Benjamin Henry, Jr., Baldwinville, N.Y.; B.S. (LaMoyn College); Chemistry

Dan Seymour Hickman, Reynoldsburg; B.S.; Animal Science

Caroline Dee Himes, Upper Arlington; B.S.; Agricultural Economics and Rural Sociology

Li-Hua Oliver Ho, Taichung, Taiwan, R.O.C.; B.S. (Tonghai University); Chemistry

David Arthur Holdford, Chicago, Ill.; B.S.Pharm. (University of Illinois Medical Center); Pharmacy

Helen Elaine Holmes, South Hill, Va.; B.A. (Ghaw University); B.S. (North Carolina State University); Chemical Engineering

Timothy Jay Holt, Brinkhaven; B.S.BusAdm.; Agricultural Economics and Rural Sociology

Francis John Holtschauer, Columbus; B.S.; Preventive Medicine

Philip Scott Honinger, Athens; B.A. (Northeastern University); M.S., Ph.D. (Ohio University); Computer and Information Science
Ronnie Douglas Horner, Toledo; B.Sc., M.A. (The University of Toledo); Preventive Medicine

Michael Chuan-Wen Hsieh, Kaohsing, Taiwan; B.Arch. (Chung Yuan Christian College of Science and Technology); Civil Engineering

Shih-Hsiung Hsu, Kaohsing, Taiwan, R.O.C.; B.Arch. (Chung Yuan Christian College of Science and Technology); Civil Engineering

Ulpiano Pineda Ignacio, Jr., Guagua, Pampanga, Philippines; B.S. (University of the Philippines); Civil Engineering

Robert Wilson Indian, Columbus; B.A.; Preventive Medicine

Michael A. Ivie, Modesto, Calif.; B.S. (University of California—Davis); Entomology

Andrew John Jacobs, West Homestead, Pa.; B.A. (Saint Vincent College); Preventive Medicine

Barbara L. Jaffe, Columbus; B.S. (University of Pittsburgh); Preventive Medicine

Norma May Keefer, Shelby; B.S.N. (Wright State University); Nursing

Philip Keller, Basel, Switzerland; Physics

Kristen Wright Kennedy, Delaware; B.S.; Allied Medical Professions

Liang Chun Ker, Taipei, Taiwan, R.O.C.; B.S.E. (National Cheng Kung University); Civil Engineering

Elizabeth Mann Kibler, Mobile, Ala.; B.S. (Stetson University); B.S. (University of South Alabama); Geology and Mineralogy

Sandra Jean Kindig, Massillon; B.S. (Bowling Green State University); Home Economics

Michael Lynn Kissinger, Delaware; B.S.; Agricultural Education

Noreen Noriko Koga, Honolulu, Hawaii; B.S.H.E. (University of Hawaii); Home Economics

Thomas Frank Konst, Green Springs; B.S.Agr. (Pennsylvania State University); Chemistry

Tina Marie Kravetz, Vestaburg, Pa.; B.S. (Pennsylvania State University); Chemistry

Kuo-Fang Ku, Taipei, Taiwan, R.O.C.; B.E. (Chung Yuan Christian College of Science and Engineering); M.S.; Civil Engineering

Dianne Celeste Kulasa, Elroy; B.S.Nurs.; Nursing

Si-Cheng Kung, Taipei, Taiwan, R.O.C.; B.S. (National Chung Kung University); Metallurgical Engineering

John Joseph Labosky, Newton Falls; B.S. (Case Western Reserve University); Electrical Engineering

Stephen John LaFlamme, Anherst, N.H.; B.S. (Worcester Polytechnic Institute); Nuclear Engineering

Mark Anthony Lambertia, Toronto; B.S.M.E.; Mechanical Engineering

Theodore Alan Lang, Woodville; B.S.M.E.; Mechanical Engineering

David Alan Lauzau, Strongsville; B.S.I.S.E.; Industrial and Systems Engineering

Ann Elizabeth Leary, Little Compton, R.I.; B.S. (Providence College); Poultry Science

Fred Douglas Leckie, Jr., Columbus; B.S. (University of Miami); Natural Resources

Eun Young Lee, Seoul, Korea; B.E., M.E. (Yonsei University); Engineering Mechanics

Jay-Hyun Lee, Seoul, Korea; B.S. (Rutgers College); Electrical Engineering

Teresa Katharine Lewandowski, South Bend, Ind.; B.S. (John Carroll University); Computer and Information Science

Stuart Alan Lewis, Cincinnati; B.S.; Mathematics

John T. Li, Maywood, N.J.; B.S. (Tunghai University); M.S.C.S. (University of Dayton); Electrical Engineering

Chung-Chih Lin, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Animal Science

Daniel Alan Lindsay, Van Wert; B.S.C.E.; Civil Engineering

Jen-Sheng Liu, Hsin-Ying Tainan, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); Chemistry

Chiu Chi Lo, Kowloon, Hong Kong; B.S.C.E. (West Virginia University); Civil Engineering

Richard Carl Lorenc, Columbus; B.A. (Miami University); Environmental Biology

Paul Duncan MacDougall, Columbus; B.S. (University of North Carolina—Chapel Hill); Computer and Information Science

Robert Edwin Magee, Columbus; B.S.E.E.; Electrical Engineering

Joel Warren Massmann, Deshler; B.S.E.E.; Civil Engineering

Duane Loren Mattern, Bay Village; B.S.M.E.; Mechanical Engineering

Rita Carol Mayfield, Danville, Ky.; B.S. (Kentucky State University); Home Economics

Jeniffer Burnham McHugh, Paliselles; B.S. (Mount Union College); Plant Pathology

Nora Luellen McKenzie, Marion, Ark.; B.S. (University of Arkansas at Pine Bluff); Home Economics

John William Means, Jr., Cleveland; B.S.; Zoology

David Raymond Meredith, Powell; B.S.M.E. (Ohio Northern University); Mechanical Engineering

Glenn Ray Moyer, Hillsboro, Kans.; B.A. (University of Kansas); Computer and Information Science

David John Millhouse, Flint, Mich.; B.A. (Michigan State University); Industrial and Systems Engineering

Wiaik Min, Seoul, Korea; B.S. (Seoul National University); Electrical Engineering

Mark Robert Moldovan, Youngstown; B.S.M.E.; Mechanical Engineering

Kevin Keith Moorhead, Findlay; B.A. (Warren Wilson College); Agronomy

Brian Terrence Murphy, Detroit, Mich.; B.S. (Michigan State University); Mathematics

Ahmad Muhammad-Ali Mustafa, Nablus, Jordan; B.Sc. (Monoufia University); Electrical Engineering

Subha Narasimhan, India; M.S. (Indian Institute of Technology); Physics

Stephen Wayne Nichols, Granville; B.S.; Entomology

Shirley Jean Noble, Carrollton; B.S.; Allied Medical Professions

Kofi Boadi Nyamaah, Kumasi, Ghana; B.S. (University of Science and Technology); Agricultural Economics and Rural Sociology

Lauren Beth Opremcak, North Olmsted; B.S.; Microbiology

Daniel Warner Parke, Wauseon; B.S.; Food Science and Nutrition

Mary Jo Perley, Westerville; B.S.N. (Texas Christian University); Nursing

Alan William Peterson, Cuyahoga Falls; B.A. (Columbia College); Zoology

Christopher John Pleone, Solon; B.S.I.S.E.; Industrial and Systems Engineering

Susan Claire Punsed-Engeseth, Gahanna; B.S.N. (University of Wisconsin—Madison); Nursing

S. Hanumanth Rao, Bombay, India; B.Tech. (Banaras Hindu University); M.S.; Welding Engineering

Christopher Errin Reid, Columbus; B.S.; Mathematics
Michael Angelo Rocazella, Cleveland; B.S. in Met. E.; Metallurgical Engineering

Ronald Charles Ropoch, Pittsburgh, Pa.; B.S.E.E.; Computer and Information Science

Mark Edward Ross, Youngstown; B.S. (Youngstown State University); Mathematics

Jay Alan Schrier, Cincinnati; A.B. (Washington University); Pharmacy

Carolyn Sue Wilcox Sechnick, Lisle, Ill.; B.A. (Miami University); Zoology

Joong Ho Shin, Seoul, Korea; B.E. (Yonsei University); B.S. (National Taiwan University); Microbiology

Jong-Mei John Jay Alan Schrier, Cincinnati; A.B. (Miami University); B.S.E.E.; Computer and Information Science

Michael Angelo Rocazella, Cleveland; B.S. (Southeastern Massachusetts University); Applied Mathematics

Angela Maria Sierra-Moreno, Medellin, Colombia; Bacteriologist and Clinical Laboratory (Colegia Mayer de Cultura Femenina de Antioquia)

Christine Joseph Brian Thompson, Birmingham, Ala.; B.S. (University of Alabama—Birmingham); Metallurgical Engineering

Abraham Joseph Tobia, Lakewood; B.S.; Pathology

Kevin Lynn Trimpe, Columbus, Ind.; B.A., B.S. (Indiana University); Microbiology

Vicki Ellen Tripodi, Columbus; B.S.N.; Nursing

Sheng-Jy Jerry Tsao, Taichung, Taiwan, R.O.C.; B.S.E. (National Cheng-Kung University); Engineering Mechanics

Amy Lynn Sorensen Vangeloff, Toledo; B.A. (Ohio University); Chemical Engineering

Daniel Thomas Voss, Maineville; B.S. (University of Dayton); Statistics

David George Vutetakis, Canton; B.S.; Chemical Engineering

Loretta Ann Warren, Normal, Ill.; B.S. (Illinois State University); Natural Resources

Renate Ingrid Warren, Ithaca, N.Y.; B.A. (Otterbein College); Chemical Engineering

Clark Jay Weaver, Dayton; B.S.; Atmospheric Sciences

Mary Louise Weaver, Worthington; B.S. (Indiana University of Pennsylvania); Home Economics

Jen Wen, Taipai, Taiwan, R.O.C.; B.S. (Fu Jen Catholic University); Food Science and Nutrition

Paul Allen Wesebaum, Richardson, Tex.; B.S. (Valparaiso University); Mechanical Engineering

Mark Wietecha, Grand Blanc, Mich.; B.S. (Grand Valley State College); Pharmacy

Karl Lawrence Wilker, Maineville, B.S.; Agronomy

Roger Allen Williams, Columbus; B.S.; Natural Resources

Charles Ray Wiseman, Columbus; B.S.Agr.; Agricultural Education

Deborah Denese Womack, Greensboro, N.C.; B.S. (North Carolina Agricultural and Technical State University); Family Economics

Susan Agler Wright, Prospect; B.S.; Entomology

Cheng-Shiang Jesse Wu, Taipai, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); Mathematics

John Alex Wynstra, Westerville; B.S.; Horticulture

Ching-Sheng Yang, Tao-Yuan, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); Civil Engineering

Irene Young, Panama City, Panama; A.B. (Fairfield College); Agricultural Economics and Rural Sociology

Mohsen Zarean, Shahrezia, Iran; B.S. (West Virginia Institute of Technology); Civil Engineering

Robert J. Zellmer, Fairborn; B.S. (Wright State University); Chemistry

Kim William Zeych, Millersburg, Pa.; B.S. (The Pennsylvania State University); Chemistry

Master of Social Work

Michael Lee Brown, Chillicothe; B.S.; Social Work

Stephen Paul Kotvis, Milwaukee, Wis.; B.A. (Park College); Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:

Patrick R. Dugan

Vice Provost for the Arts and Sciences:

Thomas A. Wilke

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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

Bachelor of Arts

Kathleen Ann Angerer, Columbus

Bennett Alan Cohen, Columbus

Susan Judith Evenchik, Canton

Margaret Ellen Hawkins, Akron

Janet Ann Hietter, Columbus

Janet Lee Hines, Prospect; B.S.; Horticulture

Carolyn Langel, Columbus

Judith Evenchik, Canton

Daniel Lee McKitrick, Wheeling, W. Va.

Martin Andrew Pardo, Defiance

Kirk Michael Patton, Worthington

Brian Lee Sands, Richwood

Sue Ellen Stapleton, Washington C.H.

Susan Elizabeth Tippett, Columbus

Joel Keenan Wendt, Worthington

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Bachelor of Fine Arts

Jane Ann Bobel, Mansfield
Douglas William Carnes, Columbus
Elaine Comer, Columbus
Robert Hilton Cree, Columbus
Susanne dela Peña, Columbus
David-Noël DeRoberts, Brecksville
Ngoc Nhat Goble-Nwikins, Port Harcourt, Nigeria

Dean: Palmer Goss, Columbus
Dana Shelly Greenberg, Columbus
James Melvin Harry, Columbus
Jennifer A. Hein, Columbus
Rebekah Voll Kenney, Bucyrus
Kristen Marie McCarthy, Westerville
Michael Vincent Messier, Columbus
Gregory L. Nesbitt, Columbus
Scott Jeffrey Ney, Bexley
Karen L. Romas, Columbus
Dawn Christine Sestlar, Lancaster
Mary Lynn Shepherd, Columbus

Bachelor of Music

Glenn Allen Beachy, Columbus
Marjorie Bennett Bray, Columbus
Leban Darrel Miller, Irvine
David Alan Wiley, Harrisburg, Pa.

Bachelor of Art Education

Kitty Jane Blackford, Dublin
Gwendolyn D. Dickerson, Coshocton
Denise Schmenk Fugt, Elda
Mary Ann May, Worthington
Victoria Ann Pannella, Worthington
Mary Elizabeth Paschal, Middletown
Constance Tracy, Worthington
Jeffrey Gerard Turner, Columbus

Bachelor of Music Education

Cynthia Ann Frase, Lithopolis
Susan Marlene Kinley, Worthington
John Victor LeMarchand, Wellington
Jane Louise Mazyck, Columbus
Melinda Lu Murphy, Columbus
Robert Allen Nixon, Lebanon
Stephen Joseph Polizzi, Retsof, N. Y.
Gary Lynn Richards, Upper Sandusky
Catherine Ann Rings, Columbus
Daniel Lee Sullivan, Blacklick

1 Offered jointly by the College of the Arts and the College of Education

Bachelor of Science in Audio Recording

Lynn Allen Barton, Alliance
Daniel Alan Lehman, Reynoldsburg
Marvin Eugene Parsons, Cutler

Bachelor of Science in Industrial Design

Jane Ann Bobel, Lorain
Daniel Edward Brady, Lorain
Denis Charles Couch, Columbus

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Science

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Shawn C. Berry, North Canton
Patrick Arndt Biles, Piqua
Satpal Singh Bir, Columbus
Steven B. Cohen, South Euclid
Debra Grace Fox, Huber Heights
Jeffrey Stephen Gilliette, Rochester, N. Y.
John Charles Herd, Fairborn
Joyce Ellen Hinkle, Akron
Brett Wilson Imbody, Marion
Kevin Dean Johnson, Gahanna
David Dale Kendler, Canton
Elizabeth Ann Law, Powell
Deborah Lopuchovskaya, Hubbard
John Martin Mastro, Youngstown
Sheryl Ann Mayer, Palmeville
Joseph Anthony Novak, Rocky River
Joseph Patrick O’Connor, Auburn, N. Y.
Steve Allen Padilla, Columbus
Mary Lou Cervenak Ringle, Lakewood
Marcia Jean Shands, Spartanburg, S. C.
Jennifer Sue Steinbauer, New Boston
William Stephen Toth, Jr., Madeira

College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

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Mark S. Glaze, Pickerington
Scott B. Sanettee, Chagrin Falls
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College of Humanities

Dean: Diether H. Haenicke

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Katherine Elizabeth Body, Hilliard
Pamela Jane Brandt, Cleveland
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Dagmar Carstensen, Columbus
Luciano Conte, Brookpark
Jeffrey Sean Corzine, Chillicothe
Deborah Brown Dearth, Pataskala
Alesia Rita Dieme Dickson, Columbus
East Cleveland
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Patricia Bibko Forward, Columbus
Teresa A. Hartley, New York, N. Y.
Laurence James Haynie, Alvin, Tex.
Bruce A. Holler, St. Clairsville
Joel Andrew Kane, Bay Village
Beverly Byers Kelly, Columbus
Keith Stuart Knopf, Columbus
Diane Marie Larkin, Columbus
Nancy Jane Maradie, Worthington
Rebecca Motli McCormish, Burton
James Alan McNeal, Gallion
Jeffrey Jon Mercer, Columbus
Michael Douglas Mitchell, Erawon
Carol Jeanne Mitten, South Euclid
Thomas Aquinas Pajor, Lima
Elizabeth Jane Phillips, Kenton

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James M. Schaub, Mansfield
David Alan Scott, Columbus
David William Simpson, Kenilworth, Ill.
Joseph Newton Smith, Urbana
James Wendell Stallworth, Cleveland
Lori Ann Stan, Columbus
Bruce Bryant Walters, Columbus
Gregory J. Winter, Columbus
C. Philip Wright, Marion

Steven Lewis Barth, Coshocton
Karen Ann Cairo, Morristown, N. J.
Connie Jane Campbell, Columbus
Cynthia L. Carpenter, Somerset
Barbara Jean Cox, Elyria
Bashir M. Esmail, Maustrata, Libya
Samuel P. Figull, Cleveland
Robert Joseph Good, Piqua
Thomas Fred Haviland, Marion
Akira Kan, Yamagata, Japan
Jeffrey Stuart Kargel, North East, Md.
Philip Keiser, Basel, Switzerland
John Barrie Kelly, Clifton, N. J.
Cynthia Hauck Lausau, Upper Arlington
Bruce Gordon Ligo, Chadd’s Ford, Pa.
Donald E. Ludlow, Springfield
Craig Andrew McDowell, Chillicothe
Earl E. Moyer, Greenville, Pa.
Wayne Anthony Savona, Malvern
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Joyce Ellen Hinkle, Akron
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College of Mathematical and Physical Sciences

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Bachelor of Arts

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Elizabeth Jane Phillips, Kenton

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Connie Jane Campbell, Columbus
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Barbara Jean Cox, Elyria
Bashir M. Esmail, Maustrata, Libya
Samuel P. Figull, Cleveland
Robert Joseph Good, Piqua
Thomas Fred Haviland, Marion
Akira Kan, Yamagata, Japan
Jeffrey Stuart Kargel, North East, Md.
Philip Keiser, Basel, Switzerland
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Lisa Robin Rea, Bexley
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Laurie Ann Russell, Wintersville
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Alan J. Schulman, Cincinnati
Charles Schumacher, Columbus
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Raymond Joseph Siegrist, Columbus
Howard R. Shrimenti, Parma
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Jon Albert Slater, Jr., Lancaster
Lydia C. Smith, Steubenville
Terri Lee Southern, Columbus
Elaine Yvonne Spatt, Columbus
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Kevin Malone Starr, Vienna, Va.
Mark Alan Szaradzky, South Euclid
Alvin Chris Taylor, Newport News, Va.
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Lawrence Marc Weinman, Beachwood
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David Quinten Wigginton, Wintersville
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Rita M. Killigrew, Cuyahoga Heights
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Jodie Barnes, Amanda
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Amy E. Chivington, Columbus
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Gary Richard Glowacki, Greene
Kim James Herouvi, Rocky River
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Alicia Kathryn Ecker, Columbus
Douglas Scott Evans, Marion
Jacqueline Ann Farthing, Canfield
Gary Richard Presley, Lima
Michelle Jean Rice, Worthington
Ronald Curtis Roenigk, Strongsville
Judy Kay Ruthsatz, Sandusky
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Nina Abbe Shapiro, Columbus
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Kimberly Marie Shirk, Columbus
Michael James Sopko, Cleveland
Thomas Bradley Szafrut, Greenville
Donald Edward Tudor, Galion
Patricia Marie Walsh, Cincinnati
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College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

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Sayed Mohamed Al-Shidhani, Muscat, Oman
Judith Lynn Baker, Vandalia
Scott Lawrence Baker, Cleveland
David Harold Ball, Columbus
Mark Jay Ballenger, Marion
Kenneth Scott Balogh, Toledo
Kurt Douglas Baker, Delaware
Kevin Gerard Barry, Columbus
Jane Michele Bauer, Upper Sandusky
Sue Lynn Bauer, Cincinnati
Daniel Abner Baum, Jr., Westerville
Ann Margaret Beaudoin, Wilmington, Del.
James Edward Beck, Coshocton
James Christopher Bell, Columbus
Judith Lynn Baker, Vandalia
Jacalyn Kay Boger, Caledonia
James Robert Bonfante, Columbus
Jacqulyn Kay Boger, Caledonia
Joel Charles Cooper, Columbus
Joel Scott Buck, Columbus
Michael John Doseck, Wapakoneta
Robert Brenton Dickerson, Fairlawn
Michael William Dickerson, Mentor
Karen Ann Davison, Columbus
Michael William Dickerson, Mentor
Mark Alexander Elam, Cincinnati
Mohamed El-Mekki, Youngstown
M. El-Mekki, Youngstown
R. Elaine Ellis, Columbus
Grace Florence Ellis, Columbus
E. Dean Ellis, Columbus
E. Dean Ellis, Columbus
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James Richard Eichhorn, Columbus
Kathy Crawford Blackstone, Columbus
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Kevin Kinsey Calvert, Columbus
Michael Anthony Capozziello, Columbus
Robert Paul Carlisle, Millersport
Karen Ann Davison, Columbus
Karen Ann Davison, Columbus
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Barbara Helene Carlson, Columbus
Lois Marie Chandler, Galahanna
Robert Richard Christman, Newark
Cleveland Heights
Christopher B. Christo, Elyria
Galen Bernard Cise, Jr., St. Marys
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Timothy K. Clement, Bellefontaine
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Rex Bacey Cole, Sandusky
Mary Elizabeth Conley, Ironton
Richard Joseph Contini, Lima
Mark James Conway, South Euclid
David Alan Cook, East Liverpool
Joel Charles Cooper, Columbus
Scott Kendall Cooper, Tulsa, Okla.
Stephen Lowell Covert, Tiffin
Brian D. Crum, Caldwell
Michael John Cummins, Columbus
Joseph Christopher Currell, Cincinnati
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Michael Joe Franzier, Bainbridge
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Jeffrey Gwendard, Edison
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Elyse Kay Gaskin, Westerville
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James Gawronski, Columbus
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Gary Martin Gilbert, Columbus
Paul Gregory Gilman, Cincinnati
Michael Patrick Giesch, Columbus
Anthony Edwin Goldberg-Ruagale, Columbus
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Ronald Eugene Hopkins, Hebron
Mark Charles Horrigan, Akron
Candace L. Horvath, Maple Heights
Teresa Ann Hoying, New Bremen
David Noel Hunsinger, Columbus
Brooke Ann Hunsinger, Columbus
Kevin R. Iguchi, Columbus
S. Potter, Columbus
Randolph Jeffery Reese, Moreland Hills
Kathleen Ann Reynolds, Reynoldsburg
Kevin Kelly McGinn, Centerville
Mark K. Miller, North Canton
Sheryl Ann Miller, Marion
Michael Allen Mindesdo, Highland Heights
Aileen E. Mitchell, Worthington
Robert C. Mixer, Grove City
Joseph Clement Monda, Ashtabula
Paul Warren Moore, Columbus
Lissa Lynn Morehead, Middletown
Jeanne Frances Murphy, Gates Mills
Beth Michelle Murray, Westlake
Steve Andrew Nagle, Dayton
Merritt Marshall Nance, Marion
Donald Kyle Nickell, Venice, Fla.
Andre Marie O'Keefe, Columbus
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Saverio Nicholas Paglioro, Columbus
Jeffrey Allen Orner, Dayton
Gary Neal Perfect, Fredericksburg, Va.
D. Kevin Pfiffer, Hamilton
Jorge Luis Patricia, Columbus
Scott John Pok, Worthington
William Carlyle Pope, Cleveland
Linda S. Potter, Columbus
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Kurt Douglas Reiche, Dayton
William Scott Ridgeway, Dayton
Jeanette Cecile Rigot, Dayton
Richard Joseph King, Columbus
Rodney Alan King, Chillcotte
Paula G. Kitanmiller, Columbus
Michael K. Klose, Findlay
Thomas Theodore Koehler, Mansfield
Kim Marleen Koszmann, Columbus
Steven Arthur Kraft, Galion
James William Krieger, Oak Harbor
Richard Thomas Kurth, Columbus
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Patricia Anne Lee, Fayettville, N. C.
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Jean Marie Lester, Steubenville
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Paul Martin Lockman, Washington C. H. Frederick Manuel Lojo, Upper Arlington
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Scott Timothy Mackay, South Euclid
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College of Agriculture and Home Economics

Dean: Roy M. Kottman

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Roger Allen Barlow, Liberty Center
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Kristine Louise Bauer, Marion
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Mark Allen Braun, Bucyrus
Susan Caroline Brown, Sylvania
Teresa Karen Bullard, Hillsboro
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Joel Eric Ehrlich, Jamestown
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Thomas Arthur Overstrom, Endicott, N. Y.
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Dorothy Schmuck, Columbus
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Vickie Jean Shultz, Bowerston
Vicki Ellen Zimmermann, Morrow
Steven Wayne Snead, Casstown
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Everett William Snyder, Hillsboro
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Randy Dale Spargrove, Frayser, Tenn.
Drake Stinson, Franklin, Ohio
Rebecca Ruth Strayer, Elida
Douglas Alan Stitzlein, Loudonville
Rodney Stewart Swonger, DeGraff
Kem Rardin Thomas, Gallipolis
Steven Titto, III, Columbus
Patricia Stiles Titus, Wapakoneta
John Fredrick Traxler, Avon

Bachelor of Science in Food Science

Sally Stuart Drake, Columbus

Bachelor of Science in Food Technology

Nancy Jane Hugus, Rushville
S. James Natale, Delaware

Bachelor of Science in Nutrition

Edward Dwain Bonnette, Marietta

School of Home Economics

Bachelor of Science in Home Economics

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Stacie Bernard, Sabina
Lori Lynn Borowski, Eastlake
Channing Carol Brewer, Grove City
Alex Charlene Bronn, Fairborn
Don E. Bucher, Centerville
Susan Anne Burs, Middletown
Holly Rae Casagranda, Columbus
Debra Ann Centrack, Highland Heights
Peggy Jo Cochran, Whitehouse
Colleen Marie Dixon, Delaware
Mary Lisa Edwards, Columbus
Margaret F. Einfeld, Pittsburgh, Pa.
Barbara Gay Gilbertson, Upper Sandusky
Terri Lynn Gittles, Euclid
Theresa Catherine Halloran, Cincinnati
Jenni Delaware Harleman, Columbus
Paulette Kieffenstein Huber, Crestline
Lee Ann Keller, Jackson
Elyse Krestman, Louisville, Ky.
Julie Ellen Light, Cleveland Heights
Josephine A. Malia, Jackson, N. J.
Porta Jo Martin, Laurelville
Janice Ruth McMann, Swoy
Kathy Jo McNutt, Hilliard
David Amil Mentges, Columbus
Linda Kaye Millard, Parma Heights
Judith A. Morgan, Reynoldsburg
Diane Marie Naber, Columbus
Melanie Sue Nee, Newark
Karen Lynn O'Connor, Canton
Rebekah Sue Packard, Geneva
Marianne Palombo, Rocky River
Viola Moo Young Park, Decatur, Ga.
Patricia C. Polaster, Columbus
Monica Gabrielle Powell, Columbus
Julie Lynn Reeves, Kinsman
Cheryl Ann Robinson, Gallipolis
Agricultural Technical Institute—Wooster

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Lee Richard Ashmus, Broadview Heights
Kent Alan Belau, Defiance
Leslie Carl Gibson, Wooster
Denise Sue Hornak, Wooster
Laura Jane Israel, Westerville
Francisco Samuel Mannix, New Braunfels, Tex.
Linda Lee Manwaring, Massillon
Andrew Dean Noble, Westerville
Scott Fenwick Ridgway, Louisville
Dea Anne Roberts, Lodi
Thomas John Robinson, Bay Village
Gayle Ann Sathre, Cleveland
Deborah Marie Strassheim, Eaton
Thomas Myron Willer, Fremont
Jack Raymond Zimmerman, Fremont

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

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Cathleen Marie Au, Mansfield
Judi Lynn Axzibard, Beachwood
Richard Ray Bagley, Van Wert
Janell Joy Baker, M. I. Vernon
Julia Mary Baker, Tiffin
Lisa Michele Barnett, Columbus
Nancy Lynn Barr, Columbus
Joan Marie Bargschow, Bay Village
Amy Cathleen Bauer, Canal Winchester
Stephen C. Benedict, Pataskala
Dawn Hardy Berry, Columbus
Linda Marie McMillen Bevan, Columbus
Deborah Elizabeth Billy, Columbus
Victoria J. Bird, Mansfield
Beverly Sue Bond, Youngstown
Shelley L. Borkoski, Columbus
Susan McCarthy Bowden, Cincinnati
Rick Keller Brady, Columbus
Lisa Carol Brenneman, Orrville
Pamela Jean Brewer, Bucyrus
Rickey Alan Burgess, Willsoughby
Maureen Ann Burke, Columbus
Lisa Ann Carmean, Kenton
B.A. (Miami University)
Sara Anne Carruthers, Fairfield, Conn.
Terry Lee Cassidy, Cincinnati
Karen O. Cole, Ashland
Elizabeth Ann Conlon, Worthington
John Charles Cox, Kikersville
Ruth Ann Cline Datz, Ashville
Craig Winston Deep, Worthington
Cynthia Lynn Dengler, Mogadore
Susan Marie Dennler, Kettering
Darlene Marie White DePouw, Canal Winchester
Rhonda Kaye Dickerson, Centerville
Debra Ann Dierkheide, Fremont
Philip Joseph DiSabato, Columbus
Cheryl Stickley Dixon, Lima
Nancy Beach Dowell, Marion
Kathy Lynn Downey, Columbus
Patya Kay Doyle, Pataskala
Lucille Margaret Dragovich, South Bend, Ind.
Brian Joseph Dunleavy, Columbus
Peggy Suzanne Dunple, Rockbridge
Janet Lee Ellis, Shelby
Jennifer Lee Faulkner, Urbana
Karrey Lyn Fellows, Westerville
Janice Elaine Geist, Willsoughby
Loretta Gale Fraizer, Centerburg
Gerald L. Gasper, Glen Falls, N. Y.
Barbara Annette Geist, Westerville
Nancy Susan George, Marysville
Robert Arthur Gillioni, Newark
Richard Stephen Glenmeyer, Delaware
Victoria Elizabeth Gorsuch, Madison
Mildred Taivitte Green, Delaware
Thomas Russell Griffin, Mentor
Edward Louis Gytevai, Jr., Delphos
Josette Elaine Hahn, Bucyrus
Patricia Ann Hamsher, Mt. Gilead
Diane Lynne Hawkins, Middletown
Joyce Ann Heales, Upper Sandusky
Lori Ann Heiser, Bexley
Holly Jo Henley, Dayton
Stephen William Herbert, Delaware
Robin Lynn Hocter, South Vienna
Lena Elizabeth Holt, Mansfield
Pamela Suzanne Hoover, Chillicothe
LouAnn Rotherkiss, Columbus
Melody Rose Houk, Mt. Gilead
Jodi Kay Howland, Canton
Lori Lee Howlett, Columbus
Lawrence Edward Reams, Easley, S. C.
Barbara Jean Rarey, Columbus
Robert Lawrence Rate, Columbus
Janice Lynn Marshall, Lima
Mary Walker Louis, Galion
Jodi Kay Howland, Canton
Kim Lee Pedersen, E. Worthington
Patricia Ellen Johns, Bellefontaine
Barbara Jean Johnson, Zanesville
Allison Michelle Jones, Lima
Larry Lee Jones, Reynoldsburg
Stacy Beth Kaplan, Cleveland Heights
Cathy Agnes Ken, Columbus
Margaret Jean Kenney, Burton
Sheila Fox Kline, Mansfield
Jill Ann Kloz, Port Clinton
Alice Grace Kroll, Mansfield
Eunice Fay Legan Kunz, Columbus
Gary Alfred LaBranche, Lorain
Paul Edward LaRue, Grove City
Elizabeth Ann Irvine, Shenecottady, N. Y.
Annette Kay Jackson, Columbus
Michael James Mendell, Columbus
Beth Ann McKee, Westfield Center
Arthur Charles Lunt, Columbus
Kari Ann MacDonald, Huntsville
Janie Lynn Marshall, Lima
Carol Ann Martini, Lima
Bradley Richard Mawhort, Shelby
Margaret Marian Maxwell, Smithfield
Charles Michael McGee, Columbus
Beth Ann McKee, Westfield Center
Michael James Mendell, Columbus
Krista Kay Keller Mercouri, Columbus
Patricia Ann Miller, Marion
Betty Gene Mohler, Napoleon
Tina Jean Myhra, Niles
Tracy Ashley Mollica, Worthington
Michele Johnson Mowrey, Columbus
Beth Marie Mumes, Willard
Sharon Lynn O'Brien, Dayton
Kathleen Ann Olivieri, Mansfield
Charles William Owens, Columbus
Sharon Owens, Columbus
Judith Bakies Parent, Lima
Leslie Sue Pfeiffer, Akron
Leah Ann Polis, Worthington
Brenda Christine Priest, Frazeyburg
Robert P. Pritchard, Westerville
Kim Michelle Ransome, Richwood
Barbara Jean Rarey, Columbus
Lawrence Edward Reams, Easley, S. C.
Deborah Renee Reed, Shadyside
Susan Jane Reed, Columbus
David Alexander Reichert, Amherst
Rebecca J., Columbus
Lisa Kay Roebuck, Lima
Deborah Smigels Rudy, Columbus
Mark George Ruple, Ashland
Paul N. Ryder, Columbus
Lorri Ellen Samberg, Cleveland Heights
Marie Gabrielle Seybert, Cleveland Heights
Lori Lee Shaffer, Avon Lake
Tova Shapiro, Fort Worth, Tex.
Carol Lynn Sheneman, Fresno
Alexandra Shepard, Bay Village
Heidi Evans Shipe, Worthington
Connie Sue Shockenifer, North Canton
Ellen Anita Sickman, Columbus
Penelope Eileen Simmers, Newark
Kristine Marie Simon, New Holland
Tracy Skistimas, Sylvania
Patricia Ann Skrobot, Reynoldsburg
Susan L. Smith, Orlando, Fla.
Lori Ann Stan, Columbus
Phillip Kevin Stevens, Cortland
Marvin Ray Steyer, Delphos
Diane Jeannes Stoker, Columbus
Brenda Ruth Stover, Celina
Jean B. Stueckert, Bucyrus
Bridget A. Sutton, Galion
Lynn Tarasewicz, Dallas, Tex.
Nancy Jane Vandenburg, North Canton
Pamela Andrews Walluke, Rocky River
Judith Rausch Warner, Findlay
Michael George Watkins, Lima
Sylvia Darlene Wolker, Columbus
Teresa Lynne Wharram, Austintown
Cathy Massie White, Washington C. H.
Valerie Evelyn White, Bucyrus
Carol Stephenson Wiggins, Bellville
Deborah Jeanne Wilson, Columbus
David Allan Wollenhaupt, Delphos
Robert Alan Wood, Bellville
Gary Edward Yunker, Columbus
Richard Charles Zath, North Olmsted
Hata Zimerman, Columbus
Bachelor of Arts Education
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. Glowen

Bachelor of Science in
Agricultural Engineering
Michael Anthony Brusky, Avon Lake
Gene Joseph Cardi, Fairfield Park
Frank Urban Yuhaz, Lorain

Bachelor of Science in
Ceramic Engineering
Eugene Joseph Onesto, Columbus
John Martin Price, Hill, N. J.
James Martin Woford, East Sparta

Bachelor of Science in
Chemical Engineering
Richard Alan Eichhorn, Columbus
Alan Joseph Fletcher, Columbus
Laung Thien Tran, Louisville, Ky.
James Rick Vangeloff, Youngstown

Civil Engineer
Barry A. Cik, Cleveland Heights
Farid Sadeghipour, Columbus

Bachelor of Science in
Civil Engineering
Aymen Yousef Al-Barqawi, Jordan
Mohammed Ahmed Binnahfooos, Saudi Arabia
Rhoda Fum Lan Chu, Columbus
Michael James Clancy, Upper Arlington
Randall James Crowell, Wooster
David William Farrell, Geneva
Kathryn Adel Hamilton, Columbus
Tony A. Hanna, Lebanon
Leonard L. Inn, Westlake
Thomas James Manahan, Jr., Toledo
Mohd Nilforoushan, Isfahan, Iran
Gary Michael Nuss, Columbus
Cheng Hsueh Ooi, Malaysia
Kevin E. Putman, Payne
Michael Walter Reihert, New Knoxville
Keith David Roberts, Ottawa
Found Safeddine, Lebanon
Jawad Siddiqui, Pakistan
Edward Scott Sondles, Reynoldsburg
David Dougiant Sturrett, Harrison
Philip Charles Sutton, Convoy

Bachelor of Science in
Computer and Information Science
Thomas Stanton Carpenter, Columbus
Kevin Bryan Copeland, Worthington
Thomas Wayne Holbrook, Columbus
Kevin I. Kanning, Columbus
Ronald Pettersen Montgomery, Worthington
Eric W. Osman, Columbus
Michael Philip Stovskiy, Columbus

Electrical Engineer
Akbar Hariri-Marand, Columbus
Arthur Lee Haywood, Dayton

Bachelor of Science in
Electrical Engineering
John Eugene Baranski, Cedar Knolls, N. J.
Thomas Nelson Bishop, Zanesville
Michael Bohus, Laning
Keith Robert Broerman, Cincinnati
Michael Keith Burns, Findlay
Anthony Everett Ce, Columbus
Amy Lynn Cowan, Urbana
Gary Michael Crawford, Vandalia
Thomas Michael Damanti, Sandusky
Felicia Paye Ferrighetto, Avon
Douglas Richard Harnen, Columbus
Jamal Jamali, Columbus
David A. Leonardt, Worthington
Joe Neal Mellencamp, Seymour, Ind.
John Andrew Milford, Dallas, Tex.
Gregory Murden, St. Louis
David James Needham, West Chester
Keith Richard Phillips, Springfield
Todd Michael Quinn, Elyria
Raymond Craig Ramsey, Columbus
David Scott Roberts, Peoria
Rajinder Paul Singh, Reynoldsburg
Mary Louise Schopper, Columbus
Barry Lee Skaggs, Grove City
Gregory L. Stine, Englewood
Paul Franklin Sweetnam, Columbus
David Richard Swinchart, Tallmadge
Margaret Christine Tauscher, Columbus
William Edward Thomas, II, Akron
Thanh Tien Vu, Columbus
Kenneth Jay Ward, Dayton
William James Williams, Plain City
Chiew Wai Wong, Singapore

Bachelor of Science in Engineering Physics
Jeffrey Lee Havens, Fremont
Michael Joseph Toll, Delaware

Industrial Engineer
Paul Leslie Beck, Perrysville
Miné Nimet Boskir, Orrville

Bachelor of Science in Industrial and Systems Engineering
Thomas Robert Anderson, Euclid
William Carroll Burket, Columbus
Donald Jay Campbell, Dayton
Stephen Anthony Cotter, Highland Beach, Fla.
Jeffrey Randall Denbow, Worthington
Cynthia Louise Hoop, Pittsburgh, Pa.
Jeffrey Alan Joschim, Reynoldsburg
Stephen Eugene Kaufmann, Reynoldsburg
Richard Mark Lauer, Columbus
Alan Robert Lipp, East Paterson
Jacob Thomas Martin, Tiffin
Niki J. Fissinou, Kozhina, Cyprus
Jeanne Lynn Porter, East Liverpool
Kevin R. Rudduck, Columbus
John Seecesty, Fortostia
Randolph George Strang, Cincinnati
Kevin Scott Zellers, Pataskala

Bachelor of Science in Mechanical Engineering
Edward Michael Boardway, Granville
Donald Eugene Bowdle, Chillicothe
Larry Thomas Brehm, Aurora
Larry Walter Brim, Kenton
David C. Dick, Whitehouse
Markus T. Farrenkopf, Columbus
David Paul Foster, North Canton
Charles Eugene Frost, Lima
Gary Lee Gerdeman, Columbus Grove

Ph.D. in Mechanical Engineering
Erik Leslie Hanson, Columbus

Bachelor of Science in Metallurgical Engineering
Phillip James Gordon, Naples, Fla.
Ronald D. Hout, Columbus
John David Klopfen, Reynoldsburg
Robert Nell Kody, Columbus
Steven Douglas McMahon, Dresden
Gregg Richard Mewhinney, North Canton
Dorothy Keith Napier, Shilo
Long Trung Nguyen, Columbus
Jennifer Lynn Odor, Columbus
Dianne Marlene Parker, Kingsville
Mark Alan Rinkel, Memphis, Tenn.
Leon Charles Saul, Wauseon
Joseph Donald Scantong, Columbus
Paul David Smith, Columbus
Kurt Thomas Theiler, Toledo
Dennis Lee Tollett, Shadyside
Timothy Elmer Vorst, Columbus Grove
Bobby Lawrence Webb, Dayton

Bachelor of Science in Mining Engineering
Mark Alan Dobson, Gallipolis

Bachelor of Science in Surveying Engineering
Richard Norman Boisseau, Columbus
David Denton Martin, Jr., Morristown, Tenn.

Bachelor of Science in Welding Engineering
Larry Don Henke, Columbus
James Brian Jackson, Columbus

School of Architecture
Bachelor of Science in Architecture
Gregory John Burke, Columbus
Kevin Garrett Lee, Bay Village
Robert Lawrence Manca, Columbus

Bachelor of Science in Landscape Architecture
Erik Leslie Hanson, Columbus

College of Law
Dean: James E. Meeks

Juris Doctor
Nancy J. Alecusan, Canton
B.A.
Carolyn N. Bell
B.A.
Thomas M. Crews, Bay Village
B.A. (Capital University)
Dennis G. Day, New Boston
B.A.
Cassandra Hicks, Walterboro, S. C.
A.B. (Johnson C. Smith University)
Timothy E. Jones, Albany, N. Y.
B.A. (University of Virginia)
Barbara J. Beacham, Tuscaloosa, Ala.
B.A. (Stetson College)
Stephanie Lin Menner, Ashville
B.A. (Cedarville College)
Marilyn Leigh McConnell, Chagrin Falls
B.A. (Miami University)
Nina Marie Najjar, Westlake
B.A. (John Carroll University)
Israel Perez, Jr., Miami, Fla.
B.A. (Florida International University)
Deborah Ann Tabacco, Warren
B.A.

College of Medicine
Dean: Manuel Tzagournis, M.D.

Doctor of Medicine
Genie Marie Adams, Youngstown
B.S. (Youngstown State University)
Patricia Genzel Bucher, Massillon
B.S.
David Kinnaird Johnson, Cincinnati
B.A. (Miami University)
Douglas Alan Kuperman, Xenia
B.A. (University of North Carolina)
Paul Christopher Levy, Worthington
B.S.
Deborah Lyn Mencer, Clinton
B.S.
Charles Paul Prezza, Wellsville
B.A. (Amherst College)

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John Robert Shaptrine, Toledo
B.A. (University of New Hampshire); M.S. (George Washington University)

Ellis L. Toumba, Columbus
B.S. (Chicago State University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Nancy Marie Asimus, Cincinnati
Eleanor Jane Baer, Columbus
Yvonne Kampmeyer Berecz, Marietta
Leslie Ann Bryant, Bridgewater, N. J.
Lynnette Jayne Burns, Hillisboro
Barbara Joyce Bush, Dayton
Cathleen Denise Campbell, Columbus
Paula Anne Clark, Upper Arlington
Cynthia Lee Culler, Mansfield
Valle Denise Delano, Mansfield
Malinda Jane Feltz, Columbus
Reba Jo Ferguson, Cincinnati
Cheryl Lee Fitch, Lisbon
Beth busy Fluh, Greenlawn
Lori Beth Folks, Kettering
Elizabeth Joan Friers, Cincinnati
Kathleen Denise Felts, Mansfield
Tracey Marie Curry, Lima
Judith Lynn Curtis, Solon
Barbara Jan DeLong, Mansfield
Deborah Sue Ellis, Tiffin
Malinda Joan Feltner, Columbus
Reba Jo Ferguson, Cincinnati
Cheryl Lee Fitch, Lisbon
Beth Diny Phuar, Greenlawn
Eliza Joy Greene, Akron
Lea Marie Griffin, Coral Springs, Fla.
Sharon Ann Gross, Buffalo, N. Y.
Sharon Elaine Gross, Ravenna
Mary Patricia Guthrie, Lima
Julie Ann Hagen, Cincinnati
Susan Lynn Hall, Maple Heights
Lisa Anne Harper, North Canton
Bonnie Mae Higgins, South Euclid
Ann Horne Isaac, Columbus
B.A. (Wake Forest University, Winston-Salem, N. C.)

Constance LaVerne Johnson, Alliance
Jane Andrea Johnson, Rolling Meadows, Ill.
Molly Beth Jones, Powell
Adelle Louise Kelin, Canton
Suzanne Jude Kindig, Upper Arlington
Kathleen Ann Kirchner, Youngstown
Tracy Ann McCullough Kokko, Galion
Langley Marie LaMarr, Columbus
Cecilia Diane Lehman, Xenia
Reba Joan Maag, Kalida
Mary Sara Masur, Cincinnati
Theresa Ann McCauffrey, Lakewood
MaryBeth C. Merryman, Warren
Catherine Maraden Metzger, Rochester, N. Y.
Barbara Teresa Meyers, Grafton
Debra Ann Munn, Maple Heights
Michael William Pappas, St. Clairsville
Carolyne Sue Rehm, Orrville
Sylvia Kay Res, Ada
Ann Michelle Rosenfeld, Seafor, N. Y.
Elizabeth Marshall Rummel, Columbus
Judy Libor Scheidbach, Toledo
Loretta Frances Schoop, Columbus
Anne Marie Schreier, Johnstown
Eunice Marie Seemann, Whitehouse
Pamela Marie Sereny, Columbus
B.A. Ed., B.F.A.

Kristina Marie Shaw, Upper Sandusky
Margaret Alice Sidwell, Columbus

College of Pharmacy
Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

David Lawrence Basinger, Cincinnati
David Richard Berger, Hannibal
Kimberly Louise Linn, Lima
Marsha Lynn Shear, South Euclid
Brynnie Ann Stocke, Gadenbutten

Susan Marie Sombati, Akron
Judy Ann Sommers, College
Deborah Ellen Spencer, Hendersonville, Tenn.
Jacqueline Kay Swager, Massillon
Camille Tareshawty, Youngstown
Donna Jean Tomar, Maple Heights
Kimberly Ann Vasko, Akron
Beverly Jean Voss, Findlay
Vivian Renata Waldon, Atlanta, Ga.
Cheryl Ann Withrow, Middletown
Kimberly Anne Wood, Loveland

Certificate of Post Baccalaureate Medical Technologist

Dori Paul Levy, Dallas, Tex.
B.A. Music (University of Texas)

School of Nursing

Bachelor of Science in Nursing

Kathryn Louise Alben, Canton
Barbara Jean Anderson, Van Wert
Beth Barbir Dougherty, Johnstown
Linda Sue Kovac, Rocky River
Pamela Ann Kuehner, Columbus
Marilyn Ninaus McAmor, Columbus
Mary Joy Marquard, Rocky River
J. Kim Martin, Mansfield
Rosemary Kiesel Mills, Tiffin
Edward Francis Mittel, Youngstown
David Alan Naranse, Marion
Lorrie Jean Oldham, Cleveland
Lisa Diann Ours, East Liverpool
Valencia Camille Pror, Cleveland
Pamela Sue Purcell, Highland.
Marsha Lynn Shear, South Euclid
Brynnie Ann Stocke, Gadenbutten

College of Social Work
Dean: Robert O. Washington

Bachelor of Science in Social Welfare

James Francis Caruso,
Wappinger's Falls, N. Y.
Karen Frances Ostrowski, Boardman
Colleen Ann Gannon, Medina

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 College of the Arts and Sciences).
Summa Cum Laude designates those graduating in the top 3% of the class (top 1% in the College of the Arts and Sciences).

With Distinction in Occupational Therapy
Eunice Marie Seemann

With Distinction in Parks and Recreation Administration
Debra Lynn Gierit

With Honors in Liberal Arts
Katherine Elizabeth Body
Sandra Huggler
Rebecca Motil McCormish
Robin Rebecca Rader

Cum Laude

Phillip T. Anglim
Kimberly Jo Barnhart
Nancy Lynn Barr
Ann Margaret Beaudoin
Linda Marie McMillan Bevan
Patricia Gensel Bucher
Karen Ann Cairo
Robert Paul Carlisle
Barbara Helene Carlson
Cynthia L. Carpenter
Kimberly Sue Cline
John Michael Doyle
Dixie Anne Depew
Darlene Marie White DePouw
Mary Lisa Edwards
Mark Alexander Elm
Janet Lee Ellis
Reba Jo Ferguson
Carl Edward Franklin
Dana Richard Gibbs
Kathryn Adel Hamilton
Patricia Ellen Johns
Allison Michelle Jones
James Philip Jones, Jr.
Molly Beth Jones
Mary Ann Keffer
Beverly Byers Kelly
Pat Richard King
Rodney Alan King
Susan Marlene Kinsley
Sheila Fox Kline
Janice R. Lanier
David Marshall LaRue
Elizabeth Ann Law
Thomas S. Leggett
Donald Bauer Lewis
Mary Walker Louis
Sally Wood McCauley
Kevin Kelly McGuinn
Alane Sue Megna
Patricia Ann Miller
Valerie G. Miller
Edward Francis Mittel
Rebekah Sue Packard
Judith Bakies Parent
Jeff Allen Powell
Monica Gabriel Powell
John Clayton Powell
David A. Sands
Loretta Fratino Schoepnner
Larry Schofield
Kristina Marie Shaw
Alice Sidwell
Kristine Marie Simon
Brad Steven Staats
Pamela Andrews Wallace
Jean Kennedy Warner
Sherry Joyce Wells
Cum Laude with Distinction in
Agricultural Economics
Nancy Lida Nowar
Mark Harold Sanborn
Cum Laude with Distinction in
Environmental Interpretation
Louis Robert Dispenza
Cum Laude with Distinction in Horticulture
Lori Ann Cunningham
Cum Laude with Distinction in Nutrition
Jerald Howard Simmons
Cum Laude with Distinction in Economics
and with Honors in the Liberal Arts
James Paul Monast
Cum Laude with Honors in the Liberal Arts
Daniel Lewis Barber
Connie Jane Campbell
Cum Laude with Distinction in Physics
and with Honors in the Liberal Arts
Phillip Keller
Cum Laude with Distinction in Biophysics
and with Honors in the Liberal Arts
Shawn C. Berry

Summa Cum Laude
Lisa Michelle Barnette
Kathy Crawford Blackstone
James Robert Boughner
Keith Robert Broerman
Anthony Edwin Goldberg-Rugalev
Jeffrey Lee Havens
Lou Ann Hetchkiss
Leland Homer Hubbell
Rita M. Killigrew
Kim Marleen Kosmann
Alice Hart Krull
Elizabeth Louise Lynch
Peter John May
Deborah Joan Reed
Robert Neil Stambaugh
Joseph Wayne Thompson
Gary Matthew Westfall
Cum Laude with Distinction in
Environmental Communications
Bonnie Dorsey Reilly
Cum Laude with Distinction in
Environmental Interpretation
Tracy Ann Rice
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Page 264 is blank
The Board of Trustees met at its regular monthly meeting on Thursday, December 10, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
December 10, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

President Jennings:

Mr. Chairman, we've got a variety of presentations. I would like first to recognize Mike Gerald's presence, Chairman of the Faculty Council. Mike, have you got any comments for us?

COMMENTS - MICHAEL C. GERALD
CHAIRMAN, FACULTY COUNCIL

Professor Gerald:

I'm glad you asked that question, Mr. President. On behalf of the University faculty, I wish to extend my thanks to the members of the Board of Trustees, the President and the staff, the Provost, our vice presidents and our deans for their individual and collective efforts in securing for the faculty an equitable salary increase in these very difficult times.

In another matter--in response to the charges by the President, the Provost, and the University Senate Steering Committee, the faculty is making steady progress in its efforts to formulate rules for the termination of tenured faculty. The rules we seek to develop must safeguard both the tenure system and the individual faculty member while permitting the University to respond appropriately to financial exigencies or academic considerations.

Just an aside if I might. I'm fortunate in having probably one of the best secretaries on this campus--I will not tell you her name; I don't want her taken away from us. But as good a secretary as she is and an outstanding typist as she is, when she was typing the rules committee for me, she instead typed 'fules' committee, and I'm not sure she is trying to tell us something here.

The report of the Ad Hoc Faculty Committee on the Release of Tenured Faculty--chaired by Professor James Garland of the Department of Physics--has been released, and through the kind offices of Provost Reynolds, copies have been distributed very promptly to all University faculty for their scholarly analysis.

The Senate Steering Committee has created and charged a Select Faculty Rules Committee--chaired by Professor Glen Schmidt of Dairy Science--with the responsibility of transforming the Garland report into rules. To achieve this end, Faculty
December 10, 1981 meeting, Board of Trustees

COMMENTS - MICHAEL C. GERALD
CHAIRMAN, FACULTY COUNCIL (contd)

Professor Gerald: (contd)

Council--in cooperation with this Select Rules Committee--will be conducting an open faculty hearing on the 21st of January--and what they will attempt to do is to receive positive and negative comments on this report from Senate committees and other University committees, as well as from individual faculty members. We hope to take this information on the 21st of January and use it for the incorporation of rules. We are responsive to the need for us to move expeditiously in this rule formulation process and we are endeavoring to do so.

With your kind indulgence, I hope to keep the Board apprised of our progress in this regard. I would like to share Dean Kottman’s wishes for a pleasant holiday season and a happy new year. Thank you.

President Jennings:

Thank you, Mike, I think it very important to note that the faculty is getting deeply involved in this issue, and I look forward to their development of this. I think we should all be encouraged as the faculty has taken a bit by the horns here and are going to establish, I believe, a very substantial policy to maintain academic freedom in this institution, and it should be a faculty discussion in great depth on this. And I’m sure that we’re going to be able to get a policy that this institution will be much better off with in the unlikely event that we should have financial exigency, but we at all times have to be prepared for that potential eventuality.

Mr. Chairman, I would like at this time to call on Provost Reynolds, who will introduce our Chuck Csuri to give you a presentation on what we’re doing at Ohio State in computer graphics.

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INTRODUCTION OF CHARLES CSURI

Provost Reynolds:

Thank you very much, President Jennings. Charles Csuri was an All American football player, a tag which will follow him all his life, and unlike most of us, he weighed more in college than he does now and was chosen by his teammates as the most valuable player on Ohio State’s first national championship team in 1942. He is professor of art education and computer and information science, and, rather unbelievably to all of us, he’s been on our faculty for 35 years. His work has been supported by the National Science Foundation for the past twelve years. He has also received grants from the Air Force Office for Scientific Research, the Ohio Arts Council, the Bureau for the Education of the Handicapped, the Department of the Navy, and subcontracts from HEW and DARPA projects. His total research support approximates $2,225,000 for these various projects over these last years. He is also a first-rate artist.
December 10, 1981 meeting, Board of Trustees

INTRODUCTION OF CHARLES CSURI (contd)

Provost Reynolds: (contd)

Professor Csuri is known for his pioneering efforts in computer art, and his computer animation won a major prize at the Fourth International Experimental Film Festival in Brussels, Belgium. He has an animated film in the collection of the Museum of Modern Art and other computer works in the Institute for Contemporary Art in London, England. He has been on the editorial board of several major journals in this field, including the Journal of Computer Graphics and Image Processing, Computer Studies in the Humanities and Verbal Behavior. In 1974, he was one of fifteen Americans invited to present at the International Federation of Information Processing Societies in Stockholm, Sweden. He has also served as a consultant for Boeing Computer Services and the Boeing Aerospace Company, and these are just a few of his selected activities.

Professor Csuri's computer graphics have been shown on prime television time in Japan. In this country, his work has appeared twice on the Today Show, NBC News, ABC News, and PM Magazine. Next Spring, segments of his work will be aired on Walter Cronkite's CBS Universe, and on a Walt Disney special on science fiction.

I very much am pleased that Professor Csuri could present to you this day some of his work and its applicability to all of the missions of this University—teaching, research, and service. And I hope if we can have adequate time for it during the winter and spring months, we will endeavor to bring to the Board other ways in which the University is reaching out on the edge of technology in fulfilling its mission. Professor Csuri.

COMPUTER GRAPHICS PRESENTATION BY CHARLES CSURI

Professor Csuri:

Thank you very much, Ann. I feel compelled to say there's life after football. What I would like to do is show you a relatively short video tape that would provide you with examples of the application of this technology to art, medicine, science, and to some extent to business. And perhaps what we should do is look at the video tape first, and then I would like to make a few comments about it. I will also narrate the tape. I guess I had better start it.

Now the work comes really from several different universities. This work was done at Ohio State, and you would have to realize that this picture has never existed as an object. It was generated mathematically. We simulated a lens on the right hand side and computer programs had to be written to calculate light source, perspective, reflection, and all of the cues that one would associate with the so-called real world object. This animation is going to be included in the Walt Disney special next spring. It is very exciting to see a bright, young graduate student put something like this together. And I think the pictures and the animation compares very favorably with anything that's been done in the field of computer graphics in this country and perhaps in the world.
December 10, 1981 meeting, Board of Trustees

COMPUTER GRAPHICS PRESENTATION BY CHARLES CSURI (contd)

Professor Csuri: (contd)

One of the applications is to the field of architecture. The data was generated at Cornell, and they were showing a board of trustees how you could position a building before it was actually constructed, and by taking the architect's drawings you could do a simulation of the building, move it around campus, through buildings for that matter so we don't have any physics involved here, and to get some feeling for the orientation of the building relative to the rest of the campus. And one, of course, if you have the data, you can also show the interior structure of the building before it is actually built—which has a lot of potential for complex urban development projects.

We did this at Ohio State. This is a city that we simulated. We wrote programs to grow buildings rather than read coordinates, and within a week we were able to put together a data base of about two thousand buildings. And here we are going at a fairly fast rate of speed through the environment before it is built. This also has great possibilities for urban planners. This is also done at Ohio State by my associate Frank Crow, and it's simply a demonstration program showing our capabilities to make pictures to control visual information.

The first segment was done at the University of California, San Diego. It's a simulation of the human brain where they took a brain and made slices through it, and picked off coordinates off each of the slices, entered that into the computer, and then this gave the researcher or possibly the physician to look at neurophysiology. The film is much longer, but this is just the introductory part of it.

We did a simulation at Ohio State of a beating heart. It's not real data, but we were interested in motion control, and we took slices and put this together. One could take a computerized tomography, the X-ray scanning, and do that kind of thing.

The following material has been done at Ohio State. Out of Professor Robert McGee's project, we did this computer animation for him. The mathematics were built into the robot. It's a zero gravity vehicle. I find it absolutely fascinating the way that it moves. It's like a creature. And this is a robot arm. Again, somebody had to figure out the physics, and they gave us the control points. We, of course, with our software were able to display this thing.

At Ohio State, one of our graduate students is working on this dissertation work. The skeleton is being controlled by subroutines. He wrote a program where he had to build into it the control of the hips, the legs, the arms, and somehow figure out how to coordinate that.

Again, another item that we did at the University for the military illustrating how we can create very complex data and doing a simulation. Obviously, the Army is very interested in stuff like that.
Flight simulation—we've been fortunate to have quite a bit of support here. The computer is updating a graphic display screen at 30 frames per second, so that it looks like it is a real scene and gives you all the visual cues as if you are in that environment—an extremely valuable tool to teach pilots about flight maneuvering.

And this is a simulation of non-real time. We calculate the pictures. Our task was to be able to come up with techniques to make mountains and trees and roadways, and then we simulate a takeoff. And since we are not really pilots, we want to make sure we can get off the ground, and we take off in a hurry. Again, this is our work of a flight simulator and every amateur pilot wants to fly under a bridge and that's what we did.

This is done by a fellow who is now working for George Lucas of Star Wars fame. This is a computer simulation. These mountains never existed and it is just amazing how people are now able to simulate so-called reality.

We don't have a great deal on education. That was work done at Ohio State by Professor Thomas Linehan.

The following is work from Lawrence Livermore and is a nice example, I think, of how the scientist can use computer graphics to validate or verify their model. And computers are so great at turning out numbers, but it becomes quite another matter to try to understand what those numbers mean. And so for the research scientist, it is extremely valuable to get a graphical display, and even better, to get time-dependent phenomenon illustrated, and by looking at this, obviously, he is knowledgeable about the behavior of these models. He can get a good idea of how his statistics or his data is working.

Work done at Ohio State on astronomy, interacting galaxies where the physics were built into the model. You had to worry about gravity and mass, and I find this absolutely fascinating in the way it makes this spiral galaxy. And, of course, they validate the data by comparing it to so-called real photographs of the universe.

Again, the Department of Geography and Harold Moellering's work in cartography—showing through graphically an innovation—the dispersion of the tractors through the United States—that's the center section of the United States.

I think it is this kind of material that gives people a much better conceptual grasp of what the data is doing. I look at this and I still cannot believe that this never existed as a physical object—it's completely a computer simulation done at Lawrence Livermore Laboratories—it's dealing with molecular structure. And with computer technology, you can also slow time down so to speak and be able to study the phenomenon. This is a marvelous research and teaching tool.
This is a little more complicated to explain, but I will try. A system at MIT that shows the use of computer graphics technology in an application to a complex data base. The picture on the screen represents items in the data base, which happens to be the MIT campus, and it was organized hierarchically, and the user moves through the environment by controlling a cursor, that little block that is moving around the screen, and then they can enter a part of the data base. They went into the Administration Building and then with the cursor they can indicate what person they want to know about. In this instance, it was the President of the University. And then tagged on the data base automatically is a sound track. Now he is going deeper into the space, getting additional information. The sound and pictures again are arranged hierarchically. When you hit a node, then it invokes that particular picture of that sound track. Now he is coming back out of the space, computers keeping track of their location in space. And I think it is a rather revolutionary way of looking at information, and really what we are talking about is how we organize the information, and how we access it. Instead of going through all kinds of manuals, you can store this information on video discs. And now I want a factual profile of MIT, and we go into that item, and it gives me some information about the degrees, the degree programs, and possibly the cost at MIT and so forth.

We made this for the University. You may have seen it on regional television; once in a while on national TV. We received the contract through the Research Foundation and did this for Channel 10. It was on TV all of last year. Again, because we represent things as a three-dimensional structure, we can change the viewpoint very arbitrarily and move about it as if it were a real physical object. The software for this was developed by Professor Frank Crow in our computer science department, who is my associate director, calculating the highlights and the transparency, figuring out the mathematics to do that. We developed the system here at Ohio State that made this possible and the programming was used to produce this animation sequence in Star Wars. This was done under a National Science Foundation project. That is the basic system that made this possible. And what we are talking about is the animation that appears in the distance in the scene—the linear graphics.

And this is more recent work here at the University simulating a space station from the imagination, landed, and now we need to go inside and explore it. And one of my graduate students put the data together and did the animation. A simulation of the galaxy that we did. Again, this is an example of the kind of control we have—we can make those spheres go in any kind of a direction, bringing together to form a structure, and going inside of the structure.

I think that is the end of the video tape. I think I would just like to make a few comments. I think what we're looking at really is a new and very powerful communication tool. It can be used for science, for education, for art and entertainment; it can be used for medicine. And I think one of the things that very few
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COMPUTER GRAPHICS PRESENTATION BY CHARLES CSURI (contd)

Professor Csuri: (contd)

people realize is that the field of computer graphics today is a $2.3 billion industry. We’re talking about hardware and software. By the middle of this decade, projections are that it will be a $7.5 billion industry—just in four years. It is absolutely phenomenal in terms of how this technology will be used, I think, in almost every aspect of society. And my own bias is that I think that we have a tremendous resource here at the University in our computer graphics research group. I think the software we have developed represents years and millions of dollars in research and development.

And, I think that the greatest thing that the University has going for it are its graduate students, and it is really the bright, young graduate students that make this kind of thing possible. And it has really been very exciting for me to be involved in working with young people.

This is obviously a high technology area, and I think it has tremendous implications for business and the economy of Ohio. For example, I think that we have a great deal of knowledge and a great deal of information, but we don’t have the mechanism with a structure really to deal with the kinds of requests we are getting from the business community. For instance—just basic information about computer graphics—there are people who would like to have workshops and even some companies are willing to subsidize internships involved in university programs, but we don’t know how to do it. We don’t have that set up. We could be involved in the licensing of software. We get requests all the time for the software, but we don’t know how to address questions like that. I don’t have the time; I mean, it’s hard enough for me to keep track of my purchase orders, you know, let alone these other things.

I think the potential of the technology is so great and with the projections about its growth that I personally have cut back to 50 per cent time in the University and 50 per cent of my time I have devoted to establishing a Computer Graphics Company here in Columbus, Ohio.

I think that the technology has great implications for academic programs. There are many faculty and graduate students who would like to take courses, who would like to have access to software that they can use in their programs. The College of Education, for example, would like to use this for teaching youngsters concepts in math and science. A professor in astronomy would like to have our display algorithm so that he can display the results of his experiment, but so far we haven’t figured out how to coordinate some of that stuff and to really provide this technology to even our own faculty. It’s a bit of a problem.

And, I think that—I gave a talk for a Battelle Endowment Lecture series. I was really very surprised at the number of people who showed up at that lecture. I guess we had about a thousand people, and my phone has been ringing off the
COMPUTER GRAPHICS PRESENTATION BY CHARLES CSURI (contd)

Professor Csuri: (contd)

wall; students wanting to take courses, wanting information, and I can't handle it. I'm inclined to believe that by the end of this decade, depending on the kinds of decisions this University makes, we could have three hundred majors in computer animation, fifty graduate students involved in that kind of thing not to mention how the computer science program could go. My feeling is that we have tremendous momentum in this area at the present time. We have the projects and talent in position to advance the state of the art further. This is where we are today. I think in five years, we may look back at such and say, 'That was the stone age. This was very primitive.' Technology has a way of really moving very rapidly. In fact, that's one of our problems that it moves so fast that, as a very complex institution, we have difficulty in knowing how to respond to that kind of thing. It's not just Ohio State, but I think it's institutions in general. Well, perhaps some of you have a couple of questions or comments.

Provost Reynolds:

I would just like to say very quickly, 'Thank you, you who have advanced the technologies so rapidly, and you do pose a challenge for us at the University to catch up in our ways of enabling students to have access to this and enabling you to flourish with this rapidly moving field and in making sure that we continue to be at this forefront.'

President Jennings:

This is absolutely incredible! It does demonstrate really what a university, I think, is all about as we heard from Roy a few minutes ago about a research project on cattle, and now we have in a wholly different field another presentation on the state of the art in computer graphics. Any one of these particular areas could revolutionize a particular industry in how we go about that. We've been thinking about building buildings at this University now with the legislative appropriation, it's just fascinating to see the architectural work of moving that about.

We're going to have later on today some preliminary looks at placement of a building on this very campus which will be undoubtedly complex and to have that type of thing. I really think what Chuck is also emphasizing is not only the transfer of that, but the enormous rapidly moving dynamics of whether it's this field or any other field in the institution. How, indeed, whether it's five years or ten years, it's still going to be a very short period of time or even when it's fifteen years, Chuck, I think we can virtually guarantee that this will be stone age stuff in a very short period of time. Even if it were fifteen years from now, Chuck, our freshmen at this institution are only going to be about thirty-five years old when that occurs.

Ann introduced you as playing football. When you were playing football, this was science fiction and radical science fiction, and it'll happen again. It'll happen again and again. When you did the flight simulation, I saw Dick over there. That's
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President Jennings: (contd)

going to totally revolutionize your program—your flight training program. It probably already is in the process of that. Just absolutely incredible! And that’s really what our joint mission of the creation of knowledge and the dissemination of knowledge is really all about. I just really liked this outstanding presentation and hope that we can, as an institution—hope that we are up to the challenge to keep the momentum going here in this.

Professor Csuri:

Well, thank you. I’d just like to thank the Trustees and President Jennings and Provost Reynolds for this opportunity. Thank you very much.

Mr. Smith:

You say it’s a quickly advancing technology, and I just wondered how you keep up in your research equipment?

Professor Csuri:

Well, we have been very fortunate at this institution that a number of years ago the administration recognized that we had potential and provided us with some special computer facilities. Now that was a great beginning. Now, what we have been, in my group, able to do, we have been able to acquire more equipment through federal grants. That’s becoming increasingly difficult, but we’ve been able to buy peripherals, more memory, more processors of one kind or another, and we have a Navy project right now where we are designing some computers that will probably be temporarily state of the art, okay. So we’re very fortunate in that we have a good track record, and we’ve been able to acquire a lot of federal funding, and we have the tools and the opportunity to do it. It is not easy. I think for the young faculty member on this campus, it’s incredibly difficult to get research support. I’m an old war horse. I’m part of the woodwork, and I’ve been here a long time and people sort of know me in federal agencies so I have an easier time of it. I’d hate to be a young professor, an assistant professor, trying to find money for memory or for computer. It’s not easy. It’s really hard.

President Jennings:

The answer is we don’t keep up with the state of the art equipment. We’re seeing a $2 million allocation for equipment. Our estimates are that we need $50 million just to catch us up to the state of the art equipment, and then a recurring budget item in today’s dollars of $12 to $15 million annually that we are short. The answer is, Chuck is, but the basic answer is, institutionally we don’t keep up with the equipment.
COMPUTER GRAPHICS PRESENTATION BY CHARLES CSURI (contd)

Dr. Jacob:

It looks to me like this is sort of the tip of the iceberg—maybe the dawning of the age. I think that’s even an outdated saying, but I think I hear some questions and concerns being raised about, you know, we happen to be in the forefront through a combination of good fortune and good people, but are we going to be able to keep doing this. And maybe, Chet, going back to what you were saying at lunch, maybe there’s something that we should do from an organizational or management point. We can’t just stand back and throw money at it.

Professor Csuri:

Well, I would like, perhaps, to say the obvious. I’m sure you gentlemen already know it. I think those of us that are involved with high technology, whether it be genetics or computer technology or a number of other things, and because of the growth of these areas, the commercial potential, there are really some very powerful forces pulling at us trying to pull us out of the University. It’s a tremendous source of conflict, I think, particularly for someone like myself who’s been in the institution for 35 years, and there’s a lot of emotional attachment and a lot of service, and you don’t want to give that up, but these forces are getting tougher and tougher, and it’s going to be particularly difficult for a young faculty member to resist that.

Dr. Jacob:

Well, getting back to lunch again, are there maybe some heretofore untried ways of organizing or working with industry rather than just letting them pick off our good people or our good programs?

Provost Reynolds:

May I just respond on that quickly, and thank you for asking that question. It’s a question I had hoped would be asked about this because we just happen—Professor Csuri is one individual; we have others in the College of Engineering, others in the College of Biological Sciences, and we have to figure out some ways to work cooperatively with our industrial colleagues in finding ways to support them. Now, Dr. Csuri is too nice to tell us in this setting; he mentions his equipment has been very good, but do you have one computer sitting on a computer floor? I don’t think so. Do you have any computer floor you’re working on?

Professor Csuri:

No, we don’t have a raised floor. We have wires hanging from the ceiling. It’s an embarrassment for me to bring in our Japanese friends to come in and look at the Computer Graphics Research Group. We have all this PR to come in and see the environment, and it’s a little embarrassing.
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COMPUTER GRAPHICS PRESENTATION BY CHARLES CSURI (contd)

Provost Reynolds:

But we are trying to begin to explore some ways of working with industry so that we can have some joint arrangements. It means a lot of things, and a lot of these things will have to be worked out with the Trustees, particularly in patent agreements and all kinds of things.

Dr. Jacob:

Well, just to wrap up, I guess, in the future, can research and service be expanded or redefined to maybe have a little more close working relationship with some of the other sources of financial support or equipment support or people support?

President Jennings:

I don't think there's any question. First of all, I've been very encouraged, particularly in the last few weeks of what the Governor recently did of bringing educators and industrial people together to--initially, the long-term objective is to get the relationship developed much more closely. The initial objective is to find out what we're doing now, whether it's Chuck or anybody else, and find out how to communicate that.

We've also, on campus, asked our Research Committee of the Graduate Council to address this very question of how we do that. I think financially that is tied up closely with the types of financial recommendations you're going to be receiving in the way of salaries and equipment when this budget item comes up, and I think we have to be doing all we can to bring these things together. And you really are seeing, John, you're dead right, the tip of the iceberg on this and particularly in the equipment and space area because it is not a matter of just catching up. We could catch up today. I could present, if we had the money, Ann, with $50 million and she'd be out of date a year from now again or our faculty would. It's not a matter of just catching up. It's a matter of catching up and staying up. And the potential is enormous there. Much of this work now is interdisciplinary. It is not just computer scientists working on this. It is anywhere--from computer scientists to medical people, to sociologists to ag people--bringing those folks together is our great challenge in the future to not have any of these people work in isolation. That's an organizational issue as well. I can imagine you sitting there as an orthodontist having gone through this thing. There is a direct application of what will happen if on the computer graphics, but there is where you get a dental research person together and/or computer graphics--the interdisciplinary research, and we frankly are not organized in our institution or any institution to accommodate to that.

Dr. Jacob: Where do we go from here?

President Jennings:

We keep at it. That's right. You are bringing up something--we don't have good answers at this stage. Some of it takes money and some of it takes a change in
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President Jennings: (contd)

philosophy and a whole change in attitude. It takes organizational structure, it takes attitude, it takes communication with industry. I don't think there is a simple, straightforward way to get at this. I think we get at this on all fronts. Money is a very limiting factor right now in a major way and we need to--

Mr. Devenow:

I would like to say, John, that I think one of the deficiencies in our country is--I think the word communication would be a tough word to use here--but it might not have the proper connotation but the relationship with a liaison between industry and the University is to develop a joint program in these areas and one of the problems is that other countries are doing it. Japan is doing it very rapidly; Russia is certainly doing it. We have got some kind of a failure here of connecting in that area. I would like to ask Dr. Csuri one question if I may. This must have tremendous military application. I would say--

Professor Csuri:

There is no question about it. In the flight simulator, for example, we have a contract now--it's about a $260,000 project to show feasibility of an idea that we have about a flight simulator. If we are correct, and we are inclined to believe we are, eighteen months from now we could be talking to the Navy about a $4 million dollar contract involving building a real time flight simulator. Okay. I don't know that we will get it. I am just saying that's one aspect. Now in terms of training devices, you could use this technology and store it on video discs--video discs being a medium where you can store 54,000 pictures and with a microcomputer you can have random access to it, and you can simulate war games or you can simulate how to repair a carburetor in a vehicle, let's say.

Mr. Devenow:

That's what I am getting at. There's a program that the government is involved in which will replace the Jeep. It's a new type of vehicle and it has to be able to operate under desert conditions, for example, because if there is a possible outbreak of war in the Middle East we will probably be in the middle of that. But it has to have other qualities. And by the time the bugs are worked out of this vehicle which is being bid on by three or four companies in the United States--by the time the bugs are worked out of this thing (by the way, it is an all-aluminum vehicle at this point) there will be millions and millions of dollars spent correcting mistakes, but look what a jump you could get on this kind of thing.

Professor Csuri:

I think that in the automotive industry with finite element analysis, where you--let's say put stress on a structure and through computer graphics display, it shows you in three dimensions--the stress points.
Mr. Devenow: Right.

Professor Csuri:

It will make it red. It will tell you what point it will break so you can do a lot of nondestructive testing before you go to the trouble of making a physical prototype. Ultimately, you have to make the prototype, but at least you eliminate a lot of bad decisions.

Mr. Devenow:

Well, I'm delighted with the work you are doing. As one individual trustee, and we have got a chance to be leaders here, and I hope that what you are saying, John, and I hope that we can follow through or put the pieces together to do it. It is a question of money again.

Dr. Jacob:

But I would hate to see organization and traditional structure stand in our way if there is a way that we can--we have got all the management expertise that you could ever need if you could turn them loose and say 'solve this problem on an organizational basis.'

Mr. Devenow: Thank you. It has been very interesting. Thank you for coming.

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REPORT - COMMISSION ON STUDENT ATTRITION AND RETENTION

President Jennings:

Mr. Chairman, I also--now we move from an aspect of our institution from the creation of knowledge that we have just had a fine report, and now I would like to go into the second major function of this institution--the dissemination of knowledge to our students, and I would like to turn the meeting over to Provost Reynolds to introduce Professor Rosbottom who will talk to us about student attrition.

Provost Reynolds:

Over a year ago, I along with Vice President Kathryn Schoen had become very concerned about our perception that we had an untoward amount of attrition amongst first year freshmen and we felt that this issue was a serious one and we didn't have enough data about it to know the framework in which we were working, and we felt that we needed faculty insights and recommendations on this very, very important issue. To address this we appointed a Commission on Attrition and Retention, and we asked Professor Rosbottom, Professor of Romance Languages, to chair the Commission. Our original intention was that they would finish their report within the academic year. As any good faculty body will, they brought in their charge, their data, and came in with what I consider a very honest masterpiece. And Dr. Rosbottom is here today along with Mr. Michael Young from the Office of Finance and Planning to tell you about the final recommendations and the routes and paths the faculty group chose to take and what they now place before the administration and very appropriately put back into our purview for action. Professor Rosbottom and Mr. Young.
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COMMISSION ON STUDENT ATTRITION AND RETENTION
BY PROFESSOR RONALD ROSBOTTOM

Professor Rosbottom:

I can't tell you how much I appreciate following this act. I would like to begin by introducing my colleagues who are here—all of whom were on the Commission but only some of whom are here. David Boyne, who is in the Department of Agricultural Economics; Jerry Reagan in the Department of Educational Foundations and Research; Jim Garland who came out of hiding to appear today—he is in the Department of Physics; Erika Bourguignon, Department of Anthropology; and John Hirth who is not here is in the Department of Metallurgical Engineering; also I would like to introduce John Savage who was our Graduate Administrative Associate, and who did most of the work of the Commission. The person who did the second most amount of work was Mike Young who is Director of the Office of Planning Studies.

Ann has told you that we were asked to discover if OSU had an attrition problem and if so to define it and to recommend strategies for remedying any perceived problem. I take it you have received copies of this report—gentlemen, I refer you to pages 8 and 9 which set up our charge to discover the attrition rate of baccalaureate students at The Ohio State University and to determine whether that rate is acceptable and then to discover and evaluate those aspects of the University environment—academic and non-academic—that are perceived to have a negative impact on Ohio State students. Most likely I think the establishment of this Commission was motivated by a desire to maintain the FTE at roughly comparable levels despite the indicated decrease in prospective students over the next twenty years. But as Provost Reynolds has said, this was a faculty commission—as such, a unique commission—to be asked to study such a problem as attrition and retention, and as a result we concentrated on educational quality rather than primarily on enrollment levels in a purely fiscal sense.

Do we have an attrition problem at Ohio State? The answer is ‘Yes.’ Fifty per cent of all entering new freshmen will not graduate from this institution. They may graduate from other institutions or they may never receive a baccalaureate degree.

I would like to draw your attention to the otherwise excellent coverage we got in the Lantern, including a very favorable editorial. This coverage, however, had an unfortunate factual error. And that error was, in fact, one which stated that 50 per cent of all freshmen leave in their first year. That is incorrect. It is 50 per cent of all students who enter will leave before they get a degree; 50 per cent of that attrition will occur in the first year. In other words, roughly 25 per cent of all entering freshmen will not enter their sophomore year.

Once we discovered we had that attrition rate we had to define what the problem was. That is, what is an attrition problem? Were we measuring success only by a somewhat measurable criterion; that is, receipt of a degree. It is the only criterion we had available. Where does expected and normal attrition stop and so-called
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COMMISSION ON STUDENT ATTRITION AND RETENTION
BY PROFESSOR RONALD ROSBOTTOM (contd)

Professor Rosbottom: (contd)

problematic attrition begin? If you will turn to page 13 you will see that we list about four different types of attrition that we try to address and try to distinguish between or among. Also we had to ask ourselves, 'How do we compare nationally and regionally with other similar universities?' Finally, the Commission recognized that attrition at OSU is in lieu, perhaps, of selective admissions; that is, that we select, in a way, students, or they self-select in that first year. Nonetheless, we can't explain away some of the problem. Our attrition, we concluded, remains inexcusable.

How do we know that we have such an attrition rate? How do you measure attrition and retention? It is very difficult to do so without a substantial data base which we have. The Office of Planning Studies has about one and a half million records that it has been maintaining since 1973. It is very difficult to evaluate attrition without a sophisticated program to access that data base. We have that--a program developed through Mike Young and his associates in the Office of Planning Studies. We have over thirty variables which we can use to track students according to various personal, geographical, educational, chronological factors. Also, we were able to compare ourselves with some other institutions although this comparison proved limited. I'll return to that in a second.

It is very difficult to evaluate attrition and retention without established procedures for interviewing students who disenroll, and we don't have this capability, which leads me to the next question. 'What do we not know about why students leave Ohio State?' We don't know why they leave Ohio State. We know--nothing we have learned leads us to believe that their reasons for leaving differ from those at similar institutions. They leave for personal reasons. This is usually the reason they give, the ones that we can catch who tell us that they are going to leave which is only a small, small percentage. Most of them fade, disappear. But the ones that we do and can interview always list 'personal.' They also tell us that they leave for educationally negative reasons--advising is poor, counseling is poor, teaching is poor, curriculum is poor or they leave for educationally positive reasons. They want to go to a better school or a school which is perceived to be better. In fact, according to national reports (a broad range of which we have looked at) the most negative characteristic given by students who interviewed is inadequate advising.

The most positive is the caring attitude of faculty and staff. Though we compared ourselves with other institutions we soon discovered that we were caught up in what I refer to as the apples and oranges syndrome--that is, how good are their data; how good are their retention programs; what are their modes of inquiry. I might say that we are very proud of this report. We think it is a pathfinding report. We intend for it to get national attention because of the fact that we are able to understand ourselves we feel perhaps better than any other similar institution in the country. Mike wrote to fifty-some-odd flagship universities and the
variety of data that we got was quite large. There were very few institutions that we feel have the ability to analyze themselves as well as we do. The national attrition rate is (according to which publication you read) somewhere between 30 and 40 per cent of all institutions. That makes us look with our 50 per cent attrition rate somewhat unfavorable position. We would like to think that we just understand ourselves better, that if other institutions were able to evaluate themselves with the precision that we can--that perhaps their attrition rates would be somewhat similar.

Also, obviously, we are a unique institution in many ways--a large land-grant open admissions institution, the major research institution in a large state with demands ranging from teaching people how to read to putting together programs like the one you have just seen--all within the same campus. What can we do about what we do know? We can admit the problem. We can inform the University community that it exists. We can redirect our resources and our attention to establishing closer relationships between faculty and undergraduates. We can examine organizational structures which were set up in the 60's and 70's to respond to real needs--I speak here specifically of UVC and the Arts and Sciences federation. We can examine those structures in terms of the changing nature of higher education and where it is going to be in the next 20 years.

I refer you specifically to the Carnegie Council's 1980 report entitled, 'Three Thousand Futures: the Next Twenty Years for Higher Education,' which will show you what we need to do at Ohio State in order to respond imaginatively to projected changes. We can mandate a coherent faculty-devised curriculum for a liberal college education which those of us on the Commission do not feel we presently have. We can devise ways to mitigate the three gremlins of education at OSU: its size, the quarter system--which impedes coherent planning and which encourages stop-outs; which weakens the bonding that we feel is necessary between students and the institution they have chosen to attend.

And the third is the insufficient response that we've discovered to changes in higher education on the part of administrative structures originally designed to address earlier problems.

The overall rationale which subtended the recommendations that you have before you was--our benchmark was educational quality. This is a faculty commission and present company accepted, it is made up of, I think, five of the best faculty members that teach and do research at this institution. Each one of these people has been asked to chair or serve on another commission dealing with equally intractable problems since our Commission was formed.

OSU needs to think smaller; it's going to get smaller; and soon it needs to examine present administrative structures. It needs to encourage more attention to the student's intellectual life on campus. There is a general morale problem that we
have discovered here, reinforced both in students and in faculty which impedes change. President Jennings has made several public statements about OSU being more respected outside the state than within the state. And I think an analogous statement could be made that OSU is respected more outside of our campus than inside, both by the students and by the faculty.

The *Lantern*, for instance, just in the last year has had a half dozen editorials addressing the size, the impersonality, the lack of coherence in programs; perceptions defined responses, perceptions become facts, and that's why we were especially pleased with the strong *Lantern* endorsement of this report which appeared in last Friday's *Lantern*.

As far as the recommendations themselves are concerned, recommendations 1 and 2 deal with technical--but what we consider to be crucial--implementation of what we've learned. We know ourselves well enough now to cure our ills. We have got to centralize our information gathering processes on this campus. We've got to quit reinventing the wheel. I would hate to think that in five years, there will be another professor sitting here telling you about an attrition and retention report that has just been made which has forgotten the one that I've just reported on. We can't rely on demographic projections, but we can certainly establish more control over our internal institutional projections.

Number 3--better recruitment means higher retention. It's easier to retain students than it is to obtain students. Number 3 also refers to another fact which we discovered and that is that the black graduation rate at Ohio State University is very low and the retention efforts in that area need to be addressed and immediately.

Numbers 4, 5, and 6 refer to UVC (University College), which is an easy target. It is an easy target because it is the entry unit through which all of our students must pass, but it's an unavoidable one. We must address it since 50 per cent of all attrition occurs within that first year.

Recommendation 7 refers to the BER (the basic education requirement), which many of us feel is inimical to the definition of an educational philosophy. It's a microcosm of OSU, of those three gremlins I mentioned. Its emphasis there is on size and variety. When you have 400 or four hundred-and-something courses which are supposed to together enable a student to choose a coherent liberal college education, naturally problems are going to evolve. The BER, by the way, was examined in 1977, and I refer you to that report--the so-called Scanlon report.

And last, recommendations 8 and 9 which deal with conditional admission to Ohio State University. We were working on that this summer when you and
December 10, 1981 meeting, Board of Trustees

COMMISSION ON STUDENT ATTRITION AND RETENTION
BY PROFESSOR RONALD ROSBOTTOM (contd)

Professor Rosbottom: (contd)

Provost Reynolds and President Jennings decided that it was a matter worth pursuing. We enthusiastically endorse it; we think that these two recommendations form a central part of our report.

Who has the responsibility now to address these problems? First is the retention committee which must avoid falling into the trap of not considering qualitative judgments and being inundated with data. These are academic issues, and we feel the Office of Academic Affairs should take the leadership in addressing this problem, and individual colleges should begin to establish a closer relationship between programmatic coherence and retention.

Let me conclude with a few salient facts that we discovered in our report. To give you an idea of what we are able to do—I wish I had a video tape—because I have a great respect for visual information, and one retains it longer than they do verbal. Fifty per cent of all NFQF will not get a degree at Ohio State University. Fifty per cent of all attrition occurs in the first year. Black students stand a significantly less chance of graduating than do whites. There is no statistically significant discrepancy between male and female graduation rates except in terms of blacks. There is little change in attrition or graduation rates over time. OSU needs to attract a higher proportion of the better Ohio high school graduates. The four-year model is no longer so dominant—by that, I mean the model of student entering in year one and graduating in spring of year four, but 12 quarters do seem to be the average. In other words, no matter how long they stay, it’s going to take them 12 quarters of work. They can stay 15 years, but they will have, in effect, studied for 12 quarters. Students seem to do better in programs with a higher degree of curricular sequentiality, that is, with better defined requirements and as a result better advising. OSU’s graduation rate is quite low in comparison with other large land-grant institutions insofar as we’ve been able to establish a valid comparison.

To conclude, let me say that the underlying belief of this committee was that we at Ohio State are prepared to offer excellent, quality education to those people who are ready, willing, and able to receive it.

Mr. Devenow: What was your statement just before your concluding statement?

Professor Rosbottom:

That Ohio State’s graduation rate is quite low in comparison with other large land-grant institutions insofar as we’ve been able to establish those valid comparisons. We have some comparative data. It’s interesting data; I think it’s valid data, but we have to be very careful because we don’t know how well their self-analysis is.

Mr. Devenow: So that that conclusion may not be a correct one?
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COMMISSION ON STUDENT ATTRITION AND RETENTION
BY PROFESSOR RONALD ROSBOTTOM (contd)

President Jennings:

Ron, I think it might be worthwhile saying that the conclusion may not be a correct one, but on a national level doesn’t really give me any solace to say that Ohio State’s rate is 50 per cent and somebody else’s rate is 40 per cent. The magnitude of the issue is still there. I think that two things need emphasizing is that we are and I think we should be enormously skeptical of another institution’s data and graduation rate. I think it is also important to point out that even if those data are correct that other institutions have the same problem. And then, I think, we must go on then to say that we should not go on to conclude that since other institutions have the same problem that we, at Ohio State, should not attempt to try and do something about it at our institution.

Mr. Devenow:

I agree except that whether we are or not the worst or the lowest--there’s a question of how strong their analysis is. I agree that we have to deal with it wherever we are.

Professor Rosbottom:

Yes, I think it’s not much of a solace saying that we’re just a little more ill than the other institutions which are also ill. Unless you like being ill, it’s better to cure yourself. Mike might want to make a comment about this data, because I think this is in many ways the most striking and yet the most problematic aspect of--it’s data over which we had the least control because it’s data that was provided by other institutions.

Mr. Mike Young:

Because I think you can get an idea if you could see the pile of material I received in response to the survey that I sent out as to the quality of data that other institutions have. Generally, they were Xerox copies that were hardly legible, apologies in cover letters for the quality of the data as well as of the presentation. Most of the universities that responded would not even allow us to identify them which gives me some indication of how proud they are of what they have. Yet, at the same time, I appreciate their willingness to share these data in a research mode.

Mr. Devenow:

May I interrupt--what I am trying to get at here is that we have had some criticism from time to time that academically we are not as good as other schools. This statement you made prior to your conclusion, maybe if it is accurate, it is a verification of that. If it’s inaccurate, why we’ve been accused wrongly--even though, as I say, we need substantially more improvement.
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COMMISSION ON STUDENT ATTRITION AND RETENTION
BY PROFESSOR RONALD ROSBOTTOM (contd)

Professor Rosbottom:

I was just going to refer you back to one of my earlier statements and that is--it's because of that first year that we look so bad. We do not have selective admissions at this institution. We select in that first year. We select, and I think students self-select as they decide what they are capable of doing. We didn't do this kind of run, but if we compared ourselves second and third and fourth years to other institutions--second, third, and fourth years--we look better. Not better, we don't look as bad.

Provost Reynolds:

That's the point I was going to make. When you just take the data, and you have those data that were sent to you, and you compare the attrition rate between the sophomore and the junior year, and the junior and senior year, we are not unlike the other comparative institutions. Our real problem is primarily in the first year, and many of the things that this Commission has recommended put the responsibility for that problem rather firmly--the responsibility for remedying the problem rather firmly on the faculty--and I appreciate that, and I am grateful for that because there are things that involve putting students in closer contact with faculty members and senior faculty members earlier. As we move to implement this, the faculty will be undertaking extra obligations in working with 18-year olds. And I am grateful to the Commission for making that recommendation and the reception of the faculty to this has, in general, been very strong.

Mr. Devenow:

All I was trying to certainly clarify is whether this was done in support of your position, and the actual preparation for exams. I didn't want this to be a self-serving situation.

Provost Reynolds:

No, Chairman Devenow, this project was started far before that. You were charged in September 1980, I think.

Professor Rosbottom: Right.

Provost Reynolds: And their recommendation is a concurrent one with that issue, but--

Professor Rosbottom:

I might say that we thought our most controversial recommendations were going to be the last two, and we voted on them back in June, all kinds of trepidations, spent hours trying to figure out how we were going to talk to the Provost and the President and the Board of Trustees into looking at them favorably. And
then there was an epiphany, a serendipitous combination of events, which took us off the hook, so that we can come back now and say that you've done a marvelous job, and as you can see, we back you 100 per cent, and we're glad you were out front on it rather than--

Mr. Devenow: In other words, you didn't back into it?

Professor Rosbottom: We didn't back into it; we went into it with courage but a little trepidation, but I was expecting to appear before you saying, 'Here it comes; what about conditional admissions?' And now we don't have to do that; you've done all the hard work. We encourage, we strongly encourage that this program--this idea--be pursued. We think that it is a waste of resources--emotional and fiscal resources--to allow what happens in the first year at this institution to continue to happen.

Dr. Jacob: Do you have any historical data related to the same type of numbers you're talking about? In other words, what was the magnitude of the problem in 1971, 1961, 1951?

Professor Rosbottom: Well, 1973 is when we began to keep these kinds of data we have. Now, I know that I've heard some stories from one person who is sitting over there, John Mount, who always pulls out historical data whenever we come out with something just as recent as a decade ago. I think that the data, quite frankly, before 1973 was very idiosyncratically collected, was spread all over the University, was done well by some departments, less well by others, and I wouldn't suggest anyone taking the time or making the effort to dig that data out, because I just don't think it would be useful.

Mr. Devenow: I've just one more question. How was the data related to the size of the college--number of students?

Mr. Mike Young: Are you asking if, did we sample this--

Mr. Devenow: Well, I'm saying, 'Would the attrition rate be the same at the University of Michigan which is 45,000 or 60,000 or some other school that was 15,000, the University of Toledo--how did you adjust for size?'
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COMMISSION ON STUDENT ATTRITION AND RETENTION
BY PROFESSOR RONALD ROSBOTTOM (contd)

Mr. Mike Young:

I did not look at the size; I know what the attrition rates are for many of the institutions that you’ve mentioned, but it tends not to be—it’s random by size, it has nothing to do with the size.

Mr. Devenow: You don’t think size has an impact on it?

Mr. Mike Young:

I think it has more to do with open admissions. We looked at the quality of the students who came to OSU as measured by test scores compared to other universities and on the average they’re lower here, but we have a lot of very good students and some very weak students so that’s what is hitting the average.

Dr. Jacob:

Ron, would it suffice to say you would use this work that you’ve done, particularly the data base, for future evaluations to keep the Board and the administration up to date on how we are doing?

Professor Rosbottom:

I won’t do it because I am through with this job! But it will be done because our first recommendation, and I might add that it was President Jennings, and on President Jennings’ initiative, that we altered our first recommendation. There will be a retention commission chaired by a faculty member, the majority of whose members will be faculty, who will report, at least biannually, to the Board of Trustees and to the Senate on not only the fiscal but the academic issues attendant to retention and graduation.

Dr. Jacob: You’re not volunteering?

Professor Rosbottom:

No. Well, I’d love to do it, but I think I should give the position to someone else.

President Jennings:

Let me just make a couple of points on this, too, that I think bear some considerable emphasis. We’ve talked about other institutions and other institutions’ data. There has been a great deal of work nationally on the whys of retention or lack thereof. I think what you are going to find is that this study is going to be in higher education a pioneering study because it is the first that has taken strictly an academic approach to this issue that this is a faculty study—there are other aspects
President Jennings: (contd)

of an institution besides academic aspects—and this institution has been a leader in some of those whether we’re talking about dormitory programs, recreational activities, and so forth and so on. And those are extremely important to the total fabric of student life at this institution as it is at other institutions, but it’s worth and I think very important, to emphasize that Ron and his committee have taken a faculty perspective on this, and all the recommendations are directed at the academic side of the student’s experience at Ohio State. That has not been done on a national level, and so, I think, in answer to the quality issue, we’re going to be very much out front nationally in taking a look at this issue from strictly the academic experience side of this.

I don’t think there is any question also that it bears emphasizing that this is going to be an issue that the faculty must get engaged in and get engaged in deeply. Whether the issue is advising or organizational structure, many of the ‘solutions’ to these, at least that we think now, are not going to work unless the faculty is actively engaged in this. We absolutely must have the faculty engaged in it. I think that is one of the reasons we should be optimistic on this is because this whole process is a process of faculty engagements whether it’s advising or what not.

I think, third, and very important—you saw earlier changing technology. I think we in the academic community very much have to address ourselves to the question of, ‘What are we preparing our students for?’ We’ve heard a lot in the last ten years about irrelevancies, but I think we all are fearing that they are irrelevancies only in a very short, short time period. I don’t think there is any doubt that ten years ago those students trained in computer science, for example, if they have not adapted to those changing technologies, they are hopelessly out of date. We’ve got to address also in this the very fundamental issue of, ‘What are we training our students for?’ Is it for that first job or is it for a career—a forty- to fifty-year career where things will totally change? And is it going to be a situation where we have to put out students who are ready for those changes, and that means in many areas a total rethinking of curricula to get more foreign language, more history, more humanities into that curriculum. It may be that they are irrelevant to that first job, but they are clearly not irrelevant to the career. That first job really hasn’t got a lot to do with a student’s long-term career and long-term success. And in this report, Ron has addressed that and the committee has addressed that very issue, and that’s going to be a very significant issue at Ohio State and across the country, and again, the faculty is going to be involved in this.

And, I think, fifth, just as important, they have not fallen into the trap, that is, a lot of university studies are falling into. Namely, they have not relied solely on the traditional quantitative measures, whether it is square feet or student/faculty ratios or what not. Those are all important, but we are essentially in a very qualitative area. The judgments of the success of our students are going to be
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COMMISSION ON STUDENT ATTRITION AND RETENTION
BY PROFESSOR RONALD ROSBOTTOM (contd)

President Jennings: (contd)

made twenty and thirty and forty years from now. This group has not fallen into that trap of using just quantitative measures. While it makes it much more complex to go into the qualitative measures, the real guts of this thing is going to be a qualitative judgment, but in a qualitative judgment not tomorrow or next week but twenty years from now and thirty years from now. And, I think, that what we set forth is a process that is going to make a student’s experience a much more lifelong student experience than that first job issue, and it is very wrapped up in what we saw before. I think it is very significant that these two activities are coming together, and we’re talking about such rapidly changing technology, and we teach a student about computers today; that student by the time they’re thirty is hopelessly out of date if they do not have some ability to adapt to that changing future, and we have to very much emphasize it. I think, frankly, we’re on the right track here. We may be proven wrong ten years from now, but this is something that has not been addressed before and not tried before—the type of things that this committee is recommending, and I think it is kind of exciting, and I think that you’re going to find that nationally we’re going to be getting Ohio State—people are going to be watching us as to how successful we are, and I can imagine that we’re going to be copied on down the road a great deal as we get on down the road.

Mr. Smith:

Just one thought—you highlighted the problem of retention of the black student, and I’ve been on this Board for many years now, and I have never heard a good report about admission of black students, retention of black students, admission of black students for professional schools, i.e., that we are improving. That’s a problem that doesn’t go away for us.

Mr. Devenow: That’s right.

Mr. Smith: We don’t seem to get any better at it.

President Jennings:

We’ve done a lot of quantitative work. I think in our minority or educational disadvantage, I would, of course, go beyond just the black student; I would go beyond to the minority and to the educationally disadvantaged student. We’ve done a great deal of getting those students into our institution, but now they are addressing the problem of what happens when they get into the institution. We’ve brought them into the institution. Now, we’ve got to determine whether there are special problems associated with that group, but I think what Ron is pointing out, it is a black student problem but it is a student body problem in general.
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COMMISSION ON STUDENT ATTRITION AND RETENTION
BY PROFESSOR RONALD ROSBOTTOM (contd)

Mr. Smith:

The last report I heard, we weren't doing a good job of getting them into the institution.

President Jennings:

We've got these 600 slots and we're getting them into the institution, but--

Provost Reynolds:

You may not have been at that meeting. I gave a preliminary report on enrollment and mentioned specifically minority admission, and would be happy to bring this in more fully over—with a profile of several years. I do want to mention one thing in that context though, our graduate program, where we actually recruit graduate students for our graduate school from minorities—is outstanding across the nation. We have one of the highest percentages of black students in graduate programs of any institution in the country, and we have produced more black Ph.D.'s than any institution in the United States.

Mr. Smith: That's the first time I've heard that.

Provost Reynolds:

But that's one statistic, and if the President concurs and so forth, I would be glad to explore that more fully with you.

President Jennings:

I would be glad to. Well, I'd just, perhaps, like to close, but I think this is an exciting activity, and I appreciate very much the faculty addressing this very difficult issue, and it's going to be a long time in the making, but I think this institution in this process is taking a major step towards looking at our entire academic activity, and we thank you, Ron, and each of the members of the committee, and as soon as I get my desk cleaned off and down to it, we'll be appointing this Commission, and I'm very confident we're off to a good start on it.

Professor Rosbottom:

Thank you, and I would like to commend the administration in the person of Provost Reynolds and former President Enarson and former Vice President Vandament, who initiated this Commission and who called me on the phone and said, 'We want you to do something about retention.' And I said, 'Yes,' because I didn't know anything about it. But it was a good idea, and I hope that we've been able to help you. Thank you.

Mr. Devenow: Thank you very much.

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RESOLUTIONS IN MEMORIAM

Resolution No. 82-49

Synopsis: Resolutions honoring the service of two of this 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 Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

William H. Reither

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 19, 1981, of William H. Reither, Associate Professor Emeritus in the Department of Philosophy.

Professor Reither was born in Jackson Center, Pennsylvania, on May 2, 1892. He received the A.B. degree in philosophy from Oberlin College in 1924 and the A.M. degree, likewise in philosophy from Oberlin, in 1925. In 1931, he was awarded the Ph.D. degree from The Ohio State University where he had already served in the Department of Philosophy as Graduate Assistant (1926-28) and as part-time Instructor (1928-31). From 1931 to 1942, Dr. Reither served as Instructor of Philosophy at Ohio State, from 1942 to 1957 as Assistant Professor, and from 1957 to 1962 as Associate Professor. In 1962, he became Associate Professor Emeritus. Dr. Reither also served as Acting Associate Professor at Ohio University in the Summer of 1948, as Lecturer at Johns Hopkins University in 1949-50 and, after his retirement, as Visiting Professor at the College of Wooster in 1963-64.

Throughout his career at Ohio State, Professor Reither made manifest his steadfast commitment to the department by serving on numerous committees. He was, moreover, Secretary-Treasurer of Phi Beta Kappa, Epsilon of Ohio, from 1944 to 1948, and President of the Chapter in 1957-58. From 1950 till 1953, he was a member of various committees of the University Post, No. 310, of the American Legion. Likewise, Dr. Reither was active in professional philosophy in Ohio when, from 1935 to 1940, he was Secretary-Treasurer of the Philosophy Section of the Ohio College Association and, from 1949 to 1952, its President.

Although he contributed articles and reviews to journals in the field, Professor Reither was, above all, a devoted teacher and counselor of students. He taught and advised thousands of students both here at Ohio State and elsewhere, and he literally dedicated his life to his students.

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 10, 1981 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Samuel Renshaw

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 5, 1981, of Samuel Renshaw, Professor Emeritus in the Department of Psychology.

Dr. Samuel Renshaw was born in Sugar Grove, Ohio, in 1892. He was a lifelong Ohioan although his many professional contributions extended his reputation far beyond the borders of his state and even of his nation. Dr. Renshaw was a friend of many of the notables of his day, among them James Thurber and Aldous Huxley.

He graduated from Ohio University in 1914 and earned his M.A. and Ph.D. degrees at The Ohio State University. He began his academic career as an Instructor in experimental psychology at Ohio University. Before coming to Ohio State in 1925 as Assistant Professor of psychology, he taught successively at Rio Grande College and at Western State Normal School in Michigan. At Ohio State where he taught experimental and educational psychology, Dr. Renshaw was for many years Director of the Experimental and Perception Laboratory. He retired as Professor Emeritus from Ohio State in 1962.

In addition to his specialty in the psychology of perception, Dr. Renshaw made numerous contributions to the field of optometry and was widely known among optometrists for his applied and theoretical contributions to their profession. During World War II, Dr. Renshaw devised an early recognition system for the identification of enemy aircraft and was head of a U. S. Navy sponsored school at The Ohio State University for training naval personnel in his system. He was decorated by the Navy for his contribution to the war effort. As an educational psychologist, Dr. Renshaw was particularly interested in the process of speed reading and devised tachistoscopic methods for teaching reading at high rates of speed while maintaining comprehension. Dr. Renshaw's book, *Children's Sleep* is an outstanding contribution to the field of developmental psychology.

Dr. Renshaw's work has been a great credit to the University at which he taught for so many years. He befriended many of his students and will long be remembered by both the undergraduate and graduate students who took his seminars, worked in his laboratory, and took their degrees under his direction.

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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1981-82 CURRENT FUNDS BUDGET FOR
THE OHIO STATE UNIVERSITY

I. INTRODUCTION

The adoption of the Current Funds Budget for Fiscal Year 1981-82 has been deferred until the members of the Ohio General Assembly were able to complete their work of dealing with the difficult financial constraints facing the State. Now that the work of the State legislators has resulted in a budget for the remainder of the 1981-83 biennium, the allocation for The Ohio State University will enable this University to continue to fulfill its mission as the State's land-grant University and maintain its reputation as one of the finest public universities in the nation.

Under the provisions of this budget, Ohio State will be able to provide long-overdue raises to maintain and improve the quality of our faculty and staff. Funds are also available to provide some additional support for sustaining the quality of the library plus acquisition of teaching and research equipment. Perhaps most important to this University's mission is the reduction in student fees to maintain the tradition of student accessibility.

In developing and approving this budget for 1981-82, we must be ever mindful that the economic situation in Ohio remains uncertain. Therefore, every effort will be made to maintain adequate flexibility to adjust expenditure patterns if less than anticipated State revenues should necessitate further budget adjustments. In this regard, the hiring restrictions which have been in effect will continue until there is a clarification of the State revenue situation and budget plans for Fiscal Year 1982-83 are approved.

II. SOURCES OF FUNDS

The sources of current funds in support of the 1981-82 budget total $607,084,800, as detailed in the schedule of Sources of Income to support 1981-82 Budget. These revenues represent an estimated increase of 12.6 per cent over actual 1980-81 current funds revenues. Of these total sources, Columbus Campus general funds represent 44 per cent of the total with earnings operations generating 33 per cent, restricted grants and contracts 21 per cent, and the regional campuses revenues total 2 per cent.

The 1981-82 budgeted student fee revenues incorporate a 50 per cent reduction in the Instructional Fee surcharge effective the Winter Quarter 1982. This surcharge, implemented the Autumn Quarter 1981, was necessitated by the interim State budget. With the support currently provided by the State, this University will meet its commitment to reduce the amount of the surcharge and establish the instructional fees at a lower level. Even with this lowering of student fees, the percentage of the Columbus Campus unrestricted general funds budgets support by student fees continues to increase—33 per cent for 1981-82, 31 per cent in 1980-81 and 28 per cent in 1979-80.

Due to the uncertainties in State revenues, the 1981-82 biennium budget legislation includes an automatic subsidy cutback of 1 per cent for 1981-82 if revenues do not meet projections. Therefore, we have created within this budget flexibilities which will allow this University to address to reductions in State support without disruption to the academic programs.
December 10, 1981 meeting, Board of Trustees

1981-82 CURRENT FUNDS BUDGET FOR
THE OHIO STATE UNIVERSITY (contd)

III. USES OF FUNDS

The University's current funds estimated expenditures for Fiscal Year 1981-82 are detailed in the schedule of Budgeted Expenditures for 1981-82. These expenditure levels will enable this University to implement the following budget guidelines for Fiscal Year 1981-82.

* Increase faculty and administrative/professional staff salaries by an average of 9 per cent (which includes a 4 per cent across-the-board pay increase), plus an allowance of 2 per cent as a supplemental allocation for market adjustments in selected units of the University, both to be effective November 1, 1981.

* All eligible faculty and staff to receive a one-time cash supplement on December 18 to equalize the effects of the delay in pay increases for those on academic year versus annual appointments. This one-time payment is to cover the month of November for academic year personnel and November plus three months for annual appointment faculty and administrative/professional staff.

* Classified personnel to receive pay increases of 75 cents-per-hour or 10 per cent, whichever is greater, in accordance with House Bill 634, with this University covering one-third the cost.

* Increase general expense budgets by 8 per cent for the colleges and departments, which includes stipends for graduate students working as teaching, research and administrative associates.

* Provide on a one-time basis, special allocations of $1.1 million for student financial aid support, $1.1 million for library acquisitions, and $2.0 million for the purchase of necessary instructional and research equipment.

In addition to these specified budget increases, the expenditure budgets will enable this University to meet mandated General Fund cost increases such as utilities ($2.2 million) and employee benefits ($1.3 million). There is also established a minimum flexibility budget of $2.5 million with which to address unanticipated needs, along with $3.3 million held as uncommitted reserves unless needed to remedy potential shortages in revenues.

Assumed in this budget is the implementation of the overhead cost recovery system applicable to all University earnings operations. This program will require each unit that earns all or part of its revenues from charges for their services to compensate the University General Fund for the various administrative and support services provided as well as pay the direct costs of the utility, custodial and maintenance services utilized. These units will in turn be compensated for the short-term interest earnings on their positive cash balances (or charged the same rate of interest for negative cash balances). This program will reduce the General Fund burden of support for these earnings operations by having each such unit cover the total costs of their activities.
IV. 1982-83 BUDGET PLANNING

Knowledge of State appropriations for the second year of the biennium has enabled us to initiate the budget planning process for 1982-83. As soon as resource and cost estimates are more refined, budget guideline recommendations for the next fiscal year will be brought to the Board. Preliminary analyses indicate that with the current biennium allocation from the State, and assuming reasonable increases in expenditures plus maintaining our commitment to hold fee increases to a minimum, it will still be necessary for this University to cut an additional $6.7 million from its budget prior to June 30, 1983. This is in addition to the $10 million in retrenchments and savings already absorbed since July 1, 1980.

These reductions will be made over the remainder of the biennium in selected areas to be determined by the vice presidents and deans, in consultation with faculty, staff and students. In making these further cutbacks, every attempt will be made to assure that the University’s fundamental missions are not adversely affected. Reductions in personnel will continue to be achieved through attrition, and the University’s limited hiring freeze will remain in effect. The overriding goal in realizing these savings by the end of the biennium will be that Ohio State’s long-standing quality in teaching, research and public service are maintained.

Unfortunately, there is still a great deal of uncertainty about the second year’s finances for the State, and we must be aware of these uncertainties in projecting fee levels for next year. The Ohio State University, however, remains committed to the principle of accessibility, and therefore we remain committed to keeping our fees as low as possible.

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BUDGET 1981-82

Resolution No. 82-50

Synopsis: The Budget for 1981-82 is being submitted for adoption.

WHEREAS the State has adopted a budget for the remainder of the 1981-83 biennium which provides funding to this University for 1981-82 which is 8.2 per cent above the reduced appropriation level for Fiscal Year 1980-81; and

WHEREAS this funding level enables this University to reduce 50 per cent of the student fee surcharge imposed during the period of the interim budget; and

WHEREAS the resources are now available to provide salary increases of 9 per cent to the faculty and administrative/professional staff for Fiscal Year 1981-82 plus another 2 per cent for selective market adjustments; and

WHEREAS the State has adopted salary increases for the classified staff of 75 cents per hour or 10 per cent, whichever is greater for Fiscal Year 1981-82 and has provided two-thirds of the funding for these increases:
December 10, 1981 meeting, Board of Trustees

BUDGET 1981-82 (contd)

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for Fiscal Year 1981-82 be approved with the authorization to make expenditures within the income levels contained in the budget schedules included as a part of this Resolution; and

BE IT FURTHER RESOLVED, That the student fee surcharge imposed during the period of the interim budget be reduced 50 per cent beginning Winter Quarter 1982, and that the Schedule of Student Fees for the Winter Quarter 1982 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 1981-82, and to file these materials with the official records of this University.

Mr. Devenow:

Before we ask for a motion or a vote, I would like to make a statement. I would like to report that the Personnel Committee of this Board has met to consider the President’s salary. I think everyone assembled here knows the President’s salary has been a concern of long standing with this Board. As you know, the salary was also a particularly acute and difficult problem for the Board during the search and selection process for a new president. This ultimately resulted in Dr. Jennings having to take a substantial salary reduction in order to assume the presidency of The Ohio State University.

We were delighted and pleased with President Jennings’ decision to come to OSU, and I believe that it would be a disservice to him not to recognize the financial sacrifice he made in order to assume the presidency of this great University. It is most certainly difficult to justify the current salary of President Jennings in light of the level and complexity of his responsibilities. I should note here that the Board wishes to formally recognize Dr. Jennings efforts over the past several weeks for his work on behalf of The Ohio State University.

In view of the action taken by the Ohio General Assembly to remove the constraints imposed on the University with regard to the President’s salary, the Personnel Committee has recommended that effective November 1, President Jennings’ salary be fixed at an annual rate of $78,000.00. I should like to note further that even at the proposed salary increase level, President Jennings will be substantially below some of the salaries of other presidents of the Big 10 institutions. I would like to ask for a motion to approve the President’s budget recommendations as well as the recommendation of the Personnel Committee as noted in my report to this Board. Do I have a motion?

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
December 10, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1981-82 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1981-82 BUDGET
(IN THOUSANDS)

<table>
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<tr>
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<th>1980-81 Actual</th>
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December 10, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1981-82 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1981-82
(IN THOUSANDS) (contd)

<table>
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<th></th>
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Regional Campuses

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Construction and Renovation Projects $3,593 -0-
Endowment Income to Principal $751 -0-

**GRAND TOTAL** $526,325 $601,102
## PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1982

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<th>Credit Hours Enrolled</th>
<th>Instructional</th>
<th>General</th>
<th>Resident Total</th>
<th>Out-of-State Tuition</th>
<th>Non-Resident Total</th>
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## PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1982 (contd)

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<th>Instructional</th>
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<th>Resident Total</th>
<th>Out-of-State Tuition</th>
<th>Non-Resident Total</th>
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PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1982 (contd)

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<th>Resident Total</th>
<th>Out-of-State Tuition</th>
<th>Non-Resident Total</th>
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PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1982 (contd)

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being $70 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being $70 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

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MERGER OF OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER INTO THE OHIO STATE UNIVERSITY

Resolution No. 82-51

Synopsis: Modification of Bylaws of the Board of Trustees and Rules of the University Faculty is being proposed.

WHEREAS pursuant to an action of the Board of Trustees and a concurrent action by the Board of Control at the meetings held on May 1, 1981, said Boards expressed the intent to bring the Ohio Agricultural Research and Development Center into The Ohio State University should enabling legislation be enacted by the General Assembly for this purpose; and

WHEREAS the 114th General Assembly has approved enabling legislation which provides for the merger of the Ohio Agricultural Research and Development Center into The Ohio State University; and

WHEREAS the University wishes to proceed with the implementation of this merger in accordance with the Memorandum of Understanding adopted at the May 1 meetings; and

WHEREAS in order to provide the requisite administrative organizational alignment it is necessary to amend existing Bylaws of the Board of Trustees and Rules of the University Faculty; and
December 10, 1981 meeting, Board of Trustees

MERGER OF OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER INTO THE OHIO STATE UNIVERSITY (contd)

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President, the bylaws and rules as enumerated below are amended and/or new rules are proposed:

NOW THEREFORE

BE IT RESOLVED, That the modification to the Bylaws of the Board of Trustees and Rules of the University Faculty as proposed in this resolution be adopted and that they be included in the next printing of this document.

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

BY LAWS

3335-1-03 Administration of the university.

(E) The president’s staff.

(1) The president’s staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, the vice president for university development, the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources, and special assistants.

(Q) Vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources. The major area of responsibility and authority of the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources shall be that of handling administrative and fiscal affairs for Ohio agricultural research and development center and Ohio cooperative extension service. Without limiting the generality of the foregoing, the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources 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 administrative details and authorization for all expenditures which shall be in accordance with policies and procedures of the Ohio state university. The vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources shall report to the president of the university for all administrative and fiscal affairs and to the provost of the university for academic affairs, including appointment, tenure, and promotion of all faculty.
December 10, 1981 meeting, Board of Trustees

MERGER OF OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER INTO THE OHIO STATE UNIVERSITY (contd)

RULES

3335-3-05 President’s staff.*

(A) The president’s staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, the vice president for university development, the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources, and special assistants.

3335-3-152 Vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources.*

(A) The vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources shall be the executive head of the college of agriculture and home economics, the Ohio agricultural research and development center, and the Ohio cooperative extension service which organizations include the college of agriculture and home economics, the school of home economics, the school of natural resources, and the agricultural technical institute.

(B) The major area of responsibility and authority of the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources shall be that of handling administrative and fiscal affairs for Ohio agricultural research and development center and Ohio cooperative extension service. Without limiting the generality of the foregoing, the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources 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 administrative details and authorization for all expenditures which shall be in accordance with policies and procedures of the Ohio state university. The vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources shall report to the president of the university for all administrative and fiscal affairs and to the provost of the university for academic affairs, including appointment, tenure, and promotion of all faculty.

(C) The principal administrative officials of the office of agricultural administration and executive dean for agriculture, home economics, and natural resources shall be the director, Ohio agricultural research and development center; the director, Ohio cooperative extension service; the dean, college of agriculture and home economics; the director, school of home economics; the director, school of natural resources; and the director, agricultural technical institute. (B/T 12/10/81)

*Rule initiated by board of trustees.
December 10, 1981 meeting, Board of Trustees

MERGER OF OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER INTO THE OHIO STATE UNIVERSITY (contd)

RULES (contd)

3335-5-601 Standing committee on agricultural affairs.*

(A) The standing committee on agricultural affairs shall be appointed by the board of trustees.

(B) The committee shall include:

(1) The director of the Ohio department of agriculture who shall be vice chairman, ex officio with voting rights.

(2) Such other members as the chairman of the board of trustees may designate.

(B/T 12/10/81)

*Rule initiated by board of trustees.

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APPOINTMENT OF STANDING COMMITTEE ON AGRICULTURAL AFFAIRS

Resolution No. 82-52

Synopsis: Appointment of Standing Committee on Agricultural Affairs is being proposed.

WHEREAS pursuant to rule 3335-5-601 of the Administrative Code, provision is made for the establishment of a standing committee on agricultural affairs:

NOW THEREFORE

BE IT RESOLVED, That the following individuals be named as members of the Standing Committee on Agricultural Affairs:

Daniel M. Galbreath, Chairman
John M. Stackhouse, Vice Chairman, Ex Officio
John F. Havens
Chester Devenow, Ex Officio

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

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CHANGE NAME OF MASTER OF HUMANITIES DEGREE TO MASTER OF LIBERAL STUDIES

Resolution No. 82-53

Synopsis: Change name of Master of Humanities degree to Master of Liberal Studies is being proposed.

WHEREAS the previously approved Master of Humanities degree program has been successful in attracting highly motivated, intelligent students who, in consultation with faculty advisors, have developed academically sound master's level programs that do not fit into the regular degree offerings of the University; and

WHEREAS the courses used in the program are existing courses put together in different ways, but always in ways that make programmatic sense; and

WHEREAS the program has never been limited to courses solely in the humanities, but the degree title was chosen because the College of Humanities submitted the original proposal; and

WHEREAS the designation Master of Liberal Studies is more accurate and informative than the present title, and is a designation in wide use at colleges and universities in Ohio and the nation; and

WHEREAS the proposed designation has been approved by the College of Humanities, the Graduate School, and the Council on Academic Affairs:

NOW THEREFORE

BE IT RESOLVED, That the foregoing proposal from the University Senate, which was approved November 14, 1981, be adopted; and

BE IT FURTHER RESOLVED, That this proposal be forwarded to the Board of Regents pursuant to section 3333.04(N) of the Revised Code for approval.

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

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PERSONNEL ACTIONS

Resolution No. 82-54

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Medical Staff Appointments, Leaves of Absence Without Salary, Cancellation of Professional Improvement Leaves, Professional Improvement Leaves, and Emeritus Title are recommended for approval.
RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 6, 1981 meeting of the Board, including the following Medical Staff Appointments, Leaves of Absence Without Salary, Cancellation of Professional Improvement Leaves, Professional Improvement Leaves, and Emeritus Title as detailed in the University Budget, be approved.

Medical Staff Appointments

Effective July 1, 1980

Carl M. Allen, D.D.S.  Attending Staff in Dentistry (General Dentistry)  Assistant Professor

Effective September 1, 1981

Vira Santibhavank, M.D.  Attending Staff in Anesthesiology  Assistant Professor
James Edward Foy, D.O.  Courtesy Staff in Pediatrics  Clinical Instructor

Effective October 1, 1981

Nathan Dappen, M.D.  Limited Staff in Anesthesiology  Clinical Instructor H.S.

Effective November 1, 1981

Paul C. Levy, M.D.  Limited Staff in Medicine (General Medicine)  Clinical Instructor H.S.
Carol F. Owais, M.D.  Limited Staff in General Psychiatry  Clinical Instructor H.S.

Leaves of Absence Without Salary

M ARSHALL W. SWAIN, Professor, Department of Philosophy, effective October 1, 1982 through June 30, 1983, for personal reasons.

A NNE M. PHILBIN, Associate Professor, Department of Art, effective October 1, 1982 through December 31, 1982, to serve as Visiting Professor of Art at the University of Auckland, Auckland, Australia.

K ATALIN I. KORANYI, Assistant Professor, Department of Pediatrics, effective September 12, 1981 through October 25, 1981, for personal reasons.

S HIGERU MIYAGAWA, Assistant Professor, Department of East Asian Languages and Literatures, effective October 1, 1982 through June 30, 1983, to accept a research fellowship from the National Institute of Mental Health for research at Massachusetts Institute of Technology.
December 10, 1981 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Cancellation of Professional Improvement Leaves

HUGO BEKKER, Professor, Department of German, cancel leave approved for Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

RICHARD L. RUDY, Professor, Department of Veterinary Clinical Sciences, cancel leave approved for Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

Professional Improvement Leaves


JOSEPH C. FERRAR, Professor, Department of Mathematics, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

JAMES P. SCANLAN, Professor, Department of Philosophy, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

CHARLES WALLSCHLAEGER, Professor, Department of Industrial Design, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.


SUZANNE C. FERGUSON, Associate Professor, Department of English, effective Winter Quarter 1983 and Spring Quarter 1983.


Emeritus Title

WILLIAM H. R. HOWARD, Department of Radiology, with the title Professor Emeritus, effective January 1, 1982.

Upon motion of Dr. Jacob, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
December 10, 1981 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 82-55

Synopsis: The reports on contracts, grants, and gifts and the summary for October 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 agreements 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 1981, be approved.

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

SUMMARY FOR OCTOBER 1981

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December 10, 1981 meeting, Board of Trustees

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

SUMMARY FOR OCTOBER 1981 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Cheerleaders Scholarship Fund
   (Varsity cheerleaders) $ 10,000.00

The Friends and Alumni of the Ohio-Drake Unions Scholarship Fund
   (Ohio-Drake Unions activities participants) $ 7,000.00

The Class of 1931 Library Fund
   (University libraries) $ 6,500.00

Apiculture Memorial Fund
   (Apiculture program) $ 5,047.00

The Richard Scott Smith Memorial Fund
   (School of Architecture) $ 5,000.00

Report from Presidents Club

Members to date 4,515
1981 members: year to date 130
New members - October 1981 14

New Presidents Club Members - October 1981

Douglas S. Alexander          Thomas E. Kavanagh
Lisa M. Borelli                Elizabeth Minton
Charlene S. Bruce (Mrs. Robert A., Jr.) Christie Minton
Charles L. Clegg               Cynthia Minton
Antonio Colosimo               James Ward
Leslie A. Golan                Dorothy R. Zimmerman
George A. Johnston, Jr.        (Mrs. Richard S.)
Jeffrey L. Jones
Federal Research Contracts/Grants

$381,324.00 - 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 1981 through 30 September 1982. (Project 760081 - Continuation)

$353,037.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support Development Grant, Cancer Research Center (C. J. Cavalaris), 1 September 1981 through 30 June 1982. (Project 761832 - Continuation)

$350,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 1 October 1981 through 30 September 1982. (Project 760914 - Continuation)

$280,000.00 - National Science Foundation, Washington, D. C., Establishment of a Center for Welding Research, Department of Welding Engineering (R. B. McCauley), 1 August 1981 through 31 July 1982. (Project 762389 - Continuation)


$100,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 October 1981 through 30 September 1982. (Project 762363 - Continuation)

$85,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Use of Computer-Aided Testing in the Investigation of Pilot Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 1 October 1981 through 1 July 1982. (Project 762647 - Continuation)

$74,840.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen-Induced Changes in tRNA Metabolism in Human Cells, Department of Physiological Chemistry (R. Trewyn), 30 September 1981 through 30 September 1982. (Project 762404 - Continuation)
December 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$70,773.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller Aero-Acoustic Methodologies - Comparisons of Propeller Performance and Acoustic Analyses with Wind Tunnel and Flight Test Measurements, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 1 October 1981 through 30 September 1982. (Project 761510 - Continuation)

$70,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, EO Device Signature Reduction, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon), 1 October 1981 through 30 September 1982. (Project 762341 - Continuation)


$67,000.00 - National Science Foundation, Washington, D. C., Wave Propagation and Transport in Heterogeneous Media, Department of Physics (D. G. Stroud and B. R. Patton), 15 October 1981 through 31 October 1982. (Project 762926 - Continuation)

$64,510.00 - Department of the Navy, Naval Training Equipment Center, Orlando, Florida, Enhancement of Digitized DMA Data Base by Synthetic Detail, Department of Art Education (C. A. Csuri) and College of the Arts - Administration (R. E. Parent), 30 September 1981 through 30 September 1982. (Project 762896 - New)

$64,000.00 - National Science Foundation, Washington, D. C., Developmental Work on Academic Price Indexes, Office of Finance and Planning (G. W. Baughman), 1 October 1981 through 31 March 1982. (Project 762267 - Continuation)


$58,000.00 - National Science Foundation, Washington, D. C., Development and Expression of Bacterial Viruses in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 November 1981 through 31 October 1982. (Project 761938 - Continuation)
Federal Research Contracts/Grants (contd)

$55,000.00 - National Science Foundation, Washington, D. C., Molecular Studies of Genetic Regulation in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 December 1981 through 30 November 1982. (Project 762490 - Continuation)

$54,733.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, cAMP Inhibition of Macrophage Tumor Cell Cytotoxicity, Department of Medicine (M. S. O'Dorisio), 30 September 1981 through 30 June 1982. (Project 762898 - New)

$51,685.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Thymidylate Synthetase Gene Expression, Department of Biochemistry (L. F. Johnson), 29 September 1981 through 31 August 1982. (Project 762903 - New)


$50,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Clinical Center, Bethesda, Maryland, Normal Volunteers for Participation in Medical Research Projects, Department of Microbiology (A. M. Ackermann-Brown), 1 October 1981 through 30 September 1982. (Project 762907 - Continuation)

$49,991.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Electrocatalysis of Oxygen Using Water Soluble Metal Porphyrins and Chemically Modified Porphyrin Electrodes, Department of Chemistry (T. Kuwana), 1 October 1981 through 30 September 1982. (Project 761254 - Continuation)

$41,905.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Color and Brightness Channels of the Visual System, Division of Sensory Biophysics (C. R. Ingling, Jr.), 30 September 1981 through 29 September 1982. (Project 761926 - Continuation)
December 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$40,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, In Search of a Theoretical Foundation for Quantitative Ultrasonic Measurement of Fracture Toughness, Department of Engineering Mechanics (L. S. Fu), 6 October 1981 through 5 October 1982. (Project 761641 - Continuation)

$38,796.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Characterization of Ohio Limestones to Determine Potential Use in Control of Coal Emissions, Engineering Experiment Station (C. J. Konya), 30 September 1981 through 29 September 1982. (Project 762917 - Continuation)


$35,000.00 - National Science Foundation, Washington, D. C., Comparative Root Structure of Plants, Department of Botany (R. D. Warmbrodt), 1 November 1981 through 31 October 1982. (Project 762885 - New)

$32,358.00 - National Science Foundation, Washington, D. C., Statistical Studies of the Genetic Effects Caused by Population Bottlenecks, Department of Genetics (P. A. Fuerst), 1 November 1981 through 31 October 1982. (Project 762925 - New)

$25,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, College of Administrative Science - Continuing Education (C. J. Slanicka and R. M. Montgomery), 1 October 1981 through 31 October 1981. (Project 761381 - Continuation)

$23,987.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Automated Blast Hole Logging and Design, Engineering Experiment Station (C. J. Konya), 30 September 1981 through 29 September 1982. (Project 762916 - Continuation)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$20,468.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 October 1981 through 10 February 1982. (Project 762594 - Continuation)

$20,000.00 - Department of Health and Human Services, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Development and Validation of an Interdisciplinary Screening Tool, Nisonger Center for Mental Retardation (W. E. Loadman and F. A. Benson), 1 October 1981 through 30 September 1982. (Project 762390 - Continuation)

$19,736.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthetic Organic Chemistry, Department of Chemistry (L. A. Paquette and A. A. Leone), 1 October 1981 through 30 September 1982. (Project 762900 - New)

$19,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunobiology of Boronated Monoclonal Antibodies, Department of Pathology (R. F. Barth and C. W. Johnson), 1 October 1981 through 30 September 1982. (Project 762893 - New)


$15,810.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Develop a Communications Office and Cancer Information Service, Cancer Research Center (D. S. Yohn), 19 September 1981 through 15 November 1981. (Project 761352 - Continuation)

$13,075.00 - National Science Foundation, Washington, D. C., Microcomputers in Mechanical Engineering Undergraduate Education, Department of Mechanical Engineering (K. Srinivasan), 15 October 1981 through 31 March 1984. (Project 762910 - New)

$12,482.00 - Department of Education, Rehabilitation Services Administration, Washington, D. C., Rehabilitation Services Administration Training Program, Department of Communication (E. J. Hardick), 1 September 1981 through 31 August 1982. (Project 760885 - Continuation)
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 the Army, Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Soil Studies in the Coastal Plain of the Arctic National Wildlife Refuge in Alaska, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 9 October 1981 through 1 June 1982. (Project 762905 - New)

$8,400.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies of the Distribution, Disposition and Metabolism of Antineoplastic Agents, College of Pharmacy (L. Malspeis), 15 September 1981 through 14 September 1982. (Project 761876 - Continuation)

$7,777.00 - Department of Agriculture, Office of International Cooperation and Development, Washington, D. C., Cooperative Research Linkage for The Ohio State University, Ohio Agricultural Research and Development Center and The University of Sao Paulo, Brazil, International Programs in Agriculture (H. D. Bauman), 1 September 1981 through 31 August 1982. (Project 762420 - Continuation)

$5,000.00 - National Endowment for the Arts, Washington, D. C., Visual Artists in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1982 through 31 December 1982. (Project 762909 - Continuation)

$3,156.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, Detection of DNA Damage Following Exposure to Genotoxins, Departments of Pharmacology and Radiology (S. M. D’Ambrosio) and Department of Medicine (R. Whisler), 1 September 1981 through 31 August 1982. (Project 762787 - Continuation)

$1,085.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Laboratory Reconstruction of Pedestrian Accidents, Department of Mechanical Engineering (D. A. Guenther), 1 July 1981 through 30 June 1982. (Project 762888 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $3,105,525.00
December 10, 1981 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)

$75,000.00 - State of Ohio, Department of Mental Retardation Developmental Disabilities, Columbus, Ohio, Continuing Education for Child Care Professionals, Nisonger Center for Mental Retardation (M. J. Guralnick), 28 September 1981 through 28 July 1982. (Project 762895 - New)

$22,560.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, A Study of Factors Influencing the Enrollment of Males in Secondary Vocational Education Programs Not Traditional for Their Sex, Department of Agricultural Education (J. A. Knight), 14 October 1981 through 31 July 1982. (Project 762921 - New)

$9,850.00 - State of Ohio, Department of Health, Columbus, Ohio, Comparing Regulatory Decisions Under the 1122 and the CON Project Review Procedures, School of Allied Medical Professions (P. C. Nutt), 1 October 1981 through 30 September 1982. (Project 762901 - Continuation)

$7,500.00 - State of Ohio, Department of Health, Columbus, Ohio, MCH and CCS/SSI Nutrition Materials Development, Nisonger Center for Mental Retardation (B. W. Kozlowski and M. J. Guralnick), 15 September 1981 through 30 June 1982. (Project 762902 - New)

$3,900.00 - Ohio Arts Council, Columbus, Ohio, Support for Great Artist Series at Mershon Auditorium, Mershon Auditorium (T. Van Leer), 1 October 1981 through 31 May 1982. (Project 762913 - New)

$600.00 - Ohio Arts Council, Columbus, Ohio, Support for Performance of the Paul Taylor Dance Company at Mershon Auditorium, Mershon Auditorium (T. Van Leer), 12 January 1982 through 14 January 1982. (Project 762914 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 119,410.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$471,119.00 - University of Cincinnati, College of Medicine, Cincinnati, Ohio, Area Health Education Centers (AHEC), College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1981 through 30 September 1982. (Project 762889 - Continuation)

December 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$49,306.00 - The Dow Chemical Company, Midland, Michigan, Synthetic Catalysts with Enzyme-Like Properties, Department of Biochemistry (G. P. Royer), 1 June 1981 through 31 May 1983. (Project 762759 - New)


$29,992.00 - Forsvarets Materielverk, Stockholm, Sweden, Computation of the Performance of an Element Antenna Array Mounted on an Aircraft, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 6 July 1981 through 31 December 1981. (Project 762780 - New)

$29,987.00 - Ford Aerospace and Communications Corporation, Western Development Laboratories Division, Palo Alto, California, A Frequency Sensitive Surface (FSS), Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 16 July 1981 through 16 November 1981. (Project 762883 - New)

$29,427.00 - The Parker B. Francis Foundation, Hanover, New Hampshire, Application for Fellowship in Pulmonary Research, Department of Medicine (M. E. Whitcomb), 1 July 1981 through 30 June 1982. (Project 761553 - Continuation)

$18,238.00 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Enhancement of the Decision Support System, Academic Faculty of Management Science (D. A. Schilling), 28 October 1981 through 31 December 1982. (Project 762923 - Continuation)

$12,778.00 - The Columbus Foundation, Columbus, Ohio, Alfred L. Willson Conference on Problem Prevention in Early Youth, Academic Faculty of Educational Administration (L. L. Cunningham), 1 November 1981 through 31 October 1982. (Project 762911 - New)

$12,750.00 - Princeton City School District, Cincinnati, Ohio, Alternative and Recommended Elementary School Housing Plans for the Princeton, Ohio, City School District and Comparative Studies of Staffing, Cost and Program Provisions of Each Plan, Academic Faculty of Educational Administration (L. H. Wagstaff), 1 August 1981 through 31 July 1982. (Project 762915 - New)

$12,741.00 - Colorado State University, Fort Collins, Colorado, Pathogenesis of Animal Leukemia, Department of Veterinary Pathobiology (J. L. Rojko), 1 September 1981 through 31 October 1981. (Project 762840 - New)
December 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$12,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 October 1981 through 31 December 1981. (Project 761965 - Continuation)


$9,981.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, School of Architecture - Administration and Department of City and Regional Planning (S. I. Gordon), 1 September 1981 through 31 August 1982. (Project 762906 - New)


$8,890.00 - Cedars-Sinai Medical Center, Los Angeles, California, Cooperative Clinical Trial on the Dissolution of Gallstones by Bile Acid Feeding, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1981 through 31 August 1982. (Project 762380 - Continuation)

$8,000.00 - City of Columbus, Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 1 July 1981 through 30 June 1982. (Project 760790 - Continuation)

$8,000.00 - International Labor Organization, Bangkok, Thailand, Thailand Professional Development and Educational Leadership Project, College of Education - Administration (J. J. Buffer), 1 October 1981 through 30 November 1981. (Project 762924 - New)

$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Intraocular Chorioretinal Resection as a Treatment for Choroidal Malignant Melanoma: An Animal Model, Department of Ophthalmology (F. H. Davidorf), 1 October 1981 through 30 September 1982. (Project 762886 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$5,997.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Environmental Factors and Wilms' Tumor, Department of Preventive Medicine (J. R. Wilkins, III), 1 October 1981 through 30 September 1982. (Project 762887 - New)

$5,000.00 - China Council, The Asia Society, Inc., New York, New York, “Outreach” Program of Information Diffusion, Speaker Series, Film Series, and Other Community Oriented Activities, University Center for International Studies and Department of Political Science (D. M. Lampton), 1 April 1981 through 31 March 1982. (Project 761026 - Continuation)

$2,000.00 - Cuyahoga Community College District, Cleveland, Ohio, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1981 through 30 June 1982. (Project 761599 - Continuation)

$1,493.00 - Franklin County Mental Health Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. Benson), 1 January 1981 through 31 October 1981. (Project 762450 - Continuation)

$1,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Neural Control of the Peripheral Circulation, Department of Physiology (J. Boulant and D. O. Nelson), 1 August 1981 through 31 August 1981. (Project 762096 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 898,710.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$110,323.00 - various industries for 33 development projects under the direction of eight engineering departments and one research area.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$35,309.00 - Mrs. Horatio Ebert, Boca Raton, Florida (1,139 shares of Rubbermaid, Inc., stock), for Cancer Research Fund.

$24,631.64 - The Grand Chapter of Ohio, Order of the Eastern Star, Danville, Ohio, for Cancer Research Fund.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of $5,000 or More (contd)

$17,000.00 - Grange, Columbus, Ohio, for WOSU Support Fund.

$10,000.00 - Dr. Dorothy J. Knull, Columbus, Ohio, for Josef N. Knull Memorial Fund in Entomology.

$10,000.00 - Union Carbide Corporation, Tarrytown, New York--$5,000.00 for Union Carbide Corporation Fellowship and Grant-in Aid Fund in Chemical Engineering and $5,000.00 for Union Carbide Fund.

$7,500.00 - Ohio Turfgrass Foundation, Columbus, Ohio, for Bio-Catalytic Soil Conditioners Research Fund.

$7,500.00 - The Leo Yassenoff Foundation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$6,085.35 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Trust.

$5,000.00 - The Duriron Company, Inc., Dayton, Ohio, for Duriron Company Metallurgical Engineering Scholarship Fund.

$5,000.00 - Walter and Marian English Foundation, Columbus, Ohio, for Photography Gallery Development Fund.

$5,000.00 - The N. C. R. Foundation, Dayton, Ohio, for The Ohio State University Campaign for China Exchange.

$5,000.00 - Peat, Marwick, Mitchell and Company, Columbus, Ohio, for Peat, Marwick, Mitchell Discretionary Fund.

$5,000.00 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

OFFICE OF HEALTH SCIENCES

Establishment of Named Funds

The Ohio State University College of Optometry Progress Fund

The Ohio State University College of Optometry Progress Fund was established December 10, 1981, by the Board of Trustees of The Ohio State University with funds made available from The Ohio State University Optometry Clinic, to receive gifts from alumni and the public.
December 10, 1981 meeting, Board of Trustees

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

OFFICE OF HEALTH SCIENCES (contd)

Establishment of Named Funds (contd)

The Ohio State University College of Optometry Progress Fund (contd)

These funds and any subsequent gifts are to be invested 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 aid the instructional and research programs in the College of Optometry, with priority given to those activities which will improve clinical instruction and practice. In the event that, with additions, the endowment becomes sufficiently large, it may also be used to help fund a professorship or chair. The income from this fund is specifically not to be used for scholarships or fellowships. The Vice President for Health Sciences and the Dean, College of Optometry, 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 optometric education and research.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Cheerleaders Scholarship Fund

The Cheerleaders Scholarship Fund was established December 10, 1981, by the Board of Trustees of The Ohio State University with the award for winning the National Collegiate Cheerleading Championship by the 1980-81 Ohio State University Cheerleading Squad.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 one or more undergraduate students actively participating in varsity cheerleading. Students who have demonstrated academic ability and the need for financial assistance should receive first consideration. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Director of Athletics. If, in any year, there are no applicants for this award, the income may be used at the discretion of the Director of Athletics.

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 University who is then directly responsible for intercollegiate athletics.
December 10, 1981 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 Friends and Alumni of the Ohio-Drake Unions Scholarship Fund

The Friends and Alumni of the Ohio-Drake Unions Scholarship Fund was established December 10, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and alumni of the Ohio Unions.

All gifts are to be invested 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 scholarships for students participating in Ohio-Drake Unions’ activities who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Director of the Ohio Unions in cooperation with the University Scholarship Committee and the Board of Governors of the Ohio-Drake Unions Activities Alumni Association.

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 Ohio Unions’ activities.

The Class of 1931 Library Fund

The Class of 1931 Library Fund was established December 10, 1981, by the Board of Trustees of The Ohio State University with gifts from members of the Class of 1931 in honor of the 50th anniversary year.

All gifts are to be invested in the University’s permanent funds, under the rules and regulations adopted by the 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 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 10, 1981 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Apiculture Memorial Fund

The Apiculture Memorial Fund was established December 10, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from interested persons and from the estate of William A. Stephen, 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 the Apiculture program in any one or all of Resident Instruction, Research and Extension through the Discretionary Fund of the Dean of the College of Agriculture and Home Economics. Use of the funds is to be determined annually by a joint committee consisting of the Dean of the College of Agriculture and Home Economics, the Chairman of the Department of Entomology, and the Senior Professor of Beekeeping. Any income not used in a given year will be added to the principal to increase the amount available for use in succeeding years.

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 Dean of the College of Agriculture and Home Economics.

The Richard Scott Smith Memorial Fund

The Richard Scott Smith Memorial Fund was established December 10, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends of Mr. Richard Scott Smith of New Canaan, Connecticut.

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 awarded to one or more students in the School of Architecture. Recipients will be determined by the established procedures within the School of Architecture, with preference given to students with demonstrated financial need and leadership qualities.

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 School of Architecture.

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December 10, 1981 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 82-56

Synopsis: Plans and specifications are being proposed for the following projects.

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

UNIVERSITY HOSPITAL RECEIVING DOCK MODIFICATIONS

Project: Replace deteriorated dock, install additional covered dock and replace housing for refuse conveyor and compactor controls.

Funding: Budget Account 885105

Estimated Project Cost: $94,185.00

WOODRUFF AVENUE, REPAIR/REPLACE CURBS AND SIDEWALKS

Project: Repair of curbs and sidewalks on the north side of Woodruff Avenue from Neil Avenue to High Street. This is necessary due to deterioration.

Funding: Budget Account 210134

Estimated Project Cost: $35,500.00

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 Administration 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. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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December 10, 1981 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUND
Resolution No. 82-57

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 Administration 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:

BULK CHEMICAL WAREHOUSE

Description: This project will provide space to house a bulk chemical warehouse, laboratory reagent manufacturing facility, and a low-level radioactive waste processing facility to prepare the materials for shipment to disposal sites in accordance with Federal and other regulations.

General Contract

| Date Received: | October 8, 1981 |
| No. of Bids:   | 14             |
| Low Bid:       | $ 558,900.00   |
| High Bid:      | $ 743,998.00   |
| Estimate of Cost: | $ 732,064.00 |
| Awarded to:    | M & P Construction Company, Inc., Blacklick, Ohio |

Plumbing Contract

| Date Received: | October 8, 1981 |
| No. of Bids:   | 11             |
| Low Bid:       | $ 109,500.00*  |
| High Bid:      | $ 160,000.00   |
| Estimate of Cost: | $ 87,069.00 |
| Awarded to:    | A-1 Plumbing and Heating, Inc., Columbus, Ohio |

*Plumbing 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.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)

BULK CHEMICAL WAREHOUSE (contd)

Fire Protection Contract

Date Received: October 8, 1981
No. of Bids: 5
Low Bid: $ 98,450.00*
High Bid: $ 168,335.00
Estimate of Cost: $ 94,626.00
Awarded to: Fire and Safety Equipment Company, Washington Court House, Ohio

Heating, Ventilating and Air Conditioning Contract

Date Received: October 8, 1981
No. of Bids: 10
Low Bid: $ 218,800.00*
High Bid: $ 262,000.00
Estimate of Cost: $ 172,154.00
Awarded to: Radico, Inc., Columbus, Ohio

Electrical Contract

Date Received: October 8, 1981
No. of Bids: 9
Low Bid: $ 198,975.00*
High Bid: $ 256,874.00
Estimate of Cost: $ 197,496.00
Awarded to: Meisner Electric, Inc., Dublin, Ohio

*Fire Protection, HVAC, and Electrical 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.
REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUND (contd)

BULK CHEMICAL WAREHOUSE (contd)

Total All Contracts: $1,184,625.00
Total Contingency Allowance: $49,401.12 which is 4 per cent of construction contract
Total Project Cost: $1,382,600.00
Funding: Budget Account 882046

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 a contingency fund for the project listed above are hereby reported.

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

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AUTHORITY TO ACQUIRE TITLE TO GIFTS
Resolution No. 82-58

Synopsis: Authority to acquire title to gifts is requested for the month of December, 1981.

WHEREAS The Ohio State University Development Fund has had inquiries from potential donors who are considering making gifts to the University prior to December 31, 1981; and

WHEREAS the next meeting of the Board of Trustees will not be until after December 31, 1981:

NOW THEREFORE

BE IT RESOLVED, That the Chairman of the Fiscal Affairs Committee of the Board of Trustees and the President and/or Vice President for Business and Administration be authorized, during the period from December 1, 1981 through December 31, 1981, inclusive, to acquire title in the name of the Board of Trustees to such gifts that they determine, after appropriate review and evaluation, to be in the best interest of the University; and

BE IT FURTHER RESOLVED, That such gifts made on or before December 31, 1981, be accepted as gifts to the University through the Development Fund from the respective donors; and
December 10, 1981 meeting, Board of Trustees

AUTHORITY TO ACQUIRE TITLE TO GIFTS (cont'd)

BE IT FURTHER RESOLVED, That these gifts be reported to the Board of Trustees at its next meeting.

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

President Jennings:

In association with this action, while all the details have not been worked out yet, we do have at this stage—we will be announcing very shortly that Mr. William H. Davis, prominent Columbus businessman and philanthropist, will be providing an additional $250,000 to the College of Medicine. This is a continuation of his previous donations for the William H. Davis Scholarship Fund for Basic Medical Research, and I would just like to recognize Mr. Davis' great contributions to The Ohio State University at this stage. It is gifts of that nature that represent the margin of excellence for this University. We will get the legal activity worked out in the next few days, and with this authority we will be able to accept this gift before the close of this calendar year.

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REPORT - SITE LOCATION FOR CANCER INSTITUTE HOSPITAL

President Jennings:

We do have one more report. As you know, the legislature recently passed the Capital Budget for Ohio State amounting to $90 million. We would like to get on with those individual projects and one of the major projects is the Cancer Hospital. I would like at this stage for our people to present to you some of the basic concepts they are dealing with right now in terms of location of that Cancer Hospital. This is very preliminary work at this stage, and this same material will be presented to the Hospital Board next week for their recommendation to you. But I thought it worthwhile at this stage to present to you some of the preliminary thinking on this so that we might be able to move forward on this at the February meeting after we have received recommendations from the Hospital Board. Dr. Cramblett, perhaps you could get us started on the locational aspects of this Cancer Hospital.

Dr. Cramblett:

Mr. Chairman and members of the Board, Mr. Curtis Inscho, who has been the principal architect for many of the projects in the Health Sciences Center, has done considerable staff work for us in looking for potential sites. Obviously the siting of the Cancer Hospital will impact the program and the program requirements will impact the siting. So it is a terribly important decision to be made. I would like to introduce at this point Mr. Inscho for presentation; Mr. Hahn, who is assistant vice president in our office, who will also assist with the presentation.
December 10, 1981 meeting, Board of Trustees

REPORT - SITE LOCATION FOR CANCER INSTITUTE HOSPITAL (contd)

Mr. Inscho:

I feel a little humble after that presentation from computer graphics. I would like to evidence the fact that I'll be the first student in the class when you organize those. I would like very much to be able to take this Cancer Hospital and by flipping a switch, move it all over campus. If I were to draw it that way, believe me, it would take me the next ten years, and then impossible almost to have it this way. So, we're back to the olden days of presentation, some visual supports I think might be of some help to you. First of all, I imagine you're pretty well oriented, Neil Avenue here, University Hospital, Rhodes Hall here, Upham Drive, Cannon Drive, the parking ramp, University Hospital Clinic, Means Hall, Upham, Postle, Starling-Loving, the Library and the Administration Building. So we are talking about this general area as potential sites or places for the Cancer Hospital. I tried to set up, and I'm going to go very briefly through this so that if you have any questions or things that I'm missing or more information you want on any particular site, please don't hesitate to interrupt me.

Basically starring some eight major considerations with regard to the location of the Cancer Institute Hospital:

1. Public visibility.

2. Pedestrian and vehicular access.

3. Availability of parking.

4. Direct access to hospital facilities. Perhaps I should expand on that just a little bit to tell you what I mean. In Rhodes Hall and University Hospital, the center complex here, we feel are already existing with sufficient capacities for receiving, storage, food service, administrative areas, and certainly the big diagnostic areas of the 2nd, 3rd, and 4th floors housing the radiology department, laboratories, pharmacies, surgeries, and that type of facilities. These are all vitally important to the Cancer Hospital itself, and certainly in the way of economics we don't want to have to duplicate them, nor really could we within the budget we have in a Cancer Hospital, be it located wherever. So, as close to or adjacent to--as near as we can get the Cancer Hospital and its functions to those facilities already existing, and sufficient to handle the additional load, the better off we are. So, that becomes then a very important one, I think, a direct access to the hospital facilities.

5. Disruption during construction. I think it is also an important one. Primarily I think that was capitalized in this group to show the hospital I am concerned--or whoever is going to do this job should be concerned--with what we're going to do to the day-to-day operations of that hospital while all of this is going on. It's a four to five year program from now until the time we have patients in that building. So that anything that's going on in a way that would totally disrupt the operation of the hospital would be a very serious thing.
Mr. Inscho: (contd)

6. Access to Radiation Therapy. Radiation Therapy, as you know, is a part of that Capital Improvements Budget--the funds are available for planning only. But, we feel that there is a very direct relationship with the Cancer Institute Hospital and the new facility proposed for Radiation Therapy, so that we may hopefully--those two projects can be designed together, if not built together, but certainly wind up together. The patients in the Cancer Hospital and also the research and diagnostic facilities, and the treatment for outpatients and so on are thoroughly dependent upon the Radiation Therapy facilities being adjacent to them.

7. The effect on the project cost of the location. I mentioned the duplication of expensive services, and certainly those things I mentioned, of laboratories, surgeries, radiology departments, and so on are the really most expensive part of most any hospital. So it does have an effect on cost.

8. Adequacies for future expansion is important because there isn’t any doubt in my mind, and I’m sure none of the other people’s, that once this center is established, that it will be drawing and it will be enlarging, it will be increasing, and one of these days there will have to be additions to it. So the site itself should have the capacity for expansion. Those are the major considerations. There are hundreds more.

Now in order to arrive at the sites, we quickly identified five or six sites, or potential locations for this project. And, of course, the first thing that had to be done as far as I’m concerned, is to decide how much space are we talking about, how much area is this building actually going to take. So we took a Cancer Hospital with no attempt to design the building—that’s not my charge; my charge is that, to select a site. But it is pretty difficult to have a site consideration without knowing what kind of building you are going to have, or the size. We did develop what we thought would be necessary for a typical patient floor. We’ll probably have five of them or so, but that typical patient floor, housing the nursing facilities for the patients, created the basic size overall of the building. That was determined to be about 18,000 square feet. So, as you work down, that building requires a minimum of siting of 18,000 feet on the ground. So, with that in mind, we began to analyze the various sites we thought were worthy of consideration to see what would happen.

So we come back to Site No.1, which is located just west of Rhodes Hall, south of Means, and north of the Clinic, east of the parking ramp. You are familiar, I am sure, with that particular area. Now, 10th I think runs through there. It is the emergency entrance to Rhodes Hall; it comes around through here, underneath. So in just taking that, this area No.1, very quickly, a ground floor unit--here again is the Clinic, Means Hall, Rhodes Hall, the parking ramp. In order to get our
Mr. Inscho: (contd)

18,000 square feet building into there, we would go literally from University Clinic to Means Hall, and pretty much a big hunk of that space, requiring the elimination of the road through, we can take the emergency entrance and roads down around this way to get by that problem, but it does close that entire space.

You say, ‘Well, what kind of an outlook do we have if we have a patient floor area here?’ We’re looking really at the back end of the Clinic. The Clinic now is a six story building; it was designed and planned for five additional floors, bringing it up to eleven floors, which is the height of Rhodes Hall and University Hospital. So here we would be just too crowded in that particular place. It just isn’t the area. So that is one of the major things, the public visibility, you can say, fair, from Upham Drive along here it has good visibility from the parking ramp, adjacent to that, that part of it would work out fine, the direct access to the hospital facilities, it exists now from Means Hall across to Rhodes Hall on the second floor. There is a bridge across the roof of Rhodes Hall, if you recall, or remember. We would have to then build additional levels of bridges to connect to Rhodes Hall to satisfy the movement of patients from the Cancer Hospital to Radiation Therapy or to Radiation Therapy and X-ray departments existing on the second floor of Rhodes, and certainly the fourth floor surgeries and so forth. So probably the effect on the cost of this particular site versus someplace immediately adjacent or some other site, would be the cost of bridges, perhaps at two or three levels.

Go back to the Site No. 2, which is up in this area. We have, and these are very schematic, very quick things but I think they will show you what our thinking is up to now. There are many more details later that we will go over, but we’ll let that go till another time, or if you wish, I’ll be available from now on to discuss any one of them in more detail that you would like. If we take Site No. 2, between Bioscience-Wiseman Hall, north of Upham, and north of 12th Avenue, now a parking lot. There is adequate ground there. Again, the public visibility off of 12th Avenue could be (it’s an independent building); it has its own architectural identity as such, or could. And come back to the traffic, the parking would be adequate, satisfactory. Now, again, that access to the hospital, access to the existing facilities right here, this piece of ground is ten feet lower than this; it is twenty feet lower than out in front of Rhodes, so we are down on lower levels, so we would have to build above ground bridge connections, from this building down to this building, through the University Hospital in order to get in and utilize all the services we have already constructed. So this does create a rather sizable additional project cost, ranging anywhere from a million to two million in the building of those bridges, bridging 12th Avenue and so on. It’s quite a haul for everything. If we’ve concentrated all of the activities within the hospital and they are sufficient in size and area, to accommodate this building, we’ve got a long walk. The laboratory technicians who are going for blood samples, make that walk. The patients make that trip going and coming from surgery. So it just seems to me a little too far out.
December 10, 1981 meeting, Board of Trustees

REPORT - SITE LOCATION FOR CANCER INSTITUTE HOSPITAL (contd)

Mr. Inscho: (contd)

Now there have been many suggestions, and I got to admit that my first attempt to tackle this problem started off in Site No. 3. Why? It is right adjacent to the north end of the University Hospital. Boom, just feed right into it—totally. However, the more you get into it, the more problems I’ve found. Let me tell you just a few of them. First of all, as you know this is our receiving dock. A receiving dock right now comes off of 12th Avenue in here and into this whole area. There’s a loading dock all the way across here. This is the receiving, storage, linens, all types of receiving comes in off this dock. Right now (we have found this out a few years ago) when we were making some studies of utilization of existing University Hospital, that there was already a tremendous shortage of receiving-storage type space, particularly all in one spot. There is a lot of storage, but it is sort of scattered all over. So if we attempt to build here, we have wiped out our receiving and loading dock areas in order to build a building in here. So we say, ‘Okay, let’s leave that in here, and we’ll build on top.’ Well, now what we have done, we’ve increased the scope of our project not only to include a Cancer Institute Hospital, but we’re also going to create a receiving area, loading docks, maintenance shops; things that are not very glamorous when you think of hospitals and hospital buildings. But believe me, the shop activities, the storage and receiving of supplies, is unbelievable, so we have to recognize it as an important part of a function of a hospital. So I don’t think we can ignore that.

The planning that we tried to do within that area in order to say, ‘Can we get it in there?’ Well, yes, we can get it in there. You can do almost anything these days, but what would happen? Well, we would have our entrance to the Cancer Hospital; this is a ground floor on the back side entrance to the Cancer Hospital from 12th Avenue on the north. These are the additions to Radiation Therapy which I mentioned before so that up on the first floor, we would have the outpatient departments over the cancer area. We come to the second floor; again, outpatient treatment, research-type facilities of cancer, this would be additions to Radiation Therapy adjacent to the second floor of Rhodes Hall, which has all of our X-ray department here.

Then the tower of the patient tower would rise at this particular location. So thinking now that we have five or six floors of patients and where is their vision? Out here to the back end of the hospital here, 20-30 feet across the fence here, 30 feet across the fence over here, and we are looking to sit on top of the loading docks, looking in the back end of Upham and Means Halls. So looking from the standpoint of public visibility, I think it leaves a lot to be desired.

And immediately, somebody coming to the Hospital—and it seems to me that every time I walk anywhere near around that area, I get stopped at least twice by people saying, ‘How do I get to someplace?’ And it isn’t easy to answer that. I’ve tried and I direct and so on, but what would I say here; I’d say, ‘It’s around back.’
December 10, 1981 meeting, Board of Trustees

REPORT - SITE LOCATION FOR CANCER INSTITUTE HOSPITAL (contd)

Mr. Inscho: (contd)

Now, I'm out in the front of Rhodes--where is the Cancer Hospital? It's around in back. I don't think that quite has the visibility, the public visibility, that a building of this magnitude should have. So I kind of got away from this thing as not a workable solution at all to our problem. We're not only increasing our scope of our project, thus reducing the amount of money available for the Cancer Center, but I think we have it oriented in such a way that it's just not acceptable for a major project of this type.

Well, then we are back to No. 4 and No. 5 which is the next logical step. We've hooked on to the back of the University Hospital. This is what we call a north wing. It stops right here. This area is eleven stories high. This is two stories. Let's go out from here so we have a connection in here, and we connect on eleven floors if we want to. So we go on the back end. Then, we say, 'Well, let's go to the extreme and eliminate 12th Avenue going through--take 12th Avenue and turn it up someplace else; deadend 12th Avenue back in here--so that we could physically connect the existing hospital to the new hospital.' What does that do for us? Well, all right, here is our 18,000 square feet. This is no problem. We can get it into there. We can expand our Radiation Therapy potentially when that money comes along, and certainly, the planning, again, as I say, should be done together right adjacent to the existing Radiation Therapy. We've got a nice separate entrance for outpatients coming into Radiation Therapy. That's good; there is a lot of it. We've got an entrance coming down 12th Avenue to get into the Cancer Institute Hospital. (Neil Avenue is right here, so where we are is at this site). So if our main entrance, you say, 'Where is the Cancer Hospital?' Well, you go up Neil and you turn in 12th and there it is back there. There is a turnaround and you can go back out or you can go back in here. But we're in here between Wiseman, Water Resources, the Greenhouses (which are here to actual scale as they are). This is Postle Hall which is Dentistry. Right here is the trash pick-up area of Postle Hall, the back of Postle. This is the only place we had to get into and out of the Cancer Hospital. So, again, I think the public visibility of around back there is kind of lost because our Hospital is down here. Here's our main entrance and somehow or other it should be developed into and tie into it.

So, then we say, 'Well, if we left 12th Avenue and let's just put a little hook in 12th Avenue and connect it back here so that it sort of sits back there as a separate entity and doesn't just make this long string that we had on the other drive.' Leave 12th this way and let 12th Avenue go all the way through so you get to the building from this end or this end, which gives it a little better, I think, reflection and connotation than back over here coming in only from Neil so we can get in from both sides.

Again, if the building were here, we'd have a turnaround out here and so forth. In here would be the Radiation Therapy additions--again in here. If this building were here sited, for example--and don't worry too much about the shape, it's a block of 18,000 feet--actually it's a couple of nursing units here, but that's a detail for the physical planning of those buildings which is going to come along at a later date.
But the distance to travel—where we want to get to is here at Broad and High for connections. This is the existing elevator bank in the east area of University Hospital; present entrance of University Hospital over here; entrance to Rhodes over here. The services we are talking about is in this particular area; most of them oriented to entry at this end. So if we make the comparison here—so we’re talking distances, and this brings in bearing Site No. 5, so that this building sited here adjacent to the east end of University Hospital gives you a direct flow from there to the working areas of University and Rhodes. Now, surgeries, the entrances that are in here—can get in here; radiology, the same way; laboratories and all of those things, so that your access is rather direct across there. You get the same direct access back here except that it is a couple hundred feet shorter or longer back here.

So these were the major concerns with these five sites that we’ve identified here, or six. We had a look—I didn’t bring any drawings because I didn’t think it would do anything that some of these others we haven’t talked about. The big problem down here or anywhere in this area is, again, the connections and the getting up to the main parts of the one utilized. Somebody says, ‘Let’s go across the river.’ If—or back down west of Cannon, anywhere—if we go anywhere down there, it means almost automatically duplicating $20 million worth of services that we’ve already got here. Now that sounds like a fantastic figure, but believe me, when you start building food services, laboratories, pharmacies, X-ray departments, surgeries, and all that type of thing, we’re talking about an awful lot of money. And it just isn’t in the cards that we walk away from that which we have in adequate supply, and I’m not sure on the programming of Rhodes, but I think George could verify the fact that in the original planning of those buildings were the increased capacities, able to take care of the new cancer unit, because we have been talking about this for years. So that these facilities are here and it just doesn’t make any sense to walk away and leave them there.

So we go from there to say, ‘Well, what would happen in this area?’ We’re all concerned as we should be with green areas and green spaces. We’ve got a real nice one in front of—north of—Hamilton, Starling-Loving, and south of Postle—this area right here. It is very nice. I think it could be better, but it’s real nice right now. It’s green and there are lots of trees. The identity of this building—and at the time we were doing these drawings, we did not have a program, a program had not been developed; they’ve been working on one. I’ve seen a draft of that program within the last week or two, and it doesn’t change, as far as I’m concerned, that basic area of the 18,000 feet roughly, and some of the emphasis on entrance and service and the delivery of outpatients who come into these particular treatment facilities for treatment, maybe as much as three or four times a week for an hour, for maybe thirty treatments. So you will have outpatients coming in almost continuously. So they should be able to get into these facilities and out, not through the front door. So it’s pretty important to have the circulation. Ingress
December 10, 1981 meeting, Board of Trustees

REPORT - SITE LOCATION FOR CANCER INSTITUTE HOSPITAL (contd)

Mr. Inscho: (contd)

and egress have been studied out pretty thoroughly, and it will be done later on in the physical planning. This would say this building, in that shape as you remember, again opened up on the first floor similar to Rhodes, similar to the Library, so you do get some vision through it. So we are trying to relate this to be a part of University Hospital, but a separate entity; then you could have the entrance or the access to this or so reflect some of Postle, and I think it’s important to think of the future expansions of these areas. I mentioned that the Clinic was designed to accommodate five additional floors. This Library is designed to accommodate two additional floors; this little area of optometry is designed for five additional floors; this new--the latest wing of Postle Hall is designed for two additional floors. So that some of the expansion of the areas around here are not going to be horizontal; they’ll be vertical. And I think that’s good because that doesn’t eat up any more of our green or our land spaces. So basically this is the areas that are developed around the potential sites that we have available. Now, let me quickly stop for a minute and what can I tell you more--and I could spend, believe me, a few more hours if you wanted to get into more details.

Mr. Devenow: I don’t think we do.

Mr. Inscho: I’m sure you don’t.

Mr. Devenow:

I want to thank you very much. It is quite a problem, and, Jim, we’ll be looking to the Hospital Board for recommendations on this thing. I think they ought to get into detail, it’s too complex for us to get into at this point.

Mr. Hilliker: That Board you don’t have to worry about. They’ll give them the details.

President Jennings:

Well, I think that, Mr. Chairman, very important that the Hospital Board is looking into that, and we need to share this with the entire community as the Hospital Board begins to look at that. This, of course, is going to be one of the major projects in the years to come. But it is also going to be one of the major national centers for research in cancer, our most dreaded disease, and I think that constructing a building here we are setting the stage for a center of excellence that is going to be unmatched in the nation and perhaps in the world. I think as we get down on this all the work, it will be long and complicated, but it is going to be worth it in the long run when we have the center of excellence.

Mr. Devenow: Thanks very much.

President Jennings:

Do you have anything else, Mr. Chairman? That concludes my report.

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December 10, 1981 meeting, Board of Trustees

STATEMENT BY CHAIRMAN OF BOARD OF TRUSTEES

Mr. Devenow:

I would like to make a statement before I ask for the adjournment. When Dr. Jennings came to The Ohio State University on September 1, he brought to the presidency an outstanding record as educator and administrator, and a demonstrated capacity for excellence and professional achievement. In recognition of the importance of this appointment, the formal conferring of authority on Dr. Jennings as the tenth President of The Ohio State University at an appropriate occasion is a matter which deserves the attention of not only this Board but of all members of the University community as well as the various other constituent groups.

In keeping with the history and traditions of colleges and universities, it is the wish of this University to entrust the Office of President to Dr. Jennings in a formal public setting and with ceremonial proceedings judged to be consistent with the customs and traditions of the academy.

In discussing this matter with the President, we have agreed that the ceremony for his investiture should take place during the week of March 8, 1982. So that we may move forward with the development of the requisite and necessary plans for this most important occasion, I am asking that the Secretary of the Board of Trustees serve as the designee of this Board to work with the President and any committees as may be appointed by the President to coordinate this effort. I would like to have your concurrence for this Board to specify that funds to defray expenses in connection with the President's inauguration shall be made available from the unrestricted endowment accounts of the University.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

President Jennings:

Mr. Chairman, I would just like to say, in connection with that inauguration I have asked the Search Committee that you appointed on recommendation of the University Senate to act as the committee on that inauguration. And I want to say I certainly appreciate this Board's recognition and support in the context of establishing a date for the inauguration as well as the salary decision you made a few moments ago. I, for one, thank you for that and am very much appreciative of your support as we tackle some of these major problems in the institution.

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RESOLVED, That the report on the University’s Investment Portfolio, dated November 20, 1981, 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 5, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
Page 340 is blank
The Board of Trustees met at its regular monthly meeting on Friday, February 5, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
February 5, 1982 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

REPORT - THE NATIONAL CENTER FOR RESEARCH IN VOCATIONAL EDUCATION

The President called on Provost Reynolds to introduce Dr. Taylor for a report on The National Center for Research in Vocational Education.

Provost Reynolds:

Thank you very much. I think many of you already know Dr. Robert Taylor who is Executive Director of The National Center for Research in Vocational Education. Dr. Taylor was the guiding force in arranging to have the National Center developed and in obtaining Federal funding for it. He was actually the initiator for the National Center. Dr. Taylor also serves as Associate Dean in The Ohio State University College of Agriculture and Home Economics and also has an appointment in our College of Education. His most senior academic degree is from The Ohio State University; his bachelor's and master's degrees were awarded by the University of Arizona. Dr. Taylor's activities take on a wide international sphere; as well, he was one of five national leaders designated by the U. S. Office of Education and Department of State to study vocational education programs in Russia. He has also traveled and consulted extensively in Europe, North and South America studying national training and vocational systems. He has published widely, but I think the real reason we wanted him to present to you today was to bring you up to date both on initiatives occurring currently in The National Center for Research in Vocational Education and also to apprise the Board concomitant to our difficulties with State funding we are experiencing some real struggles in an effort to have our Federal funding continue at levels that are necessary to support our programs.

Dr. Taylor:

Thank you Ann, Chairman Devenow and President Jennings, and Members of the Trustees:

I appreciate this opportunity to give you a brief update on the National Center. I last appeared before you when we received our $25 million grant in 1978 and as we approach our 17th year, hopefully we can apprise you of our status, our directions, and comment on some of the impact of Federal R&D policy on our operation.

You will recall that we are unlike other units on campus that are organized along disciplinary lines. We are an interdisciplinary organization focusing on a mission
Dr. Taylor: (contd)

that deals with the planning, preparation, and progression of individuals for careers. We carry out our mission in terms of generating knowledge through research, developing educational products and programs, evaluation, providing information for national planning and policy, installing education programs and products, operating national information systems and services and conducting leadership development and training activities. We work with all types of vocational education, not just the public school programs in the high schools and community colleges, but with other types such as apprenticeship, with five international labor unions, with industry sponsored training, with training conducted through private trade and technical schools, special institutions, and others.

Since our beginning in 1965, we have brought some $88 million to campus and just last week signed our fifth year contract on the main National Center contract in the amount of $4.8 million. We have contracts in force of $9.4 million. We have a number of proposed grants and contracts outstanding and we believe by July 1 we should have contracts in force approaching $15 million. We are funded through a number of Federal agencies and also through private sources as well as the states and other institutions. About 70 per cent of our current funding comes from various sectors of the Federal government. We think with our expansion in the international field and our continued emphasis on diversification that we will be able to bring the Federal portion of our funding down to the neighborhood of 60 per cent.

We have conducted a number of research and development projects, and our products catalog lists approximately a thousand reports. I just wanted to share with you one research activity that went on over a number of years that focused on the preparation of vocational teachers that is now being used in all 50 states, all Canadian provinces, and 32 foreign countries. We estimate that some 100,000+ teachers have been prepared using these Performance Based Teacher Education materials. They are also being used by a number of private industries, and by other areas of government such as Defense, Agriculture, Commerce, and others in their training programs.

Just to give you some sense of outreach, during the 1981 year we served 50,000 information requests. We operate the National Information System for Vocational, Career, and Adult Education and we have a number of other clearinghouse activities, including one that we expect to be starting shortly for the Department of Labor in their Job Corps operation. We have a large number of visitors and others that draw on and look upon the National Center as an information source, both nationally and internationally. Additionally, in terms of outreach, ten of our projects last year had some 93 field sites where we had staff working collaboratively with institutions, such as state departments of education, local schools, community colleges, universities, and others and were involved in field activities in some 57 states, territories, and districts. Last year the National Center received some 1,380 people representing 52 different states and 45 foreign countries. I
Dr. Taylor: (contd)

might add the number of international visitors is increasing and these people are representing either federal ministries in education or labor. They come to OSU to familiarize themselves with our work and activities. We are, in some instances, beginning to work with them in terms of contracting and the development of vocational and technical training in their countries.

One of the main purposes of the National Center is that of leadership development, and we accomplish this through our support of graduate students working on doctoral level activities, and in terms of leadership training across the country through the National Academy, and also through postdoctoral and advanced study for individuals who are established scholars. With respect to graduate research associates, we have since 1965 supported for several years while working on a doctorate, some 412 individuals who completed their doctorate in 17 different departments and five colleges and schools of the University. Currently we are supporting 32 individuals who are working on doctorates in seven departments and four colleges and schools of the University. Our support for graduate students to date has exceeded some $5 million.

Through our National Academy we conducted last year 109 national workshops and seminars that were held in 25 different states and involved almost 4,000 state and national leaders from all of the 57 states and territories and also involved individuals from some 15 foreign countries. Beyond the Academy, we have an Advanced Study Center where we support individuals for full-time residency of some nine- to 12-month duration. We have had 28 individuals from 19 states, including full professors from institutions like Stanford, North Carolina, Texas, Syracuse and others, who have completed a number of books and major monographs. In our National Academy, we have had 130 individuals here as In-Residents for periods of several weeks and then we have a number of sabbatics, both from the states and Fulbright scholars from other countries such as Poland, Germany, Canada, Australia, Philippines, and others.

In terms of international efforts to date, we have completed contracts with a number of foreign countries. We have seven current contracts in force and we expect to expand our work and activity in this particular area. We expect by July 1 to have work under way in about five additional foreign countries amounting to some $3 to $4 million in contracts and grants.

With respect to new initiatives, one of the major areas of focus and activity for the Center right now is the area of economic development. This includes activities designed to strengthen the linkages between schools of all types and the business/industry/labor sector. We are expanding our work with respect to private sector training by working with groups like Westinghouse, Control Data, General Electric, and others. We are trying to expand the options and possibilities of young people who are completing vocational and technical education to become self-
employed entrepreneurs. We are working in the area of high technology as it relates to the interface between technical institutes, community colleges, and high technology firms. We are expecting to establish an Executive In-Residence program for individuals responsible for corporate training and other types of training. They would come to the Center for in-service development and advancement. We have a number of major collaborative activities under way working with such groups as the U.S. Chamber of Commerce, National Association of Manufacturers, and National Association of State Legislatures. Five international labor unions are presently supporting us and additionally we have put together working relationships with a number of centers of excellence—R&D centers in Geneva; Tourin, Italy; Berlin; The Hague; and Paris, so that we have an opportunity to tie into the research and development work that is going on in some of the other advanced R&D centers in our field.

Let me take just a minute, if I may, and talk a bit about some of the problems that we are experiencing in working in the Federal policy arena. I mean Federal policies affecting research and development. It seems to be translating into such things as reduced support and appropriations. Additionally, there appears to be a limiting of discretion and independence on the part of researchers. The dollars are being specified and targeted and there is a tendency to shift away from discovery, invention and more fundamental research problems to things that are applied and in some instances to only activities of dissemination. Additionally, appropriation levels for R&D are diminishing in some areas. Decision processes that used to be predictable and dependable with respect to contracts and grants are being delayed. This makes it extremely difficult to maintain staff and to maintain continuity in programs and activities. Finally we have a situation of excessive evaluation and audits. For example, the National Center has been audited on some $28 million of our Federal contracts. Fortunately we have had no audit exceptions, but we have had 999 person days of site visits, reviews, and audits in the last three years. That means more than one person a day in our building doing evaluation and audits on our several activities.

In terms of needs, as we see them, there is a strong need for continuing and core support that would provide a basis of protecting staff and allowing us to continue between contracts and what might be potential delays. Additionally, we have a situation where there is an increasing requirement of some form of matching or local contribution for major contracts. The amount of this matching is becoming increasingly competitive among universities; in some instances overhead is being waived. Second, we also see a need for a fund that could be labeled "independent R&D" and that would enable us to begin exploratory studies to begin investigation and activity into areas that we later could translate into legislation for Federal support or private sector development. Third, we need to consolidate our staff...
REPORT - THE NATIONAL CENTER FOR RESEARCH IN VOCATIONAL EDUCATION (contd)

Dr. Taylor: (contd)

and operation in terms of buildings. We are continuing to pay rent as we have since 1978. Our operations would be improved by being able to more closely group our staff.

Now with respect to the future, I think that the mission and problem focus of the National Center is going to continue to be significant. The matter of helping people plan, prepare and progress in careers is going to be an increasingly important problem area. We have the opportunity to diversify our funding, not only domestically but also in terms of the international sector. Reauthorization of the Federal vocational education act is now before the Congress. We are being recommended for continuance in the renewed legislation by the American Vocational Association, Chief State School Officers, State Directors of Vocational Education, the President's National Advisory Council, University Council for Vocational Education, and others. There is other manpower legislation including CETA, apprenticeship and others that are currently being considered for reauthorization. We see the opportunity to build in additional research and development activities for support in that area. We plan to continue our focus of activities on the several vocational education delivery systems that are available for manpower training and development. We also plan to continue our work in the international field, to translate our technology into the needs and requirements of other countries, to learn from their experiences in national planning and development, and to help a comparative dimension into American systems. I want to thank you for this opportunity to report to you and would be pleased to respond to any questions that you might have.

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REPORT - STUDENT FINANCIAL AIDS

Provost Reynolds:

In the interest of time I will move right ahead. At first glance, Bob Taylor and Rod Harrison might appear to be strange program partners, but they do have some things in common. They have in common a long affiliation with The Ohio State University and a total commitment to the welfare and well-being of this institution. There is another item they hold in common as well--Federal and other outright sources of support are necessary to the success of their efforts and to this end we have asked Mr. Rodney Harrison, Director of Student Financial Aids, who incidentally has been at this institution working in this area for some 24 years, and who reports, of course, to Vice President Nester, to talk to us today about Federal student financial aid. I think each of you will find at your places a handout which you might want to follow along with during Mr. Harrison's presentation.
February 5, 1982 meeting, Board of Trustees

REPORT - STUDENT FINANCIAL AID

Mr. Harrison:

The importance of Federal student financial aid at The Ohio State University is immeasurable. The resources enable us to enroll large numbers of students who would be totally incapable of financing an education, even at their own state university. It also encourages students to seek higher degrees than they might otherwise be financially able to pursue.

In reviewing the proposed Federal budgets, we are providing you information relative to the impact of the Pell Grant, Supplemental Educational Opportunity Grant, National Direct Student Loan, and College Work-Study Program. Following is a chart which indicates the number of students and average loan or grant under those programs during this year at The Ohio State University. Although these are significant, they need to be related to the rapidly increasing undergraduate fees at Ohio State, which now total $1,330 per year. This means that most needy students must have support from more than one program.

PRESENT WORTH OF PROGRAMS, 1981-82
AT THE OHIO STATE UNIVERSITY

<table>
<thead>
<tr>
<th>Program</th>
<th>No. of Students</th>
<th>Loan/Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Direct Student Loan (NDSL)</td>
<td>4,000</td>
<td>$1,050</td>
</tr>
<tr>
<td>Supplemental Educational Opportunity Grant (SEOG)</td>
<td>700</td>
<td>750</td>
</tr>
<tr>
<td>Pell Grants (BEOG)</td>
<td>9,200</td>
<td>890</td>
</tr>
<tr>
<td>College Work-Study</td>
<td>2,500</td>
<td>1,050</td>
</tr>
</tbody>
</table>

In order to review the impact of the proposed budget reductions, we took the average of the Federal appropriations for these programs for Fiscal 80 and 81, then took the average of our appropriations for those same two years. This established an average percent of the total appropriation which was coming to The Ohio State University. Taking those percentages, we calculated the potential impact on Ohio State by comparing that to FY-82 Continuing Resolution Budget and found it would mean a $993,025 reduction in financial aid resources. In comparing it to the FY-82 Administration Revised Budget, we found a reduction of $1,471,593, or over 13%. Compared with the Proposed OMB budget for FY-83, the reduction amounts to $6,119,898, or 49%.

Following this analysis, we reviewed the Guaranteed Student Loan Program and felt that a similar analysis of the budget was not appropriate because of the rapidly changing eligibility requirements and because of specific concerns about proposals being promulgated by the Administration for additional change. This program has been enormously important to our students. Almost $7,000,000 was
February 5, 1982 meeting, Board of Trustees

REPORT - STUDENT FINANCIAL AID (contd)

Mr. Harrison: (contd)

borrowed during 1981 by students enrolled in our Health Profession colleges. The potential loss of these funds for these students would be devastating.

With the knowledge that choices will have to be made in order to bring Federal spending under control, we are providing for your information and consideration the University's priorities relative to funding concerns and administrative changes in the program. These priorities are summarized as follows:

1. Guaranteed Student Loan. This is our major concern. We urge the retention of eligibility for graduate and professional students in this program and that they not be forced into the Auxiliary Loan to Assist Students (ALAS) as has been proposed by the Administration.

2. Pell Grants.

3. College Work-Study Program.


5. Supplemental Educational Opportunity Grant.

In summary, we wish to express to you our sincere thanks for your continued support of these programs and, in particular, call your attention to the vital concern relative to the eligibility requirements for graduate and professional students in the Guaranteed Student Loan Program.

In reviewing the impact on The Ohio State University, we find that if we review the numbers of students in the College Work-Study, National Direct Student Loan, Supplemental Educational Opportunity Grant, Pell (Basic) Grant, Health Professions Loans, and the Guaranteed Student Loan, we have approximately 23,500 students enrolled at The Ohio State University because these funds have been made available.

President Jennings:

Thank you Rod. I think it is important to note that both these financial areas—whether in the research area or in the student financial aid area—this institution is greatly dependent on Federal funds as well as State funds for the support, and I think it is—as we concern ourselves with State financing, it is very important to all of us to remember that this financing situation is being doubled up right now because the Federal monies are clearly being impacted in a very major way for our institution. It is happening simultaneously. At this stage it seems unlikely that we can look to our additional Federal funding to solve some of our State funding problems at the institution.

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RESOLUTIONS IN MEMORIAM
Resolution No. 82-60

Synopsis: Resolutions honoring the service of seven of this 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 Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Camille J. Botte

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 9, 1982, of Camille J. Botte, Assistant Professor Emeritus in the Department of Economics.

Professor Botte received all of his higher education at The Ohio State University, earning B.S.Edu., M.A., and Ph.D. degrees, the latter degree in 1934. Upon completion of the Ph.D., Dr. Botte joined the federal government as Ohio Chief for Research and Records in the Worker Progress Administration. From there he moved to the Office of Price Administration and finally became a Senior Economist with the War Labor Board. In 1943 he left federal service to become Research Economist with the Ohio Chamber of Commerce, a position he held for 15 years.

In 1946 with the post-World War II veterans enrollment expansion, Dr. Botte came back to the University as a part-time lecturer in the Twilight School. After retiring from the Ohio Chamber of Commerce, he became a full-time Assistant Professor. During more than 20 years, thousands of students in elementary economics benefitted from the stimulating teaching enriched by Professor Botte's government and business experience.

Professor Botte was active in the community and professional organizations, including the American Economics Association and the American Statistical Association. But above all he was a loyal friend and supporter of The Ohio State University as an active member of the Alumni Association, the Presidents Club, and the Faculty Club.

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 W. Deeds

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 7, 1981, of Dr. Richard W. Deeds, Professor Emeritus in the College of Dentistry.
February 5, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Richard W. Deeds (contd)

Dr. Deeds received his D.D.S. degree from The Ohio State University in 1929.

After graduation from The Ohio State University College of Dentistry, Dr. Deeds practiced in Portsmouth until he joined the faculty in 1944 and maintained a very successful private practice in Upper Arlington. He retired in 1970.

Dr. Deeds was a member of Sigma Pi Fraternity, Psi Omega Dental Fraternity and Omicron Kappa Upsilon. He was on the Advisory Committee of Psi Omega Alumni Association and House Committee. He was a member of the Columbus Dental Society, The Ohio State University Alumni Association, the Ohio Dental Association and the American Dental Association.

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.

R. Richard Howard

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 6, 1982, of R. Richard Howard, Associate Professor Emeritus, Cooperative Extension Service.

Mr. Howard was born in Shiloh, Richland County, Ohio, on March 17, 1920. He attended high school there then earned a B.S.Agr. degree in 1942 and a M.A. degree in 1962 from The Ohio State University.

In 1946 he joined the Extension Service as an Associate County Agent in Summit County. In 1950 he became County Extension Agent and later became a Marketing Agent, serving for two years in the Akron-Youngstown area. Dick joined the state Extension faculty as Radio Editor in 1960, a position he held until his retirement on January 31, 1976.

Dick was widely known for his keen wit and subtle humor and was a popular MC at meetings.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Howard 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, University, and his many friends and associates have sustained.
RESOLUTIONS IN MEMORIAM (contd)

Dale Allen Ray

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 22, 1981, of Dale Allen Ray, Professor and Assistant Chairman, Department of Agronomy.

Dr. Ray graduated with a B.S. degree from Purdue University in 1947; Master's degree from Purdue University in 1949. He received his Ph.D. degree in agronomy in 1952 from North Carolina State.

He was Assistant Professor of Agronomy and Genetics at West Virginia University, Morgantown, West Virginia, from 1952 to 1956. He came to The Ohio State University on July 1, 1956. At Ohio State, he taught grain crops courses, did oat and barley research plus various administrative duties.

He was a World War II Veteran, E.T.O. decorated, Combat Infantry Badge.

While at Purdue University, he was a member of the Purdue University Glee Club.

Organizations which Dr. Ray belonged to were: Alpha Gamma Rho Fraternity, Alpha Zeta, Kappa Delta Pi, Gamma Sigma Delta, American Society of Agronomy, American Society of Genetics, Ohio State Faculty Club, Ohio State Open Court, OSU Bowling League--Agronomy Department Team. In all of these organizations, he at one time held officer status.

In 1969, he was awarded outstanding faculty award in agronomy, selected by students. He was a long-time based member of Ohio Seed Improvement Association and Foundation Seeds of Croton, Ohio. He was a member of Morgantown, West Virginia, Masonic Lodge No. 4.

Dr. Ray was a dedicated and highly respected educator and administrator. He was well known and respected among his peers and served the University in a commendable fashion.

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. This is done in sincere appreciation of the Board’s realization of the loss which the family, the University and his many friends and associates have sustained.

Hoyt L. Sherman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 29, 1981, of Hoyt L. Sherman, Professor Emeritus in the College of the Arts.

Professor Sherman first joined the faculty in 1928 as an Instructor in the School of Art. When he retired in 1974, Professor Sherman had established an international reputation as one of the great researchers and teachers in visual arts.
In collaboration with colleagues in optometry, psychology and education, Professor Sherman developed the Flash Laboratory for the teaching of drawing and the Visual Demonstration Center on this campus. Besides developing innovative teaching programs in art, he also worked with architecture and dentistry students and with the varsity football and basketball teams.

He was the author of three books and several articles on operational theories of art. In his retirement, Professor Sherman continued his active research in color perception and was working on an analytical book of Rembrandt's drawings.

During World War II, he served as a consultant to the U. S. Navy and contributed significant research to the development of the Armed Forces Aircraft Recognition Program. In 1945-46 Professor Sherman received the Howald Scholarship, and in 1962 he was awarded the University Distinguished Teaching Award.

Professor Sherman was born in Lafayette, Alabama, on November 7, 1903. After graduating from high school in Bessemer, Alabama, he enrolled at The Ohio State University College of Engineering in 1921 as an electrical engineering student. After transferring to architecture, he found his true vocation in art. The School of Art awarded him the Bachelor of Fine Arts degree in 1926.

On behalf of the University, the Board of Trustees wishes to express to his 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 a humble expression of the Board's heartfelt sympathy in its bereavement.

Robert James Wherry, Sr.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 13, 1981, of Robert James Wherry, Sr., Professor Emeritus, Department of Psychology.

Professor Wherry was born in Middletown, Ohio, on May 16, 1904. He earned the Bachelor's degree in 1925, the Master's degree in 1927, and the Ph.D. degree in 1929, all at The Ohio State University. He served on the faculty of Cumberland University from 1929 to 1937 and of the University of North Carolina from 1937 to 1948. He was Professor of Psychology at The Ohio State University from 1948 to 1975. Between 1960 and 1970, he served as Chairman of the Department of Psychology at Ohio State. In 1944, during World War II, he served as Chief of Research in the Office of the Secretary of War.

Professor Wherry was internationally renowned for his invention of a number of statistical methods, his many significant research papers, and his consultation to industry and government. He had been a member of the American Psychological Association, the Psychonomic Society, Sigma Xi honorary society, and was a member of the editorial board of Personnel Psychology.
RESOLUTIONS IN MEMORIAM (contd)

Robert James Wherry, Sr. (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.

Mohammed Yaqub

The Board of Trustees of The Ohio State University expresses its sorrow upon the death, on December 29, 1981, of Mohammed Yaqub, Professor in the Department of Physics.

Professor Yaqub received his Ph.D. degree from Oxford University in 1957. He held post-doctoral fellowships at London University, Washington University, and MIT before joining the OSU Department of Physics in 1965. He became a Professor of Physics in 1968.

Professor Yaqub carried out research in solid state physics. His interests centered on the electrical properties of metals at very low temperatures. He is the author of more than thirty papers in scientific journals.

On behalf of the University, the Board of Trustees expresses to his 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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ESTABLISHMENT OF "THE ARTHUR E. SHEPARD ENDOWED PROFESSORSHIP IN INSURANCE"

Resolution No. 82-61


WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

WHEREAS gifts to The Ohio State University Development Fund from Arthur E. Shepard, CLU, of Columbus, Ohio, have been received; and

WHEREAS all gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and
ESTABLISHMENT OF "THE ARTHUR E. SHEPARD ENDOWED PROFESSORSHIP IN INSURANCE" (contd)

WHEREAS the annual income is to be used for the endowment of a professorship in the College of Administrative Science for the teaching and promotion of insurance; and

WHEREAS the Board of Trustees in Resolution No. 80-101 established "The Arthur E. Shepard Designated Professorship in Insurance" with the provision that at such time as sufficient funds were made available the faculty position would be converted to an "Endowed Professorship"; and

WHEREAS appropriate funding has been received for the establishment of an Endowed Professorship in Insurance; and

WHEREAS 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 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 insurance education:

NOW THEREFORE

BE IT RESOLVED, That "The Arthur E. Shepard Endowed Professorship in Insurance" be established in accordance with the wishes of the donor.

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

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ESTABLISHMENT OF DIVISION OF MINING ENGINEERING
Resolution No. 82-62

Synopsis: Establishment of Division of Mining Engineering is being proposed.

WHEREAS the University reactivated its mining engineering program in December 1977; and

WHEREAS the program provided approval to offer instruction leading to the Bachelor of Science in Mining Engineering degree; and

WHEREAS ten bachelor's degrees have been granted to date, and in 1980-81, five faculty taught thirteen mining engineering courses for a total of 522 quarter credit-hours; and

WHEREAS the formation of a Division of Mining Engineering will not require additional funding beyond that already established and projected for the operation of the mining
ESTABLISHMENT OF DIVISION OF MINING ENGINEERING (contd)

engineering program, and because of an expected improvement in administrative efficiency, it is anticipated that the Division would be able to accomplish more with the same dollar outlay; and

WHEREAS the existing mining engineering program meets the specifications of paragraph (E) of rule 3335-3-34 of the Administrative Code and the procedural requirements of the Council on Academic Affairs for designation as a division; and

WHEREAS the proposal to establish a Division of Mining Engineering has received approval of the College of Engineering and the Council on Academic Affairs:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees adopt the foregoing resolution as approved and recommended by the University Senate at its January 9, 1982 meeting.

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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ADDITION OF NEW RULE AND AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 82-63

Synopsis: Addition of new rule 3335-3-172 and amendments to rules 3335-7-14, 3335-7-26, 3335-7-27, and 3335-7-28 of Rules of the University Faculty are presented for adoption.

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 new rules and amendments to Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in Rules of the University Faculty were approved by the University Senate on January 9, 1982, as follows:

NEW RULE

3335-3-172 Dean of student life.

(A) The dean of student life shall have responsibility and authority for the administration of non-academic programs and support services dealing with the general welfare of students.
February 5, 1982 meeting, Board of Trustees

ADDITION OF NEW RULE AND AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-3-172 Dean of student life. (contd)

(B) Without limiting the generality of the foregoing, the dean of student life shall, under the direction of the vice president for student services, have the responsibility and authority for administering the office of student life, including budgeting, staffing, and planning for all office of student life functions. The responsibilities of this office include coordination of campus-wide activities, women's services, student judicial programs, the activities office (including student organizations, student government, and student activity auditing), Greek affairs, off-campus student center, cultural and ethnic programming for minority students, and student life research.

(C) The usual method of communication between the dean of student life and the president or the board of trustees shall be through the vice president for student services. (B/T 2/5/82)

AMENDED RULES

3335-7-14 Approval of student schedules.

The deans or secretaries of the several colleges and schools, and of the graduate school, shall approve the quarterly schedule of classes of students in their colleges and schools (or graduate school) but the assignment to hours and all changes in such assignment shall be made by the office of registration, records and scheduling.

3335-7-26 Point-hour ratio.

(B) When determining the point-hour ratio of a student:

(1) For a quarter, the "applicable number of credit hours" shall be the student's scheduled credit hours in that quarter.

(2) For the student's work in the university, the "applicable number of credit hours" shall be the total number of credit hours undertaken in the university except as modified by paragraph (A) (2) of rule 3335-7-271 of the Administrative Code.

(3) For the student's work in the graduate school or in a professional college or school or professional division of a college, the "applicable number of credit hours" shall be the total number of credit hours undertaken in the graduate school or in the professional college or school or professional division of a college.

(4) For the student's work in the major field of interest, the "applicable number of credit hours" shall be the total number of credit hours undertaken in courses approved for the major program.
February 5, 1982 meeting, Board of Trustees

ADDITION OF NEW RULE AND AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-7-27 Failure in a required course.

(A) An undergraduate or professional student who has not been dismissed from the university must repeat in a regularly scheduled class, at the first opportunity, a required course in which a mark of "E" has been received, unless an equivalent course is recommended and approved by the authorized representative of the dean or director of the student's enrollment unit.

(B) A graduate student who has not been dismissed from the university must repeat in a regularly scheduled class a required course in which a mark of "E" has been received only if this is required by the student's adviser.

3335-7-28 Repetition of courses.

(A) Except as specified by rule 3335-7-27 of the Administrative Code, undergraduate students who have received a mark of "E" or "NP" in a course at this university may repeat the course for credit at their option.

(B) Undergraduate or professional students, as defined in rule 3335-9-01 of the Administrative Code, who have received a mark of "D+" or "D" in a course at this university may repeat the course for credit only upon the recommendation of the authorized representative of the dean or director of their enrollment unit.

(C) Undergraduate or professional students, as defined in rule 3335-9-01 of the Administrative Code, who have received a mark of "A," "A-," "B+," "B," "B-," "C+," "C," "C-," or "PA" in a course at this university or elsewhere may repeat the course only as auditors, in accordance with rule 3335-7-29 of the Administrative Code.

(D) A graduate student, as defined in rule 3335-9-01 of the Administrative Code, may repeat for credit any course when approval is given by the student's adviser.

(E) A student who has audited a course may subsequently repeat the course for credit only upon receiving permission of the authorized representative of the dean or director of the student's enrollment unit.

(F) The credit hours for a repeated course shall in no case be counted more than once in meeting graduation requirements. When a student repeats a course, both grades appear on the student's record and both are used in computing the point-hour ratio, except as modified by rule 3335-7-271 of the Administrative Code.
February 5, 1982 meeting, Board of Trustees

ADDITION OF NEW RULE AND AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the foregoing new rule and amendments to existing Rules of the University Faculty be adopted by the Board of Trustees for implementation and incorporation in the Administrative Code.

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

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PERSONNEL ACTIONS

Resolution No. 82-64

Synopsis: Recommendation for promotion of Dean Roy M. Kottman and reappointment of principal administrative official is being proposed.

BE IT RESOLVED, That the following personnel changes to made:

Promotion

Name: ROY M. KOTTMAN
Present Position: Dean, College of Agriculture and Home Economics; Director, Cooperative Extension Service; and Director, Ohio Agricultural Research and Development Center
New Position: Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources
Effective: 5 February 1982 through 30 June 1982, the date of Dean Kottman's retirement from the University
Salary: $59,920.00 (12-month)

Reappointment of Principal Administrative Official

ANDREW J. BROEKEMA, Dean of the College of the Arts, effective February 1, 1982-January 31, 1987, pursuant to rule 3335-3-17 of the Administrative Code.

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

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February 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 82-65

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, 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 10, 1981 meeting of the Board, including the following Appointments, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

<table>
<thead>
<tr>
<th>Name:</th>
<th>Title:</th>
<th>College:</th>
<th>Salary:</th>
<th>Effective:</th>
<th>Present Position:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHILIP W. MURDICK</td>
<td>Associate Dean</td>
<td>College of Veterinary Medicine - Administration</td>
<td>$52,920.00 (12-month)</td>
<td>January 1, 1982</td>
<td>Professor and Chairman, Department of Veterinary Clinical Sciences</td>
</tr>
<tr>
<td>EDWARD F. DONOVAN</td>
<td>Professor and Acting Chairman</td>
<td>Veterinary Clinical Sciences</td>
<td>$49,440.00 (12-month)</td>
<td>January 1, 1982</td>
<td>Professor, Department of Veterinary Clinical Sciences</td>
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Medical Staff Appointments

Effective September 1, 1979

Nancy M. Trhlík, M.D.  Courtesy Staff in Preventive Medicine, Service of Emergency Medicine  Clinical Assistant Professor

Effective October 1, 1981

Susan Carleton Benes, M.D.  Attending Staff in Ophthalmology  Assistant Professor
Francis S. Wright, M.D.  Attending Staff in Pediatrics  Professor

Effective November 15, 1981

George C. Cummings, M.D.  Limited Staff in Anesthesiology  Clinical Instructor H.S.
February 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

HAO CHANG, Professor, Department of History, cancel leave effective January 1, 1982 through March 31, 1982, which was granted September 4, 1981.

LOUISE B. GUTHMAN, Associate Professor, Department of Dance, effective January 5, 1982 through January 26, 1982, to tour with Ballet Met in Taiwan.

DONNA GAIL BERLIN, Assistant Professor, Academic Faculty of Early and Middle Childhood Education (Newark Campus), effective February 22, 1982 through March 28, 1982, for personal reasons.

LAUREL E. FAY, Assistant Professor, School of Music, effective January 1, 1982 through March 31, 1982, to participate in an International Research and Exchanges Board program to do research.

DEBORAH JEAN FITZGERALD, Assistant Professor, Department of Philosophy, effective January 1, 1982 through March 31, 1982, to do professional research in France.

ALLAN SEKULA, Assistant Professor, Department of Photography and Cinema, effective January 1, 1982 through March 31, 1982, to engage in professional research.


Professional Improvement Leaves


JOHN QUIGLEY, Professor, College of Law, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

Emeritus Titles

WALLACE BARR, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective January 1, 1982.
February 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

R. EMERSON LYNN, JR., Department of Chemical Engineering, with the title Professor Emeritus, effective January 1, 1982.

JAMES W. MARQUAND, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1982.

JOHN B. MITCHELL, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective January 1, 1982.

PERRY E. BORCHERS, Department of Architecture, with the title Professor Emeritus, effective July 1, 1981.

JOHN W. SHARP, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective January 1, 1982.

RICHARD W. STOW, Department of Physical Medicine, with the title Professor Emeritus, effective February 1, 1982.

WILLIAM W. DAVIS, Department of Preventive Medicine, with the title Clinical Assistant Professor Emeritus, effective January 1, 1982.

HELEN STORER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1982.

FRANKLIN D. GEORGE, Cooperative Extension Service, with the title Instructor Emeritus, effective February 1, 1982.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 82-66

Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December 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 agreements 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 1981, be approved.

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

SUMMARY FOR NOVEMBER 1981

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<th>Source</th>
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<td>Engineering Experiment Station</td>
<td>51</td>
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<tr>
<td>The Ohio State University Development Fund</td>
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<td>$2,266,630.90</td>
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Report from Presidents Club

Members to date: 4,522
1981 members: year to date: 138
New members - November 1981: 8

New Presidents Club Members - November 1981

Bryan F. Hartley
William D. Johnston
Robert G. Kennedy
Ibrahim A. Orkoubi
Jeffrey D. Nye
Chester S. Shira
John A. Thoms
Dale D. Walther
February 5, 1982 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1981

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>48</td>
<td>$2,492,592.00</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>47</td>
<td>$196,690.00</td>
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<td>$2,689,282.00</td>
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The Ohio State University Development Fund

Establishment of Named Funds

- Dr. Howard Dexter Brown Scholarship Fund
  (Department of Horticulture - Field of Food Technology) $209,000.00

- The W. Arthur Cullman Symposium Fund
  (College of Administrative Science) $50,000.00

- The Irving Abramowitz Memorial Professorship Fund
  (College of Administrative Science) $27,235.80

- The Jimmie L. Huitt, Jr., Fund
  (College of Administrative Science) $15,875.00

- Robert E. Oscar Professorship in International Business Fund
  (College of Administrative Science) $8,645.00

- The J. Norman Staiger/OSU Men's Glee Memorial Scholarship
  (School of Music) $7,451.00

- Roy E. and Zelma L. Roeder Memorial Fund
  (Lima Campus) $6,006.00
February 5, 1982 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1981 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Elizabeth Kiss Amstutz Scholarship Fund  
(College of Humanities)  $ 5,000.00

The Gordon M. Amstutz Scholarship Fund  
(College of Engineering)  $ 5,000.00

The Loudenslager Scholarship Fund  
(College of Agriculture and Home Economics - Marion Campus)  $ 5,000.00

Renal Research and Development Fund  
(Division of Renal Diseases)  $ 5,000.00

The Katrina Louise Winzenried Memorial Scholarship Fund  
(Undergraduate students - Hardin County)  $ 5,000.00

Change in Name and Description of Named Fund

From:  William H. Davis Scholarship Fund  
for Basic Medical Research
To:  William H. Davis Endowment for  
Basic Medical Research

Report from Presidents Club

<table>
<thead>
<tr>
<th>Members to date</th>
<th>4,532</th>
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<tr>
<td>1981 members: year to date</td>
<td>152</td>
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<tr>
<td>New members - December 1981</td>
<td>14</td>
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</table>

New Presidents Club Members - December 1981

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
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<tr>
<td>Clinton R. Beckett</td>
<td>W. Richard Lipold</td>
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<tr>
<td>Martin A. Coyle</td>
<td>Jack C. McKinley</td>
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<tr>
<td>Pamela Parker Gartin</td>
<td>Lloyd M. Parks</td>
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<tr>
<td>Anthony J. Gelpi</td>
<td>Marie E. Sinsabaugh (Mrs. Charles F.)</td>
</tr>
<tr>
<td>Robert E. Haines</td>
<td>Whitney B. Stout</td>
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<tr>
<td>Jack W. Hickey</td>
<td>Patrick S. Vaccaro</td>
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<tr>
<td>Barry J. Levey</td>
<td>Howard F. Webb, Jr.</td>
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February 5, 1982 meeting, Board of Trustees

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

SECOND QUARTER SUMMARY

October 1, 1981 through December 31, 1981

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
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<tr>
<th>Source</th>
<th>No. of Projects</th>
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<td><strong>FEDERAL</strong></td>
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<td>National Aeronautics and Space Administration</td>
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<td>National Science Foundation</td>
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<td>Department of Defense</td>
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<td>Department of Energy</td>
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<td>Department of Education</td>
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<td>Department of Health and Human Services</td>
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<td>Other Federal</td>
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<td><strong>TOTAL - FEDERAL</strong></td>
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<td><strong>STATE OF OHIO</strong></td>
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<td><strong>INDUSTRIAL, PRIVATE, AND OTHER</strong></td>
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<td><strong>NON-FEDERAL SPONSORS</strong></td>
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<td>$1,982,816.00</td>
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<td><strong>GRAND TOTAL</strong></td>
<td>175</td>
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ENGINEERING EXPERIMENT STATION

<table>
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<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tr>
<td>INDUSTRIAL AND OTHER</td>
<td>131</td>
<td>$408,894.00</td>
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February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION
(Report - November 1981)

Federal Research Contracts/Grants

$134,000.00 - 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), 1 October 1981 through 15 January 1982. (Project 762920 - New)

$133,578.00 - Department of the Navy, Naval Training Equipment Center, Orlando, Florida, OSU/Microde Development for CIG, Department of Art Education (C. A. Csuri) and Department of Computer and Information Science (F. C. Crow), 30 June 1982 through 28 June 1983. (Project 762746 - Continuation)

$116,740.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Increasing Productivity Through Social Structure, Department of Psychology (B. Latane), 1 October 1981 through 30 September 1982. (Project 762439 - Continuation)

$98,159.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, in Vitro, Department of Physiological Chemistry (G. E. Milo), 1 October 1981 through 30 June 1982. (Project 762178 - Continuation)

$87,009.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells in Vitro, College of Pharmacy (D. Witiak), 1 October 1981 through 30 June 1982. (Project 762177 - Continuation)

$69,943.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels with Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. Blakeslee), 1 October 1981 through 30 June 1982. (Project 762179 - Continuation)

$64,985.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Research on Near Field Pattern Effects, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 October 1981 through 30 September 1982. (Project 762922 - Continuation)
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$63,314.00 - Department of the 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), 1 October 1981 through 30 June 1982. (Project 761657 - Continuation)

$60,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Supercritical Airfoil Wind Tunnel Flutter Research, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 October 1981 through 30 September 1982. (Project 762832 - Continuation)

$52,497.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Microstrip Analysis Techniques, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 1 November 1981 through 31 October 1982. (Project 762478 - Continuation)

$50,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Kinetic-Elastic Approach for Time-Dependent Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 October 1981 through 24 March 1982. (Project 762084 - Continuation)

$50,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Coherent Electromagnetic Wave Propagation and Scattering in Random Media, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 16 November 1981 through 15 November 1982. (Project 762930 - New)

$45,466.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 October 1981 through 30 September 1982. (Project 761663 - Continuation)

$42,991.00 - 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 1981 through 14 December 1982. (Project 760222 - Continuation)

February 5, 1982 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, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1981 through 30 September 1982. (Project 762072 - Continuation)

$26,500.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter, R. J. Marhefka, and R. C. Rudduck), 13 August 1981 through 31 July 1982. (Project 761784 - Continuation)


$18,750.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Conduct Exploratory Development on Millimeter Wave (MMW) Systems Using the Target Systems Characterization Facility (TSCF), Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 October 1981 through 31 March 1982. (Project 762615 - Continuation)

$11,859.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, A Summary and Integration of Research Concerning Single Pilot IFR Operational Problems, Department of Aviation (G. S. Weislogel), 1 January 1982 through 31 August 1982. (Project 762941 - New)

February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$8,750.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 December 1981 through 30 November 1982. (Project 761955 - Continuation)

$8,320.00 - National Endowment for the Humanities, Washington, D. C., Ohio Boeotia Expedition, Department of History (T. E. Gregory), 1 April 1980 through 31 October 1981. (Project 762851 - New)

$5,100.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1981 through 30 November 1982. (Project 760022 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $1,417,126.90

State of Ohio Research Contracts/Grants

$10,828.00 - State of Ohio, Department of Education, Columbus, Ohio, Summer Food Service Program, Office of Minority Affairs (R. T. McDonald), 28 June 1981 through 8 August 1981. (Project 762792 - New)

$8,000.00 - State of Ohio, Department of Natural Resources, Division of Soil and Water Districts, Columbus, Ohio, Lake Erie Basin - Accelerated Conservation Tillage Project, Cooperative Extension Service - Field Operations (T. L. Jones), 1 October 1981 through 30 November 1982. (Project 762943 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 18,828.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$258,988.00 - The Procter & Gamble Company, Cincinnati, Ohio, Clinical Investigation of a Non-Perfumed Pantiliner and a Perfumed Pantiliner, Department of Obstetrics and Gynecology (R. C. Bump and F. P. Zuspan), 1 November 1981 through 31 October 1982. (Project 762931 - New)
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Institution and Description</th>
<th>Principal Investigator(s)</th>
<th>Start Date</th>
<th>End Date</th>
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<td>$150,000.00</td>
<td>University of California - Davis, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Producers, International Programs in Agriculture (H. D. Bauman) and Department of Agronomy (R. W. VanKeuren)</td>
<td>1 October 1981 through 30 September 1982. (Project 761949 - Continuation)</td>
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<td>$120,661.00</td>
<td>Electric Power Research Institute, Palo Alto, California, Mechanism of Intergranular Corrosion of Inconel 600 Tubing in PWR Steam Generators, Department of Metallurgical Engineering (D. D. Macdonald)</td>
<td>29 October 1981 through 31 December 1982. (Project 762932 - New)</td>
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<td>$42,000.00</td>
<td>Diamond Shamrock Corporation, Painesville, Ohio, The Metallurgy and Electrochemistry of the Aluminum Anode, Department of Metallurgical Engineering (D. D. Macdonald)</td>
<td>1 January 1982 through 31 December 1982. (Project 762942 - New)</td>
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<td>$25,298.00</td>
<td>Battelle Memorial Institute Foundation, Columbus, Ohio, Assessment of Degraded Piping by the Tearing Instability Fracture Mechanics Method, Department of Engineering Mechanics (C. Popelar)</td>
<td>1 October 1981 through 1 September 1982. (Project 762929 - New)</td>
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<td>$20,000.00</td>
<td>Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Institute for Research in Vision (H. R. Blackwell)</td>
<td>1 July 1981 through 30 June 1982. (Project 760716 - Continuation)</td>
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<td>$16,932.00</td>
<td>Philip Morris Research Center, Richmond, Virginia, Effects of Nicotine on Learning and Memory, Department of Psychology (G. G. Berntson)</td>
<td>1 September 1981 through 31 August 1982. (Project 760715 - Continuation)</td>
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<td>$13,371.00</td>
<td>Boehringer, Ingelheim, Ltd., Ridgefield, Connecticut, Analysis of Dipyridamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams)</td>
<td>1 November 1981 through 15 January 1982. (Project 762928 - New)</td>
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<td>$12,500.00</td>
<td>Boeing Aerospace Company, Seattle, Washington, MX Physical Security System, Department of Electrical Engineering, ElectroScience Laboratory (J. Young, D. Moffatt, and J. Richmond)</td>
<td>1 October 1981 through 31 December 1981. (Project 762606 - Continuation)</td>
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<td>$12,000.00</td>
<td>American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Platelet Factors in Lymphocyte Function, Department of Medical Microbiology and Immunology (C. Prakash) and Department of Pharmacology (G. A. Tejwani)</td>
<td>1 November 1981 through 30 October 1982. (Project 762934 - New)</td>
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Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$11,587.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 20 November 1981 through 31 December 1981. (Project 760982 - Continuation)

$11,533.00 - Battelle Memorial Institute, Columbus, Ohio, Alumina Tooth Implantation in Human Subjects, College of Dentistry - Crown and Bridge (R. H. Downes) 16 October 1981 through 15 October 1982. (Project 762936 - Continuation)

$9,370.00 - Muscular Dystrophy Association, New York, New York, Carrier Detection Studies in Duchenne Muscular Dystrophy Families Participating in MDA Drug Protocol, Department of Medicine (J. R. Mendell), 20 October 1981 through 31 December 1982. (Project 762494 - Continuation)

$7,568.00 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, Clinical Evaluation of Cinromide Inad 2230, Department of Veterinary Clinical Sciences (W. R. Fenner), 15 November 1981 through 14 November 1982. (Project 762937 - New)

$6,775.00 - The Prudential Insurance Company of America, Newark, New Jersey, Behavior Modelling Training Films, Department of Psychology (M. D. Hakel), 1 November 1981 through 31 December 1981. (Project 762933 - New)

$4,000.00 - Caldwell Community College and Technical Institute, Hudson, North Carolina and Linn-Benton Community College, Albany, Oregon, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1981 through 30 June 1982. (Project 761599 - Continuation)

$3,950.00 - SME Manufacturing Engineering Education Foundation, Dearborn, Michigan, Equipment Request for Industrial and Systems Engineering Computer and Control Laboratory, Department of Industrial and Systems Engineering (R. S. Ahluwalia), 9 November 1981 through 8 November 1982. (Project 762940 - New)

$1,000.00 - Cessna Aircraft Company, Pawnee Division, Wichita, Kansas, General Aviation/Airfoil Design and Analysis Service - Airfoil Modification Study, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 3 November 1981 through 31 December 1981. (Project 762547 - Continuation)

$1,000.00 - Dumbarton Oaks, Washington, D. C., Ohio Boeotia Expedition, Department of History (T. E. Gregory), 1 April 1980 through 31 October 1981. (Project 762938 - New)
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$262.00 - La Secretaria del Trabajo y Prevision Social de los Estados Unidos Mexicanos through Unidad Coordinadora del Empleo Capacitacion y Adiestramiento (UCECA), Mexico City, D. F., Republic of Mexico, UCECA Planning Project, The National Center for Research in Vocational Education (R. E. Taylor), 15 September 1981 through 15 December 1981. (Project 762919 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 728,795.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$101,881.00 - various sponsors for 51 development projects under the direction of five engineering college departments and research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$185,657.35 - Estate Under the Will of Dr. Fred A. Hitchcock, Columbus, Ohio, for Fred A. Hitchcock Professorship in Environmental Physiology Fund.

$38,200.00 - The Leo Yassenoff Foundation, Columbus, Ohio--$25,000.00 for The Leo Yassenoff Chair of Jewish Philosophy; $1,000.00 for Journalism Director’s Special Fund; $1,000.00 for College of Administrative Science Fund; $1,000.00 for Dean’s Discretionary Fund for Biological Sciences; $1,000.00 for Humanities Support Fund; $1,000.00 for Social and Behavioral Sciences Support Fund; $1,000.00 for College of the Arts Support Fund; $1,000.00 for Arts and Sciences Vice Provost Discretionary Fund; $1,000.00 for College of Agriculture and Home Economics Dean’s Discretionary Fund; $1,000.00 for College of Mathematical and Physical Sciences Dean’s Emergency Fund; $1,000.00 for College of Pharmacy Fund; $1,000.00 for College of Social Work Emergency Fund; $1,000.00 for College of Engineering Special Fund; $500.00 for College of Law Student Financial Aid Fund; $500.00 for College of Law Advancement Fund; and $200.00 for Yassenoff Polar Studies Fund.

$37,500.00 - Shell Companies Foundation, Inc., Houston, Texas--$7,500.00 for Shell Companies Foundation Fund for Chemical Engineering; $7,500.00 for Shell Companies Foundation Fund for Metallurgical Engineering; $7,500.00 for Shell Graduate Aid for Computer and Information Science in Engineering; $7,500.00 for Shell Companies Foundation Fund for Electrical Engineering; and $7,500.00 for Shell Companies Foundation Fund for Chemistry.
February 5, 1982 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)

$24,000.00 - Mr. and Mrs. Howard E. LeFevre, Newark, Ohio (3,000 shares of Capitol Corporation stock), for Howard E. and Catharine Bonner LeFevre Fund.

$20,000.00 - Mansfield University Foundation, Mansfield, Ohio, for Mansfield Campus Scholarship Fund.

$15,400.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

$15,000.00 - Needham, Harper & Steers, New York, New York, for WOSU Support Fund.

$15,000.00 - SCOA Foundation, Inc., Columbus, Ohio, for Joseph S. Platt-Porter, Wright, Morris & Arthur Professorship in Law Fund.

$14,770.00 - General Motors Corporation, Warren, Ohio, for General Motors Corporation Scholarship Fund.

$13,943.33 - Wyeth Labs, Philadelphia, Pennsylvania--$8,250.00 for Cancer Research Center Fund and $5,693.33 for Menopausal Patient Follow-up Project.

$12,660.00 - Amoco Foundation, Inc., Chicago, Illinois, for Amoco Foundation, Inc., Fellowship in Chemistry.

$11,808.22 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$10,000.00 - Exxon Education Foundation, New York, New York, for Exxon Fellowship in Metallurgical Engineering.

$10,000.00 - Brad Marks Productions, Inc., Los Angeles, California, for Cheerleaders Scholarship Fund.

$9,200.00 - Eastman Kodak Company, Rochester, New York--$2,000.00 for Eastman Kodak Scholarship in Industrial Engineering; $1,500.00 for Eastman Kodak Scholarship in Chemical Engineering; $1,500.00 for Eastman Kodak Scholarship in Electrical Engineering; $1,500.00 for Eastman Kodak Scholarship in Mechanical Engineering; $900.00 for ISE Advancement Fund; $600.00 for I. G. Brenner Fund for Engineering; $600.00 for Department of Chemical Engineering Support Fund; and $600.00 for Electrical Engineering Chairman’s Discretionary Fund.

$8,864.90 - Griffith Foundation for Insurance Education, Columbus, Ohio, for Charles W. Griffith Memorial Fund.
February 5, 1982 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)

$8,790.96 - Reproductive Research and Education Association, Columbus, Ohio (given in the names of George Johnson, M.D., Richard Bump, M.D., Belinda Bryan, Chad Friedman, M.D., Mary L. Summer, A. Huneke, M.D., John Michael Williams, Yong Pak, M.D., and William Rigsby, M.D.), for EPR-OBS Fund.

$8,334.00 - H. J. Heinz Company Foundation, Pittsburgh, Pennsylvania, for Endowed Professorship in Plant Protection.

$8,000.00 - Phillips Petroleum Foundation, Inc., Bartlesville, Oklahoma, for Phillips Petroleum Company Fellowship Fund.

$8,000.00 - The Standard Oil Company, Cleveland, Ohio, for Sohio Fellowship in Chemistry.

$6,255.45 - Lyman J. Strong, Lima, Ohio, undesignated.

$6,000.00 - The American Society for Nondestructive Testing, Inc., Columbus, Ohio, for The American Society for Nondestructive Testing Fellowship Fund.

$6,000.00 - Cravat Coal Company, Cadiz, Ohio, for Ohio 4-H Foundation Support Fund.

$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Advanced Design Methods Laboratory--Mechanical Engineering.

$5,000.00 - Gannett Newspaper Foundation, Rochester, New York, for Journalism Director’s Special Fund.

$5,000.00 - Petersen Manufacturing Company, Inc., DeWitt, Nebraska, for Robert E. Oscar Professorship in International Business.

$5,000.00 - Estate Under the Will of Carl W. Rodewig, Wheeling, West Virginia, for College of Pharmacy Advancement Fund.

Gift-in-Kind

$12,500.00 - Paul Fekula, Elmhurst, New York, a 1488 Bohemian Bible.
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$225,984.00 - 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), 15 January 1982 through 30 September 1982. (Project 762920 - Continuation)

$190,117.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1981 through 30 November 1982. (Project 761196 - Continuation)

$176,000.00 - Department of the Air Force, Rome Air Development Center (AFSC), Griffiss Air Force Base, New York, Advanced SATCOM ECCM Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksieinski), 4 February 1982 through 30 September 1982. (Project 762948 - Continuation)


$140,000.00 - Department of the Air Force, Electronics System Division, Air Force Systems Command (AFSC), 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), 10 November 1981 through 9 November 1984. (Project 762947 - Continuation)

$100,712.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Study to Develop an Experimental Disease Model in Horses, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 29 September 1981 through 27 September 1982. (Project 761916 - Continuation)


$86,428.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary), 1 December 1981 through 30 November 1982. (Project 762962 - Continuation)
$80,816.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1981 through 30 November 1982. (Project 762525 - Continuation)


$75,503.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody in Transplantation, Department of Surgery (J. Cerilli), 1 December 1981 through 30 November 1982. (Project 763857 - Continuation)

$64,978.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 December 1981 through 31 March 1982. (Project 762612 - Continuation)


$61,695.00 - National Science Foundation, Washington, D. C., Single-Atom Peri-Bridged Arenes and Hetarenes: Carbenic Processes, Department of Chemistry (H. Schechter), 1 December 1981 through 30 November 1982. (Project 762529 - Continuation)

$59,000.00 - National Science Foundation, Washington, D. C., Chemistry and Spectroscopy of High Energy Intermediates, Department of Chemistry (M. S. Platz), 1 December 1981 through 30 November 1982. (Project 761654 - Continuation)

$57,967.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 December 1981 through 30 November 1982. (Project 762285 - Continuation)
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$40,689.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Control of Synaptogenesis in Cultures of the CNS, Department of Anatomy (R. W. Burry), 1 December 1981 through 30 November 1982. (Project 761963 - Continuation)

$38,043.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Enzyme Aging and Gene Expression in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 December 1981 through 30 November 1982. (Project 762514 - Continuation)

$33,771.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Acanthamoeba Strain Comparisons: Mitochondrial DNA, Department of Microbiology (T. J. Byers), 1 December 1981 through 30 November 1982. (Project 762493 - Continuation)

$30,000.00 - 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 (G. M. Gregorek), 5 December 1981 through 5 June 1982. (Project 762009 - Continuation)

$27,274.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command (AFSC), Hanscom Air Force Base, Massachusetts, RCS Studies of Jet Intakes, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak), 1 October 1981 through 1 March 1982. (Project 762016 - Continuation)

$26,882.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Light Truck Side Structure Evaluation, Department of Mechanical Engineering (D. A. Guenther), 1 January 1982 through 2 July 1982. (Project 762963 - Continuation)

$26,599.00 - National Science Foundation, Washington, D. C., Comparative Cytology of Selected Chlorophyta, Department of Botany (G. L. Floyd), 1 January 1982 through 31 December 1982. (Project 761939 - Continuation)

$20,500.00 - National Science Foundation, Washington, D. C., Verification of Constitutive Relations for Silage Through Full-Scale Silo Measurements, Department of Civil Engineering (A. G. Bishara), 1 December 1981 through 30 June 1983. (Project 761960 - Continuation)
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$18,891.00 - 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 January 1982 through 22 June 1982. (Project 762718 - Continuation)

$8,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. Gregorek) and Department of Aviation (G. S. Weislogel), 1 November 1981 through 6 February 1982. (Project 762359 - Continuation)

$6,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Development and Optimization of Methodologies for Analysis of Complex Hydrocarbon Mixtures, Department of Chemistry (R. J. Laub), 1 January 1982 through 31 December 1982. (Project 761982 - Continuation)

$5,950.00 - National Science Foundation, Washington, D. C., Deducing Glacial and Climatic Changes from the Byrd Station, Antarctica, Ice Core, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 April 1982 through 31 March 1984. (Project 762964 - New)

$5,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Experimental Investigation of Flow Fields of Rotors in Hover with Modified Tips, Department of Mechanical Engineering (H. R. Velkoff), 1 October 1981 through 1 March 1982. (Project 760964 - Continuation)

$4,514.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 3 December 1981 through 30 September 1982. (Project 761663 - Continuation)

$1,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Pedestrian Impact Modeling, Department of Mechanical Engineering (D. A. Guenther), 1 January 1982 through 31 March 1982. (Project 762430 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $2,021,979.00

State of Ohio Research Contracts/Grants

$49,986.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities Planning Council, Columbus, Ohio, Deinstitutionalization Task Force, Nisonger Center for Mental Retardation (H. Leland), 1 February 1981 through 30 June 1982. (Project 762593 - Continuation)
February 5, 1982 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)

$43,183.00 - State of Ohio, The Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty for Exceptional Children (D. S. Hill), 1 October 1981 through 30 June 1982. (Project 762952 - Continuation)

$19,265.00 - State of Ohio, The Ohio Youth Commission, Columbus, Ohio, Ohio Youth Commission Visual Response System Project, Academic Faculty for Exceptional Children (W. L. Heward), 1 October 1981 through 30 June 1982. (Project 762951 - Continuation)

$2,868.00 - State of Ohio, Department of Education, Vocational and Career Education and School Food Service, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Academic Faculty of Labor and Human Resources (S. C. Kelley), 1 December 1981 through 30 June 1982. (Project 762781 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 115,302.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$157,426.00 - 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 1982 through 31 December 1983. (Project 762960 - New)

$34,876.00 - Technicon Instruments Corporation, Tarrytown, New York, Studies on Reference Electrodes for Sensor Devices, Department of Chemistry (T. Kuykewa), 1 January 1982 through 31 December 1982. (Project 762957 - New)

$31,738.00 - Henkel Corporation, Minneapolis, Minnesota, Phytosterol Stabilized Emulsions, College of Pharmacy (S. G. Frank), 1 December 1981 through 30 December 1982. (Project 762946 - New)

$31,283.00 - Henkel Corporation, Minneapolis, Minnesota, Phytosterol Stabilized Emulsions, College of Pharmacy (S. G. Frank), 1 December 1981 through 30 November 1983. (Project 762946 - Continuation)

$20,909.00 - A. H. Robins Company, Richmond, Virginia, Effect on Metoclopramide for the Treatment of Gastric Dilatation-Torsion Complex in Dogs, Department of Veterinary Clinical Sciences (M. L. Helphrey and W. A. Rogers), 1 February 1982 through 31 January 1984. (Project 762961 - New)
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$20,500.00 - World Health Organization, Geneva, Switzerland, Identification, Analysis and Implementation of a Network for the Biological Control of Vectors, Department of Entomology (J. D. Briggs), 1 January 1982 through 31 December 1982. (Project 760988 - Continuation)

$20,356.00 - American Cyanamid Company, Princeton, New Jersey, The Effects of Levamisole Phosphate on the Bovine Respiratory Disease Complex, Department of Veterinary Preventive Medicine (N. R. Hartwig), 1 December 1981 through 28 February 1982. (Project 762953 - New)

$20,000.00 - City of Columbus, Division of Fire, Columbus, Ohio, City of Columbus Fire Project, College of Administrative Science - Continuing Education (J. J. Stanley), 1 October 1981 through 31 December 1981. (Project 762950 - Continuation)


$2,000.00 - Greater Columbus Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus 1981/1982, Department of Photography and Cinema (J. R. Green), 1 December 1981 through 30 November 1982. (Project 762958 - New)

$2,000.00 - Western Nevada Community College, Carson City, Nevada, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1981 through 30 June 1982. (Project 761599 - Continuation)

$1,500.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1981 through 31 December 1982. (Project 762165 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 355,311.00
February 5, 1982 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$196,690.00 - Forty sponsors for 47 development projects under the direction of six departments and four research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Dr. Howard Dexter Brown Scholarship Fund

The Dr. Howard Dexter Brown Scholarship Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Estate of Elsie Beulah Brown, 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 provide a scholarship(s) to assist a student(s) in the field of food technology in the Department of Horticulture of the College of Agriculture and Home Economics. The designation of the recipient(s) is to be based on the recommendation of the Dean of the College of Agriculture and Home Economics in cooperation with the appropriate academic unit. The Dean shall also approve expenditures of this scholarship fund. In the event that the scholarship is unused, the annual income shall be added to the principal of the scholarship 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 who is then responsible for food technology education at the University.

The W. Arthur Cullman Symposium Fund

The W. Arthur Cullman Symposium Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends of Dr. W. Arthur Cullman in honor of his outstanding teaching and research as a member of the marketing faculty for 35 years.

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.
Establishment of Named Funds (contd)

The W. Arthur Cullman Symposium Fund (contd)

The annual income is to be used by the College of Administrative Science to support expenses of periodic symposia which will attract nationally prominent scholars and practitioners in the field of business policy and strategy.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any other purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the College of Administrative Science.

The Irving Abramowitz Memorial Professorship Fund

The Irving Abramowitz Memorial Professorship Fund was established February 5, 1982, 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 Irving Abramowitz of San Rafael, California.

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

The annual income is to be used to provide support for the work of a distinguished teacher, researcher and scholar in business policy and ethics in the business policy faculty area of the College of Administrative Science. Appointment to the Abramowitz Professorship will be recommended by the Dean of the College of Administrative Science to the President 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for management education.

It is the intention of the donors of the fund to establish either a chair when the fund reaches $750,000 or a professorship when the fund reaches $250,000. All income and future gifts from the fund shall be added to principal until the determination is made by members of the Abramowitz family.
Establishment of Named Funds (contd)

The Jimmie L. Huitt, Jr., Fund

The Jimmie L. Huitt, Jr., Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. Jimmie L. Huitt, Jr., '72.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 is to be used to support scholarship and honors among the students in the College of Administrative Science at the discretion of the Dean of the College of Administrative Science.

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 curricula in administrative science.

Robert E. Oscar Professorship in International Business Fund

The Robert E. Oscar Professorship in International Business Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Robert E. Oscar, B.S.Bus. Adm. '38, of Chicago, Illinois.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 endowment is to be added to the principal until this amount, along with additional gifts and bequests, is sufficient to establish the professorship. At the time when the professorship is fully funded, the annual income is to be used to provide salary and program support for the work of a distinguished scholar and teacher in international business. Appointment to the Oscar Professorship will be recommended by the Dean of the College of Administrative Science to the President and approved by the Board of Trustees.

In the event that sufficient funds are not available to establish the professorship, the amount accumulated is to be used for the purpose of establishing the Robert E. Oscar Scholarship in International Business. The annual income is to be used for students who are majoring in international business and who have demonstrated academic ability and need for financial
February 5, 1982 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. Oscar Professorship in International Business Fund (contd)

assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee in cooperation with the Dean of the College of Administrative Science.

Should the need for this professorship (or 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 international business education.

The J. Norman Staiger/OSU Men’s Glee Club Memorial Scholarship

The J. Norman Staiger/OSU Men’s Glee Club Memorial Scholarship was established February 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and members of the OSU Men’s Glee Club in memory of J. Norman Staiger, M.A. ’58, Professor Emeritus of voice and Director of the club for more than a quarter of a century.

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.

The annual income is to be awarded to one or more talented undergraduate students who have successfully completed at least one year as members of the Men’s Glee Club. Recipients will be determined by the established procedures within the School of Music, with final approval by the Director of the Men’s Glee Club and the Director of the School of Music.

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 (1) vocal students and/or (2) music majors recommended by the appropriate administrative official of the University responsible for music education.

Roy E. and Zelma L. Roeder Memorial Fund

The Roy E. and Zelma L. Roeder Memorial Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. Eugene M. and Mrs. Marjorie L. (Roeder) White. The fund honors the memory of Roy E. and Zelma L. Roeder, parents of Mrs. White.
Establishment of Named Funds (contd)

Roy E. and Zelma L. Roeder Memorial Fund (contd)

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 occasion dictates.

The annual income is to be used in support of programs in business and/or music at The Ohio State University at Lima. A portion of the income will be awarded annually as the “Roy and Zelma Roeder Award” to the outstanding student(s) in music and business. Recipient(s) of the award will be selected by the dean and director or his designee. The remainder of the income will be used to benefit the music and/or business programs on the Lima Campus. All expenditures must be approved by the dean and director in consultation with the vice president for regional campuses.

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 the recommendations of the vice president for regional campuses in consultation with the administrators of the Lima Campus.

The Elizabeth Kiss Amstutz Scholarship Fund

The Elizabeth Kiss Amstutz Scholarship Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Daniel G. Amstutz, B.S.Bus.Adm. ’54.

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 scholarships for one or more talented undergraduate or graduate students in the College of Humanities. Recipients will be determined by the established procedures within the college with final approval by the dean, who will also approve requisitions for payment.

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 curricula in the College of Humanities.
February 5, 1982 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 Gordon M. Amstutz Scholarship Fund

The Gordon M. Amstutz Scholarship Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Daniel G. Amstutz, B.S.Bus.Adm. '54.

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 scholarships for one or more students in the College of Engineering. The selection of the recipient(s) shall be made by the University Committee on Student Financial Aids with recommendations from 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 curricula in the College of Engineering.

The Loudenslager Scholarship Fund

The Loudenslager Scholarship Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. and Mrs. Forest D. Loudenslager, Marion, 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 or reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships awarded annually to deserving students of merit who are entering The Ohio State University at Marion, Ohio, and who express an interest in pursuing study leading to a degree awarded by the College of Agriculture and Home Economics. The selection of the recipient is to be made upon the recommendation of The Ohio State University Marion Campus Scholarship Committee in consultation with the Vice President for Regional Campuses and Dean of University College. Consideration shall be limited to students who are residents of Marion or Wyandot or Crawford or Morrow or Delaware or Union or Hardin County, 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 determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official who is then responsible for agricultural scholarships.
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Renal Research and Development Fund

The Renal Research and Development Fund was established February 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni and friends of the Division of Renal Diseases, Department of Medicine.

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

The principal and/or income is to be used to support and advance the Division of Renal Diseases and research within the Division of Renal Diseases.

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 Division of Renal Diseases.

The Katrina Louise Winzenried Memorial Scholarship Fund

The Katrina Louise Winzenried Memorial Scholarship Fund was established February 5, 1982, 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 Katrina Louise Winzenried.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 at The Ohio State University with first preference given to students from Hardin County, Ohio. Applicants who have demonstrated academic ability will be given favored consideration. The selection of the recipient(s) shall be made by the University Committee on Student Financial Aids with recommendations from any of the following:

1. Hardin County OSU Alumni Club
2. Hardin County High School Principals

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 scholarship purposes whatsoever as determined by the Board of Trustees with recommendations from the University Scholarship Committee.
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Fund

From: William H. Davis Scholarship Fund for Basic Medical Research
To: William H. Davis Endowment for Basic Medical Research

This Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from William H. Davis, B.S.Bus.Adm. ’26, of Columbus, Ohio.

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

The annual income is to be used to support basic research in medicine to provide one or more scholarships to young scientists who have shown an interest in academic medicine as a career. All recipients should have an M.D. degree and should have had at least three years of training in research or in a graduate discipline. Income from the Fund will pay for expenses other than for the salaries of the researchers, provided that, if more than four researchers are employed at any one time and if income from the Fund is then sufficient, it may be used for salaries of researchers in excess of four individuals. During the first two years of the Fund’s operation, the income should be equally divided between the Department of Surgery and the Department of Medicine. Thereafter, the division of funds will be determined by the Advisory Board.

There shall be an annual deadline for the submission of applications to become “Davis Scholars.” Prospective scholars may be nominated by any faculty member in the Departments of Medicine or Surgery. The selection of research projects and the appointment of “Davis Scholars” will be made upon the recommendation of the Dean of the College of Medicine and Vice President for Health Sciences, in cooperation with an Advisory Board named by the Vice President for Health Sciences and whose members will include three (3) from within the University and two (2) non-physician representatives from outside the University, for a total of five. The members from the community-at-large should be individuals of considerable accomplishment in their respective fields, whether that be business, law, journalism or any other profession. Dorothy M. Davis and William C. Davis shall be members of the Advisory Board during their lifetimes or as long as they wish to serve, and in the event the service of either should terminate, the replacement shall be an individual who is qualified as stated above and who is nominated for this purpose by William H. Davis by letter or by will. All expenditures shall be approved by the Dean of the College of Medicine and the Chairman of the department from which the scholar is selected and/or from which the research project originated.

Any income resulting from the research provided by the Fund will be added to and maintained as part of the principal of the Fund in accordance with University policies on copyrights and patents. “Davis Scholars” may accept temporary assignments at other institutions to further their research, in accordance with the personnel policies of the University, but should return to Ohio State for a minimum of two years to teach and/or continue their research efforts.
February 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

William H. Davis Endowment for Basic Medical Research (contd)

If at a later date a gift is received from Dorothy M. Davis, the name of the Fund shall be changed to the WILLIAM H. AND DOROTHY M. DAVIS ENDOWMENT FOR BASIC MEDICAL RESEARCH. An annual report of income and expenditures shall be prepared for the Advisory Board and William H. Davis, Dorothy M. Davis and William C. Davis.

Should the need for these scholarships and/or research projects cease to exist or so diminish as to provide unused income, then the income may be applied to principal or used only for basic medical research purposes recommended by the appropriate administrative official of the University who is then directly responsible for basic medical research.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS

Resolution No. 82-67

STUDENT SERVICES BUILDING RENOVATION

Synopsis: Authorization to employ an architectural/engineering firm and request for construction bids is proposed.

WHEREAS the Student Services Building was constructed in 1910 and has now deteriorated to the point where immediate attention must be given to the building in order to save it from complete deterioration; and

WHEREAS it is necessary to make repairs to the roof, the masonry and the foundation walls, and to replace the original wooden windows; and

WHEREAS $650,000.00 has been appropriated in Amended Substitute House Bill 552 for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to proceed 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
February 5, 1982 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS (contd)

STUDENT SERVICES BUILDING RENOVATION (contd)

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration 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. Immke, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous roll call vote.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS

Resolution No. 82-68

STADIUM SCHOLARSHIP DORMITORIES - REPAIR AND RENOVATION

Synopsis: Authorization to employ an architectural/engineering firm and request for construction bids is proposed.

WHEREAS extensive investigations and engineering studies have revealed the need to repair and renovate the scholarship cooperative dormitory space underneath the west side of the Ohio Stadium; and

WHEREAS this area houses over 300 students and this project will improve environmental conditions and safety within the area, including correction of current code deficiencies, improvements for handicapped accessibility and energy efficiency, and renovation work which will extend the life of the current space; and

WHEREAS $5,114,920.00 has been provided by Residence and Dining Halls for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to proceed 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 Administration 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
February 5, 1982 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS (contd)

STADIUM SCHOLARSHIP DORMITORIES - REPAIR AND RENOVATION (contd)

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 Dr. Jacob, the foregoing resolution was adopted by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 82-69

Synopsis: Plans and specifications are being proposed for the following project.

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

NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA)
TITLE III PROGRAM - CYCLE II

McCRACKEN POWER PLANT - DESUPERHEATERS
AND PIPING INSULATION RETROFIT - ECM-3

Project: Installation of a desuperheater in the Power Plant to reduce temperature of steam distribution through the system, and to also install additional insulation on piping in selected areas in the five-mile tunnel system to further reduce heat losses; these modifications will substantially save dollars in energy costs and will have a two-and-one-half-year payback.

Funding: Federal Grant, Ohio Board of Regents, University Funds (B/A 885147)

Estimated Project Cost: $518,604.00

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 Administration be authorized to sign the plans and specifications for this project and in accordance with established University procedures, to request construction
bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts, with all actions to be reported to this Board at the appropriate time; and

BE IT FURTHER RESOLVED, That all actions related to the award of construction contracts for this project shall be contingent upon approval by the Controlling Board for the release of the Ohio Board of Regents matching funds appropriated to the Regents for this project in Amended Substitute House Bill 552.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the foregoing resolution was adopted by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 82-70

Synopsis: Plans and specifications are being proposed for the following projects.

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

GAS LINE PROTECTION

Project: Installation of protection on OSU gas distribution lines to reduce the rate of deterioration and extend the life of the system. It will include the installation of electric isolators to insulate and sectionalize pipes. Cathodic protection will be installed to decrease the rate of corrosion.

Funding: Amended Substitute House Bill 552 (Utilities and Renovation)

Estimated Project Cost: $150,000.00

The estimates of cost for the following projects for parking lot maintenance have been increased from amounts originally approved by the Board on April 3, 1981. The initial approval included only projects for the fiscal year 1981; these revised projects have been expanded to include work not completed in 1981, plus work planned for 1982. The type of work remains the same.
February 5, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

PARKING LOT MAINTENANCE, 1981-82
RESURFACING AND DRAINAGE MODIFICATIONS

Project: Resurfacing and drainage modifications will be accomplished for the following parking lots:
- Dentistry Lot
- French Field House/St. John Arena - North Lot
- Printing Facility - East Lot
- Tuttle Park Lots 3 and 4 West and 1 and 2 East
- Water Resources Lot
- French Field House - South Lot
- Fawcett Center - North and South Lots
- Transportation Lot

Funding: Budget Account 885071

Estimated Project Cost: $572,969.00

PARKING LOT MAINTENANCE, 1981-82
PATCH, REPAIR AND SLURRY SEAL

Project: Patch, repair and slurry seal work will be accomplished due to deterioration on the following lots:
- University Airport - Main Parking Lot
- Dodd Hall - South Lot
- Research Center Lots

Funding: Budget Account 885071

Estimated Project Cost: $214,167.00

PARKING LOT MAINTENANCE, 1981-82
PATCH, REPAIR AND EMULSION SEAL COAT

Project: Patching, repairing and seal coating will be accomplished for the following parking lots due to deterioration:
- Women's Field House
- Drackett (North of Curl Drive)
- Cunz Hall
- Kinsman (Belmont and 10th Avenue)
- Sisson Hall (Northeast)
- Laundry
- Goss Laboratory

Funding: Budget Account 885071

Estimated Project Cost: $46,635.00
February 5, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

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 Administration 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. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACT AND ESTABLISHMENT OF CONTINGENCY FUND

Resolution No. 82-71

Synopsis: A contract has been awarded for the project listed below to the lowest and best bidder in accordance with University procedures.

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Administration 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 a contract for the following project:

OHIO UNION, REPLACE ELEVATOR

Description: Installation of new passenger elevator to replace obsolete elevator for which repair parts are no longer available. The new elevator will be complete with handicapped features added.

General Contract

| Date Received: | December 9, 1981 |
| No. of Bids: | 2 |
| Low Bid: | $78,839.00* |
| High Bid: | $102,198.00* |
| Estimate of Cost: | $115,000.00* |
| Awarded to: | Dover Elevator, Columbus, Ohio |

*Recommended Alternates reflected in these figures.
REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)

OHIO UNION, REPLACE ELEVATOR (contd)

Total Contract: $78,839.00
Total Contingency Allowance: $5,075.86 which is 6 per cent of construction contract
Total Project Cost: $86,000.00
Funding: Budget Account 885160

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the
award of a contract and the establishment of project funds and a contingency fund for the
project listed above are hereby reported.

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

SALE OF PROPERTY - 111.508 ACRES IN PLEASANT TOWNSHIP,
FRANKLIN COUNTY, OHIO (HENDERSON FARM)
Resolution No. 82-72

Synopsis: Sale of the University's interest in 111.508 acres of the Henderson Farm in Pleasant
Township of Franklin County is proposed.

WHEREAS pursuant to the Last Will and Testament of Dr. Roger C. Henderson, this Board
acquired an undivided one-half interest in a certain approximately 228.61-acre tract of real
property (known as the Henderson Farm) located in Pleasant Township, Franklin County,
Ohio, which real property is more particularly described in the Certificate of Transfer issued
by the Greene County, Ohio, Probate Court on February 24, 1981, and recorded in Official
Records Volume 626, pages C09 through C11, both inclusive, Recorder's Office, Franklin
County, Ohio; and

WHEREAS on March 2, 1981, Margery W. Henderson, as grantor, and the Treasurer of The
Ohio State University, as Trustee, entered into a Charitable Remainder Annuity Trust Agree-
ment pursuant to which Margery W. Henderson gave, assigned, and conveyed to the Treas-
urer the remaining undivided one-half interest in the Henderson Farm (together with other
personal property described in the Trust Agreement); and

WHEREAS the Board of Park Commissioners of the Columbus and Franklin County Metropo-
litain Park District has submitted an offer to purchase a 111.508-acre portion of the
Henderson Farm for $228,591.40; and
SALE OF PROPERTY - 111.508 ACRES IN PLEASANT TOWNSHIP, FRANKLIN COUNTY, OHIO (HENDERSON FARM) (contd)

WHEREAS it is the desire of this Board to accept the offer of the Board of Park Commissioners and sell all of this Board's right, title, and interest in and to the 111.508-acre portion to the Board of Park Commissioners; and

WHEREAS the Treasurer, as Trustee, has agreed to this sale and authorized the University to proceed on his behalf; and

WHEREAS the University and the Treasurer, as Trustee, are in mutual agreement as to the selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Administration 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 the 111.508-acre portion of the Henderson Farm to the Board of Park Commissioners and to grant to the Board of Park Commissioners an easement running approximately along the south property line of the remaining 117.1-acre portion for ingress and egress to and from the 111.508-acre portion and Gardner Road.

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

COMPLIANCE WITH REGULATION OF THE OHIO PUBLIC FACILITIES COMMISSION

Resolution No. 82-73

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 552 enacted by the 114th General Assembly, is required to authorize a designated official to sign and submit to the Ohio Public Facilities Commission documentation required with respect to the individual projects for which funds are appropriated; and

WHEREAS in submitting this documentation each institution is required to permit the Commission to use designated institutional sites for the purpose of these projects and to agree to undertake the performance of the functions and responsibilities of a using governmental agency as provided in the Commission's regulations with respect to such projects:
COMPLIANCE WITH REGULATION OF THE
OHIO PUBLIC FACILITIES COMMISSION (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to complete, sign, and submit to the Ohio Public Facilities Commission documentation required by the Commission for any or all of the projects for The Ohio State University provided for or pursuant to the appropriations made under Section 11 of Amended Substitute House Bill 552 enacted by the 114th 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. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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APPOINTMENT OF INVESTMENT COUNSELORS
Resolution No. 82-74

Synopsis: Appointment of Investment Counselors is being proposed.

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee, the following investment policies pertaining to the University’s Endowment 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 totalling the initial amounts indicated:

- The Chicago Corporation $14,000,000
- Huntington Investment Management Corporation $19,500,000
- Siebel Capital Management, Inc. $11,000,000
February 5, 1982 meeting, Board of Trustees

APPOINTMENT OF INVESTMENT COUNSELORS (contd)

Appointment of the following-named investment manager to counsel in Endowment investments totalling the initial amount indicated:

Webster Management Company $1,000,000

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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REPORT - UNIVERSITY’S INVESTMENT PORTFOLIO

Resolution No. 82-75

RESOLVED, That the report on the University’s Investment Portfolio, dated January 15, 1982, 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, March 5, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
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THE OHIO STATE UNIVERSITY

OFFICIAL PROCEEDINGS OF THE

ONE THOUSAND ONE HUNDRED AND SEVENTY-SEVENTH MEETING

OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 5, 1982

The Board of Trustees met at its regular monthly meeting on Friday, March 5, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


* * * * *

Minutes of the last meeting were approved.

* * * *
March 5, 1982 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

President Jennings:

Mr. Chairman, at the last Board meeting some good discussion developed regarding our dormitory system. I have today requested Mr. Bill Hall to provide this Board with a general overview of The Ohio State University's Dormitory System. Mr. Hall is our Director of Residence and Dining Halls.

REPORT - THE OHIO STATE UNIVERSITY DORMITORY SYSTEM

Mr. William Hall:

Mr. Chairman, Members of the Board: I would like to present you a member of my staff that will do the overview, and the reason that I picked this individual he represents, I think, the tip of the iceberg in terms of the professionalism that exists within the Residence Hall System. Mr. Roger Meyer has over 20 years of experience in the system and has virtually worked in every functional area within the system.

Mr. Roger Meyer:

Thank you. Starting our presentation out this afternoon concerning the Residence and Dining Halls at The Ohio State University, we thought this picture of University Hall might be quite appropriate because for many people this building--University Hall--stands as a strong symbol of what the University means to them. We need to think back but a relatively few years ago when it was necessary for the University to tear down the original building to make way for the building that now stands and remember what some of the outcry was from the public and various of the alumni. Very honestly University Hall stands as a strong symbol for us in Residence and Dining Halls as well, in terms of the kind of relationship that has existed for a great many years. History tells us, for example, that in 1873 when University Hall was initially constructed and opened, that there was an area set aside on the first floor for the housing of students. History tells us that the rooms were created there by the mere hanging of curtains as room dividers. There was an area set aside for the preparation of meals and Professor Mendenhall was selected as the Head Resident and lived there in this facility with his wife and with his son. So from the very early beginning, the residential concept has been one that has been intertwined with the University in meeting its broad mission, and it's a kind of relationship that has continued to flourish over the years until the present time--today--when we find provided throughout the University campus a variety of Residence and Dining Halls facilities.
March 5, 1982 meeting, Board of Trustees

REPORT - THE OHIO STATE UNIVERSITY DORMITORY SYSTEM (contd)

Mr. Roger Meyer: (contd)

On the north edge of campus, for example, between Lane Avenue and Woodruff Avenue, there is a North Area of residence halls. On the south edge of campus, between 12th Avenue and 11th Avenue, we have the South Area residence halls. Then just northwest of the central campus is Buckeye Village which is our family housing unit. Then along the Olentangy River we have the Olentangy Area of residence halls which consists of Lincoln Tower, Morrill Tower, and Stadium Scholarship Dormitory in the Stadium, which was an item on the Board agenda at the last meeting.

Then just east of High Street there are a few homes that we operate as co-op scholarship units there as well. In all of these facilities the University accommodates about 11,500 students; and they consist of graduate students, professional students, undergraduate students, international students, scholars, of course, married students living in Buckeye Village. And in accommodating this variety of students, obviously we have got a variety of relationships and programs that exist within the University.

Accommodating graduate students, for example, we do have a relationship with the Graduate School. With the undergraduate colleges, there is a variety of relationships that we have with respect to some of the special programs that we have in the residence halls. For example, we have the Honors Residential Center which is located in Taylor Tower in the North Residence Halls Area and that particular program is tied in with the Colleges of the Arts and Sciences. There we accommodate about 400 students. Men and women students are eligible for that program. They need to be honors students--Grey Austin and Jack Cooley in the Honors Program Office in the Colleges of Arts and Sciences have for years worked with that program, selecting the students eligible to live there and trying to accommodate and provide as much faculty interaction with that program, trying to provide as many enrichment experiences as possible in this Honors Residential Center. As a matter of fact, for the next year we are looking at the possibility of expanding that program even beyond the 400 spaces that currently exist.

We have the Engineering Residential Centers tied in with the College of Engineering. Those are located in Houck House in the North Area, as well as in Morrill Tower in the Olentangy Area. That is a program that has been in existence for a number of years, has received excellent support from the College of Engineering, and it is an opportunity for faculty to come into the residence halls there where we provide computer terminals; they work with students on the computer equipment there--faculty come in to talk to students about the nature of the engineering profession, and generally it has attempted to encourage a great deal of student and faculty interaction there.

Women in Health Sciences is a program that we have offered in Mack and Canfield Halls in the South Area Residence Halls, as well as in Lincoln Tower in the Olentangy Area.
March 5, 1982 meeting, Board of Trustees

REPORT - THE OHIO STATE UNIVERSITY DORMITORY SYSTEM (contd)

Mr. Roger Meyer: (contd)

With the College of Agriculture, Home Economics, and Natural Resources, we have had a very long standing program existing in Norton and Scott Houses in the North Residence Halls. There, Ray Miller and Ted Darrow have been principals who have once again been responsible for selecting students, for providing continuous support for that program, and generally insuring its success. Roy Kottman was up here just a little bit ago, and he happens to be a very strong supporter of that program as well, and involves himself and spends a portion of his time with that program.

The Multicultural Center is our newest program in residence halls. It has been started this year, and it is located in Blackburn and Haverfield Houses in the North Area, and as the name might suggest, it is a program opportunity for students who may be interested in learning more about cultural differences and cultural similarities to participate in that program.

Olentangy Area programs are located in Lincoln and Morrill Towers, and it is a type of program that is a support program. Students, by and large, who participate in that program submit to some testing. Some test instruments are sent to them at their homes. The results of those tests can be used then in terms of completing their specific assignments with roommates, assignments with other students in an academic--of a like academic interest, or assignment of students in areas of special interest other than academic considerations. This program is aimed primarily at freshmen students who are enrolled in University College, and it tries to anticipate the concerns, the interests, the problems that students may have in moving from the high school experience to the University experience.

We have had a couple of very fine spinoffs from that program. There are some indications that are coming back to us of its success. We find, for example, those students indicating that they feel a better sense of belonging as they participate in that program in these Towers. With that improved sense of belonging comes a tighter community feeling, and there are some payoffs there in terms of--there are some indications that there is less damage to the public areas--a little bit more ownership to the facility and to the community there. With the smoke detector system that we just recently installed and we will have a few comments on in a little bit, we have noticed some excellent staff support and student support in that facility. So some of the attitudinal concerns we kind of think that we are getting at and turning around just a bit. As a matter of fact, we appreciate some of the comments we have been receiving, too, of improved intellectual development, some indications of that as well. So we are very interested in continuing these programs here.

The last listed here is the Cooperative Scholarship Housing Program, which as indicated earlier, is in the Stadium Scholarship Dormitory. It is our oldest residence hall program. As a matter of fact, the alumni in that unit are getting ready to celebrate the 50th year since the start of that program. This facility is unique,
March 5, 1982 meeting, Board of Trustees

REPORT - THE OHIO STATE UNIVERSITY DORMITORY SYSTEM (contd)

Mr. Roger Meyer: (contd)

too, in terms of the fact that it does have an alumni organization. This is a facility that accommodates about 360 students. It is a unique community, there is a unique fabric to it and there is a very close sense of identity with that program which obviously continues then into the years after the University experience with the alumni organization as it exists. There are two criteria that students must meet on a continuing basis to be eligible to live there. One is they must maintain themselves scholastically in the upper 25 percent of their respective college class (that's on a continuous basis). The other aspect is the criterion of financial need. They must meet financial need criteria on an ongoing basis there as well. So we are very pleased about that program and its very long life at the University here.

Well, in addition to these more formally structured programs there is a variety of programming activity that goes on beyond these formal kinds of relationships. Our professional staff in the residence halls that we have provided are working continuously, working with student leadership, and providing a wide range of program interest for students in the residence halls. That range could be from working with student development programs in individual halls to involving students in administrative policy review and administrative policy formulation. In the dining commons, it can range from providing theme dinners or special event dinners, to providing nutrition and nutrition education programs, weight control programs, and so on.

We provide 'how to study' sessions in the residence halls to improve study skills, and also set aside areas for students to study as well as quiet areas for students to live. We have sessions regarding energy conservation, trying to develop that consciousness about conserving resources, as well as having education programs with respect to the smoke detector system that has been installed. We are counseling with students regarding their personal concerns, as well as counseling with students regarding their academic, their career, and their vocational concerns. So a myriad of activities is being conducted in the halls. The professional staff, working with the student services staff and their resources, and working with faculty and staff of the University to bring them into the residence halls. The facilities that we are talking about permitting us to do these programs--there is another point I want to make--these are the kinds of things that we do during the academic year in the residence halls.

During the summer months when the University's enrollment takes a bit of a dip, so does our occupancy within residence halls, and it is at that time after we have accommodated the students that require Summer Quarter housing that we make our facilities available for other aspects of the University who may be able to benefit from them. For example, in University College, the University's Orientation Program is administered for those students attending that new student orientation program; we accommodate them in Morrill Tower. We also accommodate there during the summer months the parents who attend the University's Parent Orientation Program. Remaining facilities that are not utilized or needed
March 5, 1982 meeting, Board of Trustees

REPORT - THE OHIO STATE UNIVERSITY DORMITORY SYSTEM (contd)

Mr. Roger Meyer: (contd)

during the summer months for Summer Quarter housing are offered through the Office of Continuing Education to various of the administrative and academic units of the University that are interested in conducting special meetings, special programs, conferences, and so on during the summer months. So what we are trying to do is to keep our facilities in as much service as possible to the entire University community.

The facilities that we are talking about are 72 structures and for the most part they consist of residence halls for undergraduate and graduate students. They consist of the family living units in Buckeye Village, our dining and kitchen facilities provided in the North, South, and Olentangy Areas (incidentally furnish about 4.3 million meals per year). And then completing the 72 buildings we have several support facilities that are in our complex as well. These units were constructed by the University and opened between the years 1908 when Mack Hall was brought on line to 1969 when Jones Tower, our graduate facility, was opened. All of these facilities together comprise about 3.1 million square feet and the replacement value of those facilities has been calculated at $163 million, and I might add that is in 1981 dollars.

Completing that scenario just a bit, we operate on a current annual budget of about $27 million. We employ about 560 classified civil service employees, about 38 professional staff, and provide employment opportunities for about 1,200 students and we do this kind of with the idea in mind that it is a financial aid type of opportunity for students to participate in, and help defray some of their costs of attending the University. Our concern--the Office of Residence and Dining Halls was established by the University in order to administer these facilities and there were four chief responsibilities given to that office, one of which is the educational programs that we have already discussed here briefly. Another has to do with the office operating these facilities on a self-support basis, trying to keep the fees just at the lowest level possible. A third responsibility is that of while operating the residence halls on a self-support basis, we operate them in such a way, too, that we repay the bondholders on proper schedule. The final responsibility, or the fourth responsibility, is that of administering the physical plant on a current basis, as well as on a future basis, appreciating that there are needs that the facilities will be having for the future to maintain them in service. In that regard, with an eye toward the future, we had just completed a study of our facilities--25-year look into the future--to see what might be involved in maintaining them in service to the University. We enjoined a firm--Alden E. Stilson & Associates--for the purpose of conducting that study, and they have completed it, they have given us the results, and we are studying them now trying to develop the program that is most appropriate to follow through on that.

In closing this brief overview, we thought it might be appropriate to leave with you a few of today's immediate challenges that we find ourselves involved in, and we find ourselves expending our energies on. Capital improvements requirements I have just mentioned in terms of the facility review that we just had
March 5, 1982 meeting, Board of Trustees

REPORT - THE OHIO STATE UNIVERSITY DORMITORY SYSTEM (contd)

Mr. Roger Meyers: (contd)

completed. We learned that in the 25-year frame that our costs might be about $92 million in 1981 dollars that we might have to develop programs in order to maintain the facilities in proper service. Narrowing that down just a bit, we could look at say the next five years of that 25-year period, and there we are looking at a cost of $22.5 for the program that has been outlined for us. We have a real challenge there in trying to meet that program because we have very limited accumulated reserves within the residence halls, and we know that we are in no position to approach the State Controlling Board for funds, nor are we in a position to approach the University for appropriated monies, so it is definitely an immediate challenge to determine how it is that we are going to develop the funding to meet that capital improvement program.

Well, another aspect that has our energies consumed right now is that of budgeting for the fiscal year 1982-83 and doing that budgeting in such a way that once again we are going to be able to provide services at the lowest possible fees, and we may have to be adjusting some service levels in residence halls this year with some of the other factors that need to be recognized. The budgeting is also going to be done, and is being done, in terms of recognizing the assigned indirect administrative overhead charges and then also the budgeting is being done with an eye toward developing, setting aside more in the way of capital reserves to help meet these capital improvement requirements here. Well, these are some of the challenges that we are working with on a day-to-day basis, but it is very definitely with the idea in mind that what we are trying to do is maintain the education programs, the educational dimensions, the educational support that is appropriate for the University's students as they live in residence halls and that are appropriate for the University's very broad mission, and as a matter of fact we feel that we have been trying to be about for these many years here.

Mr. William Hall:

While I have the Board's attention, I would like to comment on one specific aspect of the Residence Hall program and that is the Board authorized, approximately two years ago, the expenditure of funds for the early warning or smoke detector system that we installed in the Residence Halls, and I would like to give the Board just a brief update of the success that we have had with that program. The brief report before you will indicate the substantial reduction in nuisance alarms, if you will, that we have had within the system which ultimately has increased the safety that we do provide to the residents. From our initial design of this project, it was our hope that we would, when we completed the installation, have a system that was first of all manageable; and one that we would operate with a minimum of cost; but you will note before you that we have installed approximately 7,000 sensing devices in the residence hall system. And the uniqueness of our system is that we no longer, for example, evacuate a 24-story high-rise building. It is now done in a zone evacuation basis. For example, if an alarm is
March 5, 1982 meeting, Board of Trustees

**REPORT - THE OHIO STATE UNIVERSITY DORMITORY SYSTEM (contd)**

Mr. William Hall: (contd)

sounded on the twenty-second floor, we will evacuate that floor and the floor above. It was a rather horrifying experience to evacuate 24 floors, for example, at three o’clock in the morning. I don’t know if you have even seen that happen, but it was definitely a complicated procedure.

The other feature that we have in our high-rise buildings is that we have a fire command system whereas if the fire chief should come into that building he has immediate access to each and every floor in that building through a verbal communication system or he can give directions to students and staff as to where they can move throughout that building to stay away from smoke or fire. The other unique feature that we have in this system is that we have a staff alert system, whenever there is an alarm in the building that the residence hall staff immediately knows by monitoring central panels where that alarm is. A signal is sent to each resident advisor on that floor and they can check out that alarm. Immediately we will know whether it is a trouble alarm or an incident where smoke or fire exists where we call the fire department. But in essence we are most pleased with the system. It is very effective and we have enhanced the safety of our residence halls students tremendously on this campus. Thank you.

President Jennings:

Thank you Bill. I think as you can see we are awfully proud of our residence and dining halls system. Modestly, you folks have provided a good overview. I think it is important to recognize that in the University, in particular Ohio State, this is indeed a resident campus, and that the dormitory and food service activities are, we believe, fundamentally for educational purposes--that the learning and living environment provided in the residence halls system is enormously important to the undergraduate and graduate education opportunities for the student. The students’ classroom activities are critical but all the learning and teaching does not go on just in classrooms. The residence halls are an integral part of that, and I am frankly quite proud to see such a complete system.

As you can also see, the residence halls, like the entire University, is plagued with financial difficulties. The Stadium Dormitory issue is another example of some of the problems that get generated from a general lack of funding in this institution. While the residence halls are not generally supported by state appropriation, part of the problem, whether it is with the Stadium Dorm or any place else, is coming from the inadequate support of the General Assembly right now because we are having to call on the residence halls to do more of the academic activity than they have done in the past, and they are doing a great job on that but some of the effects are being seen in curtailment, particularly in capital activities. Thanks very much Bill.

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March 5, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 82-76

Synopsis: Resolutions honoring the service of six of this 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 foregoing resolution was adopted by the Board of Trustees by a unanimous voice vote.

Malcolm M. Helper

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 1, 1981, of Malcolm M. Helper, Professor in the Departments of Pediatrics and Psychology.

Dr. Helper was born on March 27, 1928, in Henry, Illinois. Growing up in an intellectually stimulating family while living in an isolated rural setting left an indelible imprint on his character. Until the end he seemed more the homespun farmboy than the polished professional, his unassuming manner and his common touch being inbred. He viewed his numerous achievements with inner amusement and a touch of incredulity, since neither competitiveness nor self aggrandizement was in his nature.

Professor Helper has been the Acting Chief both of the Division of Psychology in the Department of Pediatrics and the Section on Child Development and Psychology of Columbus Children's Hospital since 1977. Prior to coming to The Ohio State University, he held positions at the University of Nebraska College of Medicine and the Nebraska Psychiatric Institute in Omaha.

Dr. Helper's brilliance was evidenced in all of his intellectual undertakings. He graduated from the University of Illinois in 1949 with University Honors and Phi Beta Kappa. Subsequently he published on a wide array of topics ranging from the acculturation of the American Indian adolescent to the effects of chlorpromazine on learning in emotionally disturbed children. His command of the literature and of research methodology was awesome. Ask him about almost any topic and he would be apt to come up not only with author and title but journal and date as well. His command of research design and statistics was equally impressive. But what no listing of publications can capture is Dr. Helper's priceless impersonality - that clear separation of intellect from ego which enables ideas to be evaluated on their merit alone.

Dr. Helper was a superb clinician. He had that rare ability of being aware of complexities and contingencies, yet of being simple and direct in discussing children and making recommendations. Moreover, in all of his dealings with troubled parents and children, his humanity was as deep as his insights were keen.
March 5, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Malcolm M. Helper (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding at 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 a humble expression of the Board’s heartfelt sympathy in their bereavement.

Alex Laurie

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 1, 1982, of Alex Laurie, Professor Emeritus, Department of Horticulture.

Dr. Laurie was born on May 23, 1892, in Bordeaux, France. He received a B.S. degree in horticulture from Cornell University in 1914 and a M.A. degree from Washington University in 1917. He was an Instructor at the University of Maine from 1914 to 1916 and was a horticulturist at the Missouri Botanical Gardens from 1916 to 1925. From 1925 to 1929 he was an Assistant Professor of Horticulture at Michigan State College. He came to The Ohio State University in 1929 as a Professor of Horticulture. He resigned from this position in 1952 after twenty-five years of dedicated service.

Among his many accomplishments were the establishment of two of the major florists organizations in existence today. He organized the Ohio Florists’ Association in 1929 and served as the organization’s Secretary/Treasurer from 1929 to 1952. In 1937 he organized Roses, Inc. and served as the Secretary/Treasurer of that organization until 1954.

Professor Laurie has received numerous awards: Hall of Fame of the Society of American Florists, Fellow of the American Society for Horticultural Science, Hall of Fame of the Florida Foliage Association, and Alex Laurie Award of the Society of American Florists.

Among the many organizations of which he was a member are The American Society for Horticultural Science (President, 1936), Sigma Xi, Pi Alpha Xi, Alpha Zeta, Phi Sigma, Pi Kappa Phi, and Gamma Sigma Delta.

Perhaps his most significant research contribution was the commercial application of the principle of photoperiodism whereby the flowering of many plants could be controlled by manipulating the length of day.

Professor Laurie was a dedicated and highly respected educator. He served as advisor to over five hundred floriculture students at The Ohio State University. Of these five hundred plus students, approximately one hundred obtained either a M.S. or Ph.D. degree under his advisiorship.

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. This is done in sincere appreciation of the Board’s realization of the loss which the family, the University, and his many friends and associates have sustained.
March 5, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wilford L. L’Esperance III

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 3, 1982, of Wilford L. L’Esperance III, Professor, Department of Economics in the College of Social and Behavioral Sciences.

Dr. L’Esperance was born in New York, New York, on December 9, 1930. He received a B.A. degree from Columbia in 1951, the M.S. degree from the Graduate School of Business, Columbia University, in 1952, and the Ph.D. degree in Economics from the University of Michigan in 1963.

Dr. L’Esperance joined the economics faculty of The Ohio State University in 1963 as an Assistant Professor, having previously held positions at the University of Michigan and Indiana University, Fort Wayne, Indiana. He served from 1953 to 1955 as a mathematical analyst with the U. S. Army's Missile Development Division at Huntsville, Alabama, as well as a marketing research analyst for General Electric Company from 1955 to 1960. He was promoted to Associate Professor at OSU in 1966 and to Professor in 1970.

Nationally recognized as an authority on state and regional econometric models, L’Esperance was the founder in 1973, and president until 1979, of Midwest Econometrics, Inc., a Columbus-based economic forecasting service owned by BancOhio Corporation. He was the first in the United States to develop a regional econometric model for Ohio to provide economic analyses and forecasts for the state, region and local governments.

Dr. L’Esperance was a very cultured man, deeply concerned with the preservation of Ohio's history, with the ethos of Central Ohio, and with the growth of Columbus. He was frequently consulted on matters of state and local economic development policy, testified before legislative committees, and was in demand as a speaker before civic associations and similar groups.

Since 1975 he served as a consultant to the Columbus Department of Development, worked on economic development plans for Central Ohio, and attracted substantial resources for improvement within the region. Mayor Tom Moody appointed him to the Technical Advisory Group of the Mayor's Economic Development Council and to the Columbus Energy Council. Characteristically, his last efforts were focused on a bill in the state legislature for the establishment of a state-wide center to promote business and economic research and development.

Professor L’Esperance authored numerous journal articles and research monographs. His first textbook Modern Statistics for Business and Economics was widely used. His latest book The Structure and Control of a State Economy was published in 1981. He was instrumental in the establishment of the Columbus Economic Review, published by the City of Columbus. He was active in the American Economic Association, the American Statistical Association, the Regional Science Association and the Ohio Academy of Science.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding at its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.
The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 24, 1981, of Eleanor W. Lewis, Associate Professor Emeritus in the School of Nursing.

Miss Lewis was born in Hawley, Minnesota, on January 25, 1901. She was orphaned during her early childhood. By the time she entered Colorado Springs High School, Colorado Springs, Colorado, she had gone to live with and work for a family from whom she learned much about the arts. After graduating from high school in 1918, she spent several years traveling with an ill daughter of the family with whom she lived. In 1922, she entered Radcliffe College and graduated from there in 1925, having earned an A.B. degree in romance languages. Wanting to dedicate her life to the service of others, Miss Lewis entered the second class to ever graduate in nursing from Yale University School of Nursing and graduated from there in 1928 with a Bachelor of Nursing degree.

In 1952, Miss Lewis earned a Master of Science degree with a major in Psychiatric/Mental Health Nursing from Yale University. In the interim between 1928 and 1952, Miss Lewis held a variety of positions in nursing in such institutions as the University of California School of Nursing; Grosslands Hospital School of Nursing (Valhalla, New York); Cornell University School of Nursing; Spring Grove State Hospital (Catonsville, Maryland); Institute of Living (Hartford, Connecticut); Payne Whitney Clinic, New York Hospital (New York City); Four Winds Sanatorium (Katonah, New York); New Haven Hospital (New Haven, Connecticut); Brooklyn Visiting Nurse Association (Brooklyn, New York).

In 1952 Miss Lewis accepted a dual position at The Ohio State University. She served as an associate professor at the graduate level in the School of Nursing, where she initiated the School’s Master’s level psychiatric nursing program. She also served as an associate director of nursing service at the Columbus Receiving Hospital (since renamed Upham Hall). She served in both these capacities until 1964 when she became a full-time member of the graduate faculty in the School of Nursing.

Miss Lewis spent much of her professional life upgrading the quality of nursing care available to psychiatric patients. She inspired those around her to reach for that which seemed just outside of their reach. Her unshakeable belief in and respect for those under her tutelage enabled them to mature professionally as well as personally. True to the developmental task of generativity, Miss Lewis was never too busy to lend support to younger colleagues when they were in need.

Miss Lewis’ primary contribution to the profession of nursing was in the form of actively developing new generations of psychiatric/mental health practitioners. Today these practitioners - each carrying with them the wisdoms gained through association with an expert mentor - are scattered throughout the United States and abroad.

On behalf of the University, the Board of Trustees expresses to Mr. John C. Bininger its sympathy and sense of understanding in his loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to him as a humble expression of the Board’s heartfelt sympathy in his bereavement.
The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 3, 1982, of Will Rannells, Professor Emeritus in the Department of Industrial Design.

A native of Caldwell, Ohio, Professor Rannells graduated from the Art Academy of Cincinnati in 1920. He joined the faculty of The Ohio State University in 1926 and was Professor in Art for the School of Fine and Applied Arts for 35 years before retiring in 1961.

Professor Rannells was nationally known for his canine portraits. He designed covers and illustrations for national magazines, such as Life, McCall's, Judge, Farm and Fireside, and Country Gentlemen. His annual dog calendar, produced for the Buckeye Union Company for more than 40 years, was a favorite of dog fanciers. He became widely known when he illustrated Eldon Roark's book Just a Mutt in 1947. The model for two of the book's drawings was Rannells' Irish terrier, Ginger.

Professor Rannells also illustrated a number of children's books including Waif, The Story of Spe, Animal Baby Knows, Jack, Jock and Funny, Timmy, and Animal Picture Story Book.

Listed in Who's Who in America since 1928, he was selected for inclusion in Who's Who in the World in 1979. In 1977, he was honored by the Greater Columbus Arts Festival for his contributions to the cultural arts in Columbus.

Professor Rannells put his love for dogs into action through the Capital Area Humane Society. During his 60 years with the organization, he hunted dog poisoners, investigated cases of animal cruelty, advised owners on the care of dogs and served as champion of the animal population in Franklin County. He also served as the Society's President for several years and on its Board of Directors.

Professor Rannells donated his works to the OSU libraries where they will be exhibited April 4 - May 5, 1982, in the Skylight Room of the OSU Main Library.

On behalf of the University, the Board of Trustees wishes to express to his 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 a humble expression of the Board's heartfelt sympathy in its bereavement.

John W. Riner

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 26, 1982, of John W. Riner, Professor and Vice-Chairman of the Department of Mathematics.
RESOLUTIONS IN MEMORIAM (contd)

John W. Riner (contd)

Professor Riner was born in Kansas City, Missouri, on July 29, 1924. His collegiate education was interrupted by World War II; he served on the front lines in France both before and after receiving a Purple Heart as a U. S. Army Corporal. He completed his B.S. degree at Rockhurst College in 1947. The University of Notre Dame awarded him a M.S. degree in 1949 and a Ph.D. degree with the Mathematical specialty Topology in 1953.

Professor Riner held Assistant Professor of Mathematics positions at St. Peters College from 1953 to 1956 and at St. Louis University from 1956 to 1959. He joined the Mathematics Department at The Ohio State University in 1959 as an Assistant Professor, was promoted in 1963 to an Associate Professor, and was promoted in 1970 to Professor. He has served the Department of Mathematics as Vice-Chairman continuously since 1970.

Professor Riner pioneered the development of television instruction of Mathematics in the 1960's, allowing The Ohio State University to teach mathematics to 8,000 students with only 20 faculty during a time of expansion. He also led the Curriculum Revision in Mathematics at the Elementary Level (CRIMEL) program which gained national attention as an efficient means of providing individualized paced mathematics in a modular mode to large numbers of students. He gave several invited addresses to the National Council of Teachers of Mathematics and to the Mathematical Association of America on this CRIMEL program. Professor Riner developed a liberal arts mathematics course which was especially popular in the 1970's with humanities students. He also developed a remediation program to make our Mathematics program accessible to any conscientious OSU student, regardless of preparation.

During the summers of 1965 through 1974, Professor Riner directed the National Science Foundation Institute for High School Teachers at OSU. He had been the faculty advisor for many years of The Ohio State University Sports Car Club.

Professor Riner was presented the prestigious Rosalene Sedgwick Faculty Service Award by OSU's Colleges of Arts and Sciences in 1982. He authored or coauthored four textbooks for precalculus students or business students. He also published several articles. Professor Riner was a member of Sigma Xi and of the American Mathematical Society. He was listed in American Men of Science.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding at 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 a humble expression of the Board's heartfelt sympathy in their bereavement.

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DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 82-77

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 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 March 19, 1982, 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. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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APPOINTMENT OF TRUSTEE TO THE OHIO LEGAL CENTER

Resolution No. 82-78

Synopsis: A recommendation for appointment of a trustee to The Ohio Legal Center is proposed.

WHEREAS in compliance with the Code of Corporate Regulations of The Ohio Legal Center, the Board of Trustees of The Ohio State University approves appointment of trustees from the faculty membership of the College of Law; and

WHEREAS Professor Claude Sowle will be terminating his service in the College of Law at the end of this academic year to take the Deanship at the University of Miami:

NOW THEREFORE

BE IT RESOLVED, That Professor Michael D. Rose be appointed as trustee of The Ohio Legal Center, effective March 5, 1982.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 5, 1982 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY AIRPORT RULES
Resolution No. 82-79

Synopsis: Adoption of rules governing the operation and use of the University Airport is recommended.

WHEREAS The Ohio State University owns and operates an airport facility to further enhance the nationally renowned teaching, research and service missions of the Department of Aviation; and

WHEREAS the University Airport has served owners of small aircraft in general aviation for several decades and will continue to do so into the foreseeable future; and

WHEREAS the College of Engineering and the Department of Aviation have revised The Ohio State University Airport Rules to reflect the users of the facility and to the surrounding community their commitment to the missions of the University, the college and the department; and

WHEREAS the Airport Advisory Council participated in the development of these rules, and the proposed revisions represent over two years of research and work in consultation with this Council as well as various constituent groups; and

WHEREAS revision of these policies and their codification as Rules of the Administrative Code are deemed necessary to ensure the safety of airport operations, regulate the use of airport facilities, and generally promote the efficient operation of the airport:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University Airport Rules be adopted by the Board of Trustees to become Rules 3335-105-01 through 3335-105-11 of the Ohio Administrative Code.

President Jennings:

Mr. Chairman, in the Educational Affairs Committee this morning it was recommended that the Airport rules, as recommended by myself, be adopted at this meeting. It would perhaps be appropriate if Mr. Thompson could review again the outline of those rules.

Mr. Thompson:

Thank you Mr. President. Mr. Chairman and Members of the Board: As I stated this morning--basically these rules that are proposed for adoption deal with the governance and operation of The Ohio State University Airport and deal with such matters as aircraft and flight operation, vehicles, safety and noise abatement. At the Airport we really do want to foster and encourage the use of The Ohio State University Airport and some of the revisions are necessary in the rules because of primarily four reasons:
THE OHIO STATE UNIVERSITY AIRPORT RULES (contd)

Mr. Thompson: (contd)

1. Current economic constraints on the University;
2. Concern by the community over some possible lack of control by the University over the Airport property;
3. A need to insure, because we are an educational institution, that flight instruction which is given on University premises be through our Flight Training Clinic, and if these rules are adopted, that we would attempt to implement them to accommodate all the users at the Airport; and
4. To reiterate a little more clearly, possibly, our proprietary, exclusive rights recognized under FAA policy.

The procedure that we have developed, as you heard this morning, was to meet with various constituencies who use the Airport, including the flying clubs, the corporate owners, the private aircraft based owners, as well as the State of Ohio. We have gotten a lot of their input. We have incorporated much of it into the rules and as we develop further our guidelines with respect to the Airport Manager, if these rules are adopted in the operation, we will look forward to working more closely with these groups.

President Jennings:

Thank you Mr. Thompson. Mr. Chairman, I would concur with the Committee's recommendation that these rules be adopted. I think it is important to point out that there are, as in many rules and regulations in an institution of this size, always differences of opinion and particularly differences of opinion in legal matters. I am satisfied that the process has operated here--I am also satisfied that we have in place now an ability to work through some guidelines to implement these rules so that any inconvenience will be minimized; indeed, I look forward to a good relationship with all the people using the Airport currently and those who might use it in the future. I think with the adoption of these rules, it will be very important for us to continue to work with the users of Don Scott Field to work out guidelines for implementation of these rules.

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

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PERSONNEL ACTIONS

Resolution No. 82-80

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment and/or Reappointment of Chairmen of Departments and Divisions and Director of Center, Leaves of Absence Without Salary, 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 5, 1982 meeting of the Board, including the following Appointment and/or Reappointment of Chairmen of Departments and Divisions and Director of Center, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget, be approved.

Appointment and/or Reappointment of Chairmen of Departments and Divisions and Director of Center

January 1, 1982 through June 30, 1982
Medicinal Chemistry and Pharmacognosy
*Duane D. Miller

January 1, 1982 through June 30, 1985
General Studies (ATI)
Clyde Edward Oplinger

March 5, 1982 through June 30, 1985
Judiac and Near Eastern Languages and Literatures
Frederic J. Cadora

July 1, 1982 through June 30, 1983
History of Art
Howard Crane

July 1, 1982 through June 30, 1986
Mathematics
Alan C. Wood

October 1, 1982 through June 30, 1984
Slavic and East European Languages and Literatures
Leon Twarog

October 1, 1982 through June 30, 1986
Division of Comparative Studies in the Humanities
Center for Medieval and Renaissance Studies
Marilyn Waldman
Joseph Lynch

*Acting Chairman

Leaves of Absence Without Salary

WILLIAM H. HALVERSON, Associate Dean, University College - Administration, effective May 1, 1982 through August 31, 1982, for personal reasons.
March 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

P. JOHN KOZYRIS, Professor, College of Law, effective October 1, 1982 through December 31, 1982, to accept a visiting professor appointment at the University of Hawaii.

MICHAEL J. PERRY, Professor, College of Law, effective October 1, 1982 through June 30, 1983, to accept a visiting faculty position at Northwestern University.

MORGAN E. SHIPMAN, Professor, College of Law, effective October 1, 1982 through December 31, 1982, to accept a visiting professor appointment at the University of California at Berkeley.

DOUGLAS J. WHALEY, Professor, College of Law, effective October 1, 1982 through June 30, 1983, to accept a visiting faculty position at Hastings College of Law of the University of California system.

ANNE MORGANSTERN, Associate Professor, Department of History of Art, effective October 1, 1982 through June 30, 1983, to accompany her husband during his Professional Improvement Leave.

FRANK K. UPHAM, Associate Professor, College of Law, effective October 1, 1982 through June 30, 1983, to accept a position at Boston College and a half-time assignment to work under a foundation grant on Japanese-American legal relations.

HAIKADY NAGARAJA, Assistant Professor, Department of Statistics, effective October 1, 1981 through March 31, 1982, for personal reasons.


JANE MARIE MCMASTER, Instructor, University Libraries, effective February 8, 1982 through August 9, 1982, for personal reasons.

Emeritus Titles

MORGAN L. ALLISON, College of Dentistry (Oral Surgery), with the title Professor Emeritus, effective February 1, 1982.

HANS J. ZASSENHAUS, Department of Mathematics, with the title Professor Emeritus, effective April 1, 1982.

JOHN RICHARD BLUFF, College of Dentistry (Crown and Bridge), with the title Associate Professor Emeritus, effective January 1, 1982.
March 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

WILLIAM E. ASHLEMAN, College of Dentistry (Periodontics), with the title Assistant Professor Emeritus, effective January 1, 1982.

W. WALLACE STOVER, Academic Faculty of Special Services, with the title Instructor Emeritus, effective February 1, 1982.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 82-81

Synopsis: The reports on contracts, grants, and gifts and the summary for January 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 agreements 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 1982 be approved.

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

SUMMARY FOR JANUARY 1982

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<tr>
<th>Source</th>
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<td>Engineering Experiment Station</td>
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March 5, 1982 meeting, Board of Trustees

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

SUMMARY FOR JANUARY 1982 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Robert D. Smith Electrical Engineering Fund
(Department of Electrical Engineering) $87,250.00

The Frank J. Kloenne Memorial Orthopaedic Research Fund
(Department of Surgery) $25,000.00

The William M. and Frances Smith Junk Endowed Fund
(Students residing at Creative Living Housing Facility) $15,000.00

Susan D. Holdren Memorial Research Fund
(Leukemia research) $5,000.00

Report from Presidents Club

Members to date 4,535
1982 members: year to date 16
New members - January 1982 16

New Presidents Club Members - January 1982

L. Eugene Arnold                Kathleen M. Litter
James M. Burtch, Jr.            John A. Lott
Michael P. Cloran               Arnold E. Ross
Bernard S. Coleman              Morris Skilken
Harold H. Fry, Jr.              Robert D. Smith
Marvin L. Glassman              Clinton D. Stoner
James T. Irwin                   A. Charles Tell
Michael H. Jackson (Mrs. Daniel G.)  Stephen J. Vergamini

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March 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$646,648.00 - Department of the Army, Defense Supply Service - Washington, Washington, D. C., An Experimental Study of an Ultra-Mobile Vehicle for Off-Road Transportation, Department of Electrical Engineering (R. B. McGhee) and Department of Mechanical Engineering (K. J. Waldron), 1 October 1981 through 30 September 1982. (Project 762945 - New)


$123,924.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Ceramic Microstructure Development, Department of Ceramic Engineering, (D. W. Readey), 1 November 1981 through 31 October 1982. (Project 762134 - Continuation)

$95,934.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1982 through 31 December 1982. (Project 762976 - New)

$95,258.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Person Perception Processes in Small Groups, Department of Psychology (T. M. Ostrom), 30 December 1981 through 29 December 1982. (Project 762498 - Continuation)

$89,269.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Non-Nitrogen Containing Dopamine Agonists, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 December 1981 through 30 November 1982. (Project 762967 - New)

$82,047.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1982 through 31 December 1982. (Project 760578 - Continuation)

$79,353.00 - 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), 1 October 1981 through 30 September 1982. (Project 762438 - Continuation)
March 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$69,989.00 - 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 March 1982 through 1 March 1983. (Project 761012 - Continuation)


$59,000.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 1 March 1982 through 28 February 1983. (Project 762023 - Continuation)

$36,683.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Biochemistry of Inhibitors of Estrogen Biosynthesis, College of Pharmacy (R. W. Brueggemeier), 1 January 1982 through 31 December 1982. (Project 762520 - Continuation)

$35,691.00 - Department of the Navy, Naval Coastal Systems Center, Panama City, Florida, T-Matrix Approach to Acoustic Wave Scattering by Obstacles in the Presence of Nearby Boundaries, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 February 1982 through 31 January 1983. (Project 762980 - New)

$33,824.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, On-Board Portable Data Acquisition and Processing for Vehicle Testing, Department of Electrical Engineering (H. Hemami), 1 January 1982 through 30 September 1982. (Project 762979 - Continuation)

$32,000.00 - Department of the Army, Defense Supply Service, Washington, D. C., Ultrasonic Methods to Study Shadow Boundaries of Diffracting Cracks, Department of Welding Engineering (L. Adler), 1 October 1981 through 31 December 1982. (Project 762638 - Continuation)

$26,253.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Develop a Communications Office and Cancer Information Center, Cancer Research Center (D. S. Yohn), 16 November 1981 through 31 January 1982. (Project 761352 - Continuation)
March 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$21,450.00 - National Science Foundation, Washington, D. C., Combinatorial Problems and Their Applications, Department of Mathematics (D. K. Ray-Chaudhuri), 1 July 1982 through 30 June 1983. (Project 762779 - Continuation)

$20,966.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Environmental and Genetic Effects on Gravity Receptors: A Morphological, Physiological and Behavioral Study, Department of Otolaryngology (D. J. Lim), 1 January 1982 through 30 June 1982. (Project 760665 - Continuation)

$16,440.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Chemical Studies on Diabetic Neuropathy: Be Wistar Rat, Department of Pathology (A. J. Yates), 1 December 1981 through 30 November 1982. (Project 762966 - New)

$15,000.00 - Department of Agriculture, Office of International Cooperation and Development, Washington, D. C., Cooperative Research Linkage for The Ohio State University, Ohio Agricultural Research and Development Center and The University of Sao Paulo, Brazil, International Program in Agriculture (H. D. Baum), 1 January 1982 through 31 August 1982. (Project 762420 - Continuation)

$10,960.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 December 1981 through 31 August 1982. (Project 760043 - Continuation)

$9,069.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Supplemental Funds Program for Cooperative Education, College of Arts and Sciences - Administration, Office of Academic Affairs, and College of Engineering - Administration (M. L. Smith), 1 October 1981 through 30 September 1982. (Project 762977 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $1,908,079.00

State of Ohio Research Contracts/Grants

$165,316.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1981 through 30 September 1982. (Project 764100 - Continuation)
March 5, 1982 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)

$72,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science - Administration, Center for Real Estate Education and Research (R. L. Racster), 1 January 1982 through 15 December 1982. (Project 762738 - Continuation)

$12,896.25 - State of Ohio, Department of Health, Columbus, Ohio, The OSU Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. Zuspan), 1 January 1982 through 28 February 1982. (Project 762533 - Continuation)

$3,572.00 - State of Ohio, Department of Health, Columbus, Ohio, The OSU Family Planning Division - Infertility, Department of Obstetrics and Gynecology (M. Kim), 1 January 1982 through 28 February 1982. (Project 762534 - Continuation)

$2,965.00 - State of Ohio, Department of Mental Health, Office of Program Evaluation and Research, Columbus, Ohio, The Psychosocial Adjustment of Parents Following the Death of a Child, Department of Sociology (L. W. Richardson and J. A. Cook), 1 December 1981 through 30 June 1982. (Project 762965 - New)

$1,763.00 - State of Ohio, Department of Natural Resources, Division of Natural Areas and Preserves, Columbus, Ohio, Visitor Perceptions of the Recreational Sensitivity of Natural Areas, School of Natural Resources (J. L. Heywood), 1 January 1982 through 28 February 1983. (Project 762971 - New)

$1,560.00 - State of Ohio, Department of Natural Resources, Division of Natural Areas and Preserves, Columbus, Ohio, A Comparison of Characteristics of Visitors to Central Ohio Nature Resource Areas, School of Natural Resources (G. W. Mullins), 1 January 1982 through 31 January 1983. (Project 762972 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 260,072.25

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$326,870.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1982 through 31 December 1982. (Project 760982 - Continuation)

$253,632.00 - Various Pharmaceutical Laboratories, Research in Clinical Pharmacology, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 December 1981 through 30 November 1982. (Project 762968 - New)
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<thead>
<tr>
<th>Amount</th>
<th>Description</th>
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<tr>
<td>$122,300.00</td>
<td>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 1981 through 30 June 1982. (Project 760113 - Continuation)</td>
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<td>$100,000.00</td>
<td>Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (J. R. Bianchine), 1 October 1981 through 30 September 1982. (Project 760484 - Continuation)</td>
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<td>$74,224.00</td>
<td>Control Data Corporation, Minneapolis, Minnesota, A Proposal for the Development of a Taxonomy of Instructional Strategies, Academic Faculty of Educational Foundations and Research (K. A. Hall), 1 January 1982 through 31 December 1982. (Project 762969 - Continuation)</td>
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<tr>
<td>$30,013.00</td>
<td>Children’s Hospital Research Foundation, Columbus, Ohio, Disposition and Infusion Kinetics of Tobramycin in Newborn Infants, College of Pharmacy (J. A. Visconti), 15 January 1982 through 14 January 1983. (Project 762974 - New)</td>
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<tr>
<td>$16,600.00</td>
<td>Iowa State University-Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 October 1981 through 31 January 1982. (Project 762511 - Continuation)</td>
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<td>$12,917.00</td>
<td>Ohio Coal Research Laboratories Association, Columbus, Ohio, Newsletter for the Ohio Coal Research Laboratories Association, Inc., Program for Energy Research Education and Public Service, Graduate School - Administration (R. E. Bailey), 1 November 1981 through 31 October 1982. (Project 762554 - Continuation)</td>
<td></td>
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March 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$12,000.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1981 through 31 December 1982. (Project 762165 - Continuation)

$10,771.00 - Boehringer Ingelheim, Ltd., Ridgefield, Connecticut, Analysis of Dipyridamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 November 1981 through 30 April 1982. (Project 762928 - Continuation)

$10,653.00 - Iowa State University-Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Elastic Wave Scattering by Flaws for Application to NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 16 November 1981 through 15 February 1982. (Project 762502 - Continuation)

$10,000.00 - The Deafness Research Foundation, New York, New York, Hemophilus influenzae Otitis Media: An Animal Model, Department of Otolaryngology (T. F. DeMaria and D. J. Lim), 1 January 1982 through 31 December 1982. (Project 762545 - Continuation)


$3,024.00 - Chemical Abstracts Service, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval System, Department of Psychology (H. Shulman), 15 December 1981 through 15 March 1982. (Project 762213 - Continuation)

$2,986.00 - Franklin County Mental Health Board, Columbus, Ohio, Community Worker Project, Nisonger Center (F. A. Benson), 1 November 1981 through 31 December 1981. (Project 762450 - Continuation)

$2,700.00 - Children's Hospital Research Foundation, Columbus, Ohio, Assays of Morphine in Plasma, College of Pharmacy (R. H. Reuning), 1 January 1982 through 30 June 1982. (Project 762975 - New)


TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,083,840.75
March 5, 1982 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$15,000.00 - American Iron and Steel Institute, Washington, D. C., for Experimental Determination of Combustability-Extension 15, Department of Chemical Engineering, May 1, 1981 through April 30, 1982. (EES 307/532001, Extension No. 15)

$366,569.00 - 26 sponsors for 30 development projects under the direction of eight engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT

$381,569.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$251,250.00  William H. Davis for William H. Davis Endowment for Basic Medical Research.

$220,000.00  Battelle Memorial Institute Foundation for Battelle Scholars.

$182,360.00  John Geupel for John C. Geupel Fund in Civil Engineering.

$100,000.00  Kaplan Halpert Foundation for Jack M. George Fund.

$100,000.00  Samuel Melton for Melton Library.

$ 65,412.15  C. Barber for undesignated purposes.

$ 60,500.00  Ross Laboratories--$53,000.00 for Tumor Immunology Program; $7,500.00 for Abbott Labs - Notari.

$ 50,000.00  James Casto for Field House Track Fund.

$ 49,780.00  Berkeley Bio-Med, Inc., for Abramowitz Professorship.

$ 46,604.20  Louise Scott--$34,953.15 for William Craig and Mary Black Orr Scholarship in Medicine; $11,651.05 for William Craig and Mary Black Orr Scholarship in Pharmacy.

$ 45,000.00  Florence Johnson for Reese Arthritis Research Fund.

$ 42,927.00  John Gerlach for Presidents Club Special Fund.

$ 40,000.00  Public Welfare Foundation for Reese Arthritis Research Fund.
March 5, 1982 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)

$31,500.00 Edward C. and Hazel L. Stephenson Foundation for Edward C. and Hazel L. Stephenson Fund.

$30,000.00 MidEast United Dairy Industry--$15,000.00 for T. Kline Hamilton Award; $15,000.00 for Earl B. Poling Graduate Research Fellowship in Agricultural Economics.

$30,000.00 R & A Shafer Foundation for Student Grant-in-Aid Fund.

$27,478.00 Charles F. High Foundation for Charles F. High Foundation Scholarship Fund.

$25,988.84 Systems Associates for Cardiology Support Fund.

$25,000.00 Atlanta Rich Foundation for Geology Support Fund.

$25,000.00 Capitol Corporation for LeFevre Scholarship Fund.

$25,000.00 Cleveland Institute Electronics for Newton D. Baker Memorial Scholarship Fund.

$25,000.00 Diamond Shamrock for Professorship in Plant Protection.

$25,000.00 John Drinko for Newton D. Baker Memorial Scholarship Fund.

$25,000.00 Duphar Labs for Clinical Pharmacology Fund.

$24,426.36 University Eye Surgeons, Inc., for Eye Bank Fund.

$24,225.00 Susan Cullman for Cullman Symposium Fund.

$22,833.00 Columbus Bell Laboratories--$10,000.00 for Computer Information Science; $10,000.00 for Electrical Engineering; $2,833.00 for Engineering Administration.

$22,262.50 Gerlach Foundation for Presidents Club Special Fund.

$21,875.35 Retinal Consultants, Inc.--$19,739.68 for Retina Research Fund; $2,135.67 for Ophthalmology Photographic Fund.

$21,200.00 Patrick Vaccaro for Surgery Research and Education.

$21,000.00 AmeriTrust for Templeton Medical Research Foundation Fund.

$20,912.50 John Nordholt for Nordholt Professorship in Engineering.
March 5, 1982 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)

$ 20,500.00 Bryan Hartley--$10,500.00 for Woody and Anne Hayes Scholarship Fund; $10,000.00 for Athletic Grant-in-Aid.

$ 20,000.00 W. Lipold for Presidents Club Special Fund.

$ 20,000.00 Mildred Miller for unrestricted purposes.

$ 20,000.00 TRW Foundation--$10,000.00 for Advance Design Lab in Mechanical Engineering; $10,000.00 for Industrial Systems Engineering Campaign.

$ 19,815.67 Oncology, Inc., for Cancer Research Fund.

$ 18,992.70 James Nordholt for Nordholt Professorship-Engineering.

$ 17,408.75 Ruth Wilson for Wilson Professorship in Cardiology.

$ 16,650.00 Maurice W. Neidigh for Maurice W. Neidigh Scholarship Fund.

$ 15,370.00 Glenbrook Laboratories for Reye's Syndrome Fund.

$ 15,000.00 Daniel Amstutz--$10,000.00 for Presidents Club Special Fund; $3,000.00 for Sphinx; $2,000.00 for Athlete Grant-in-Aid Fund.

$ 15,000.00 Donald Herr for Presidents Club Special Fund.

$ 15,000.00 Mead Johnson & Company for Cardiovascular Research Fund.

$ 15,000.00 Katherine Parrett for Katherine Parrett Fund.


$ 13,927.51 Charles Sinsabaugh for Presidents Club Special Fund.

$ 12,500.00 Vesuvius Crucible for Engineering Evaluation Program.

$ 12,000.00 John Lott for John A. Lott Research Fund.


$ 10,518.45 Mildred Pritz for undesignated purposes.
March 5, 1982 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)

$ 10,095.00 Ernst & Whinney Foundation for Ernst & Whinney Accounting Grant.

$ 10,075.00 Elizabeth Carruthers for Carruthers Educational Fund.

$ 10,000.00 Alcoa Foundation for Affirmative Action--Engineering.

$ 10,000.00 Louis and Dorothy Cullman Foundation for Cullman Symposium Fund.

$ 10,000.00 Eaton Corporation for Advanced Design Laboratory.

$ 10,000.00 Founder's Trust for Newton D. Baker Memorial Scholarship Fund.

$ 10,000.00 Pulmonary Association for Pulmonary/Whitcomb Fund.

$ 10,000.00 Howard Webb for Orthodontia Library.

$ 10,000.00 David Westwater for Appalachian Project.

$ 10,000.00 Howard Winbigler for undesignated purposes.

$ 9,773.00 Ida Topper for Isadore Topper Fund.

$ 9,100.00 G. D. Searle and Company for Gastrointestinal Research.

$ 9,094.28 Garfield Memorial Church for Alec Parsons Scholarship.

$ 9,000.00 Dow Chemical Company--$6,000.00 for Dow Research Fellowship; $3,000.00 for Chemistry--Dow Research Fund.

$ 8,500.00 Cincinnati Milacron for Cincinnati Milacron Foundation.

$ 8,296.38 Melvin Moffitt for M. C. Moffitt Memorial Fund.

$ 8,000.00 Exxon Education Foundation--$4,000.00 for Administrative Science Special Fund; $4,000.00 for Geology Support Fund.

$ 8,000.00 George F. Lonz Foundation for George Lonz Foundation Fund.

$ 8,000.00 Porthouse Trust No. 1--$5,000.00 for College of Engineering Special Fund; $3,000.00 for Fontana Professorship.

$ 7,689.15 Harry Brakeman for Brakeman Memorial.
March 5, 1982 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)

$ 7,435.20 Ives Laboratories, Inc., for Cardiovascular-Pharmacy.
$ 7,037.50 Mary Wise for Fontana Professorship.
$ 7,000.00 Central Ohio Center for Economic Education for Economic Education Fund.
$ 7,000.00 Chevron USA, Inc., for Chevron Fellowship.
$ 7,000.00 Richard Falter--$5,600.00 for Animal Science Special Fund; $1,400.00 for Ophthalmology Teaching Fund.
$ 6,857.81 William Havener for Ophthalmology Teaching Fund.
$ 6,040.00 Nationwide Insurance for WOSU Support Fund.
$ 5,840.00 Antique Show and Sale for Presidents Club Special Fund.
$ 5,286.13 William Buente for Medicine Progress.
$ 5,250.00 Kibble Foundation for Kibble Foundation Scholarship.
$ 5,000.00 Gerald Allen for O'Neil Professorship in Law.
$ 5,000.00 Helen Allison for Dr. F. M. Beman Fund.
$ 5,000.00 BancOhio--$2,500.00 for Administrative Science Special Fund; $2,500.00 for Athlete Grant-in-Aid.
$ 5,000.00 Cleveland Electric Illuminating Company for Ohio Electric Utility Institute Fellowship Fund.
$ 5,000.00 Ford Motor Company Fund for Corporate Associates Fund.
$ 5,000.00 Albert and Margaret Gehres for Ohio 4-H Foundation.
$ 5,000.00 Ray Groves--$2,000.00 for Administrative Science Special Fund; $2,000.00 for Ernst and Whinney Accounting Fund; $1,000.00 for Athletic Grant-in-Aid.
$ 5,000.00 Stanley Joehlin for Presidents Club Special Fund.
$ 5,000.00 Walter Kidd--$2,500.00 for Architecture Division Fund; $2,500.00 for National Merit Scholarship Fund.
March 5, 1982 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)

<table>
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<tr>
<th>Amount</th>
<th>Description</th>
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<tr>
<td>$5,000</td>
<td>Landmark, Inc., for Professorship in Plant Protection.</td>
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<tr>
<td>$5,000</td>
<td>Allan McFarland for Student Athlete Grant-in-Aid Program.</td>
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<tr>
<td>$5,000</td>
<td>Midland Mutual Insurance for WOSU Support Fund.</td>
</tr>
<tr>
<td>$5,000</td>
<td>James Mills for Dentistry Advancement Endowment Fund.</td>
</tr>
<tr>
<td>$5,000</td>
<td>Owen Pyle for Mars Fontana Fund.</td>
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<tr>
<td>$5,000</td>
<td>Robert Swan for Rapid Adjustment Program.</td>
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<td>$5,000</td>
<td>TRW, Inc., for ElectroScience Laboratory.</td>
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Gifts-in-Kind

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<tr>
<th>Amount</th>
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<tr>
<td>$63,000</td>
<td>OSU Gamma Alpha Association Property at 95 East Twelfth Avenue</td>
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<tr>
<td>$52,850</td>
<td>Jack Howell Six standardbred horses</td>
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<tr>
<td>$40,200</td>
<td>Mr. and Mrs. Gene Sands Six Arabian horses</td>
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<tr>
<td>$37,666</td>
<td>Conard and Nancy Stitzlein Fifteen polled Hereford animals</td>
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<tr>
<td>$33,257</td>
<td>Charles Triplehorn Collection of beetles</td>
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<tr>
<td>$27,500</td>
<td>Ralph Cobey Two quarter horses</td>
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<tr>
<td>$24,000</td>
<td>Fred Johnson Fifteen Angus cows</td>
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<tr>
<td>$15,000</td>
<td>Mansfield University Foundation 1.82 acres of land</td>
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<tr>
<td>$13,627</td>
<td>Leon Twarog 502 books</td>
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<tr>
<td>$12,500</td>
<td>Gary Wade Quarter horse stallion</td>
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<tr>
<td>$11,000</td>
<td>Brent Welch Eight-year-old gelding</td>
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<tr>
<td>$ 8,419</td>
<td>Lloyd Parks 120 pieces of sterling silver</td>
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Establishment of Named Funds

The Robert D. Smith Electrical Engineering Fund

The Robert D. Smith Electrical Engineering Fund was established March 5, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert D. Smith, B.S.E.E. ’51 and M.S. ’51, of Upland, California.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with 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 Department of Electrical Engineering is authorized to invade the principal amount of the endowment if necessary. 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.

The Frank J. Kloenne Memorial Orthopaedic Research Fund

The Frank J. Kloenne Memorial Orthopaedic Research Fund was established March 5, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Jacqueline Kay Kloenne in memory of her husband, Frank J. Kloenne, of Dublin, 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 orthopaedic research within the Division of Orthopaedic Surgery, Department of Surgery, College of Medicine. The Chairman of the Division of Orthopaedic Surgery, the Chairman of the Department of Surgery, and the Dean of the College of Medicine will have 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 orthopaedic research.
March 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The William M. and Frances Smith Junk Endowed Fund

The William M. and Frances Smith Junk Endowed Fund was established March 5, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from William M. and Frances Smith Junk of Washington Court House, 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 awarded to a physically disabled student enrolled at The Ohio State University and residing at the Creative Living Housing Facility, 445 West 8th Avenue, Columbus, Ohio. Recipients will be determined by the University Committee for Student Financial Aids and the University Office for Disability Services. Preference should be given to a student with demonstrated academic ability and with the greatest financial need.

If Creative Living, Inc., should cease to exist, the income may be awarded to any physically disabled student enrolled at 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 from Student Financial Aids and the Office for Disability Services.

Susan D. Holdren Memorial Research Fund

The Susan D. Holdren Memorial Research Fund was established March 5, 1982, by the Board of Trustees of The Ohio State University with gifts from her family and friends.

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

Income from the fund must be used to support and advance Leukemia Research in the College of Medicine, Division of Hematology at The Ohio State University.

Should the need for these funds cease to exist, then the income may be used for any type of cancer research with preference being given to the recommendations of the Director of the Division of Hematology who is responsible for Leukemia Research.

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March 5, 1982 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS

NEIL HALL, FIRE EXIT RENOVATIONS

Resolution No. 82-82

Synopsis: Authorization to employ an architectural/engineering firm and request for construction bids is proposed.

WHEREAS extensive investigations and engineering studies have revealed and confirmed numerous exit problems existing at Neil Hall; and

WHEREAS this project will provide for fire exit improvements for safety for the occupants of this area; and

WHEREAS $120,000 has been provided by Residence and Dining Halls for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to proceed 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 Administration 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 contract, with all actions to be reported to this Board at the appropriate time.

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

--o--

REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND

Resolution No. 82-83

Synopsis: A contract has been awarded for the project listed below to the lowest and best bidder in accordance with University procedures.

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Administration 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 a contract for the following project:
FAWCETT CENTER FOR TOMORROW, INSTALLATION OF SMOKE DETECTORS

Description: Provide smoke detectors for individual guest rooms, office and meeting room areas, and provide smoke detectors in elevator lobby areas to operate the elevators in the hotel section of Fawcett Center for Tomorrow.

Electrical Contract

<table>
<thead>
<tr>
<th>Description</th>
<th>Date Received: January 12, 1982</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Bids</td>
<td>4</td>
</tr>
<tr>
<td>Low Bid</td>
<td>$100,835.00* **</td>
</tr>
<tr>
<td>High Bid</td>
<td>$131,747.00*</td>
</tr>
<tr>
<td>Estimate of Cost</td>
<td>$103,000.00*</td>
</tr>
<tr>
<td>Awarded to</td>
<td>Frush &amp; Homan, Inc., Columbus, Ohio**</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$100,835.00**</td>
</tr>
<tr>
<td>Total Contingency Allowance</td>
<td>$ 1,383.52 which is 1 per cent of construction contract</td>
</tr>
<tr>
<td>Total Project Cost</td>
<td>$111,711.00</td>
</tr>
<tr>
<td>Funding</td>
<td>Budget Account 885164</td>
</tr>
</tbody>
</table>

*Recommended Alternates reflected in these figures.

**The low bid of $75,825.00 submitted by Efficiency Systems, Inc., was not accepted by reason of their bid qualification to the effect that not all of the components comply with the specifications requiring UL labeling. Therefore, contract is being awarded to the second lowest bidder, Frush & Homan, Inc., in the amount of $100,835.00.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of a contract and the establishment of project funds and a contingency fund for the project listed above are hereby reported.

Upon motion of Mr. Berry, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
March 5, 1982 meeting, Board of Trustees

ACCEPTANCE OF THE GIFT OF PROPERTY
202 ACRES IN PLEASANT TOWNSHIP (KAGAY FARM)
Resolution No. 82-84

Synopsis: Acceptance of a farm of approximately 202 acres in Pleasant Township, Franklin County, Ohio, and establishment of an income-only unitrust are proposed.

WHEREAS Edmund M. Kagay, who is the owner of a 202.729-acre farm at 3955 Georgesville-Wrightsville Road, Grove City, Ohio, wishes to make a gift of this property to the University, through the Development Fund, subject to assumption by the University of the mortgages on the property; and

WHEREAS a condition of this gift by Mr. Kagay is the establishment of an income-only unitrust under which the University will pay to Mr. Kagay an annuity, for so long as he shall live, of seven percent of the net amount realized from the sale of the property; and

WHEREAS it has been determined that the acceptance of this gift and the establishment of the income-only unitrust are in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to the property in the name of the Board of Trustees of The Ohio State University and to sign and execute on behalf of the Board of Trustees the documents and instruments necessary to carry out the conditions of this gift.

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

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STUDENT HEALTH INSURANCE
Resolution No. 82-85

Synopsis: Revision and renewal of the Student Health Insurance Program with Mutual of Omaha is recommended.

WHEREAS on March 7, 1980, this Board awarded a two-year renegotiated contract (effective Autumn Quarter 1980) to provide Student Health Insurance; and

WHEREAS after consideration of the desires and concerns of the students who purchase the insurance, the Student Insurance Subcommittee has recommended—and the full Council on Student Affairs has ratified this recommendation—that the renegotiated contract provide improved benefits as follows:
March 5, 1982 meeting, Board of Trustees

STUDENT HEALTH INSURANCE (contd)

Increase the daily semi-private hospital maximum room rate from $100 to $145.

Increase the University Student Health Service outpatient benefit from $100 to $150.

WHEREAS the coverage will be available on an optional basis to all registered students at the following quarterly premium schedule:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Quarterly Premium Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>$ 40</td>
</tr>
<tr>
<td>Student and spouse</td>
<td>109</td>
</tr>
<tr>
<td>Student, spouse and all children</td>
<td>156</td>
</tr>
<tr>
<td>Student and all children</td>
<td>87</td>
</tr>
</tbody>
</table>

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, 1982, for a period of two years. The contract will provide the benefit improvements as outlined above as well as those now available under the terms of the current contract.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 82-86

RESOLVED, That the report on the University's Investment Portfolio, dated February 19, 1982, 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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APPOINTMENT OF NOMINATING COMMITTEE

Mr. Devenow announced the appointment of the following persons to the Nominating Committee:

D. James Hilliker, Chairman
John F. Havens
Leonard J. Immke

--o--
March 5, 1982 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 2, 1982, at The Ohio State University Lima Campus, Lima, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 19, 1982
Commencement Speaker

Daryle H. Busch

Daryle H. Busch, professor of chemistry, has been a faculty member since receiving his Ph.D. from the University of Illinois in 1954. He specializes in transition metal and bio-inorganic chemistry and has recently done ground-breaking work in synthetic iron chemistry. In 1980, he was honored as an outstanding teacher with the University's Alumni Award for Distinguished Teaching, and in 1981 received the Distinguished Research Award. His numerous other awards include the 1978 Dwyer Medal of the Chemical Society of New South Wales, Australia, and he is one of only three people to receive both of the American Chemical Society's awards in inorganic chemistry. He was elected a fellow of the American Association for the Advancement of Science in 1980 and currently serves on the editorial boards of several chemistry journals.

The University is proud to have so distinguished a faculty member address the graduates of the 279th Commencement.
Recipients of Honors

W. Edwards Deming
Doctor of Science

In an era marked by increasing complexity, Dr. W. Edwards Deming is one of a handful of people who have made it possible for business, industry, and government to manage the tasks of industrial societies effectively. A highly sought-after and eminent statistician, Dr. Deming is known throughout the world for his contributions to the creation and use of statistics. His work in statistics helped make possible the United States' rapid mobilization during World War II as well as Japan's miraculous recovery in the post-war period. Japan has recognized his contribution to its remarkable economic growth by striking a medal in his honor. The W. Edwards Deming Medal is awarded to the company which has made the most significant advances in productivity and product quality. Dr. Deming has served as a consultant to many foreign governments and the United Nations and has lectured at universities in Europe and South America. Committed to a more productive and humane workplace, he has helped make possible higher living standards for people around the globe. The University is privileged to honor Dr. Deming for his pioneering work in statistics.

Ferdinand Fairfax Stone
Doctor of Humane Letters

Ohio State has a long tradition of academic excellence. This tradition is best demonstrated by its graduates and the contributions they have made to society and their professions. Ferdinand Stone is a shining example of this tradition. Dr. Stone is an internationally recognized authority on comparative law and the only living Rhodes Scholar from The Ohio State University. After completing his B.A. in English and his M.A. in political science at Ohio State, he attended Oxford in 1931 and from there went on to receive his doctoral degree in juristic science from Yale University. Awarded an honorary degree from the University of Grenoble by Charles DeGaulle, he was also named an honorary officer in the "Most Excellent Order of the British Empire" by Queen Elizabeth II. Dr. Stone has lectured at universities throughout Europe, authored four books—including the first textbook in French on American law—and has written over forty scholarly articles and other publications. The founder and first director of Tulane University's Institute of Comparative Law, he was Scholar in Residence at Tulane's Law School, where he taught for over forty years before retiring in 1979. Today, the University takes great pride in honoring one of its most distinguished graduates for his contributions to jurisprudence and comparative law.
Barbara W. Tuchman
Doctor of Humane Letters (presented in absentia)

The most widely known and generally respected non-academic historian in the United States, Barbara Tuchman has brought the drama, experience, and value of history to a wide audience. An internationally recognized writer, journalist, and advocate of humanistic values, Mrs. Tuchman is a living tribute to the value of a liberal education. She received her B.A. degree from Radcliffe College in 1933 and went on to pursue a journalistic and literary career. A prolific and versatile author, she has written nine books including two Pulitzer Prize winners, *The Guns of August* and *Stilwell and the American Experience in China, 1911-1945*. Over the last two and a half decades she has contributed regularly to a number of leading journals of opinion, including *American Heritage, Atlantic Monthly, Harper's*, and the *Nation*. Her articles, like her books, vary in subject matter, from medieval history to contemporary politics and culture. Mrs. Tuchman has long been a leader in American arts and letters and is a member of the Authors League of America and the Society of American Historians. She is a former president of the American Institute and Academy of Arts and Letters and a recipient of its prized Gold Medal. In bestowing this honor on Mrs. Tuchman, the University seeks to recognize and thank her for her many contributions to the arts and humanities.

Robert C. Ringer
Distinguished Service Award

For 35 years Robert C. Ringer provided a compassionate ear and a helping hand to the faculty and staff of this University. Many can recall his leadership of the University's Payroll Office. For nearly 20 years he guided it through periods of great growth and technical and administrative changes. Later, as a special assistant to the Vice President for Personnel Services, he continued to strive to improve the quality of an Ohio State University career. Instrumental in developing the Retirement Affairs section of Personnel Services, he added the personal touch to a program designed to help faculty and staff plan and process their retirements. On behalf of the many he has touched in such a positive and caring manner, his alma mater expresses its gratitude for a job well done.
The Graduate School

Dean: Jules B. LaPidas

Doctor of Musical Arts

William Augustus Mayson, Jr., Chillicothe; M.A. (Oberlin College); Music; Dr. Richard E. Burkart

Beverly Jean Vaughn, Columbus; B.A. (Lona Linda University); M.Mus.; Music; Dr. Mario Alch

Doctor of Philosophy

Lorenzo Aguilar, Mexico City, D. F., Mexico; Matemático (Universidad Nacional Autónoma de Mexico); M.S.; Computer and Information Science; Dr. Bruce W. Weide

Nahad Wallitiiz Al-Khaldi, As-Sodyah Dialoh, Iraq; B.Vet.Med. (University of Baghdad); M.S.; Veterinary Pathology; Dr. Omar O. Bariaga

Monte Richard Anderson, Carbondale, Ill.; B.S., M.S. (Southern Illinois University); Agricultural Education; Dr. Larry E. Miller

Robert Michael Andrysco, Parma; B.S. (Ashland College); M.S.; Interdisciplinary: Psychology, Veterinary Preventive Medicine, and Psychiatry; Dr. Samuel A. Corson

Ghazi Rifat Audeh, Toronto, Ontario, Canada; B.S. (Cairo University); M.A.; Education; Dr. Robert W. Howe

Babiker Idris Babiker, Khartoum, Khartoum Sudan; B.S. (University of Khartoum); M.Phil. (University of Reading); Agricultural Economics and Rural Sociology; Dr. Donald W. Laron

Erdogan Bilik, Istanbul, Turkey; B.B.A. (Academy of Economics and Commercial Science); M.B.A. (University of Southern Mississippi); Business Administration; Dr. Andrew H. Chen

John Boulmetta, North Kingstown, R. I.; B.A., M.A. (University of Rhode Island); Education; Dr. David L. Boggs

Edward John Bradel, Sewickley, Pa.; B.S. (Otterbein College); M.S.; Physiology; Dr. Margaret T. Nishikawa

Silvana Beatriz Brianceschi, Mansfield; B.A. (Smith College); Physiology; Dr. John J. Curry, Ill

Barry John Brinkman, Worthington; B.S. (University of Notre Dame); M.S.; Computer and Information Science; Dr. Anthony E. Petranos

George Lawrence Carr, Columbus; B.S. (Rensselaer Polytechnic Institute); Physics; Dr. David B. Tanner

Mark Steven Charnes, Southold, N. Y.; B.A., M.A. (State University of New York at Buffalo); Geography; Dr. Howard L. Gauthier, Jr.

Kent Leon Chasey, Wichita, Kansas; B.S., M.S. (Wichita State University); Chemistry; Dr. Leo A. Paquette

Kuang-Chung Chen, Taipei, Taiwan, R.O.C.; B.B.A. (National Taiwan University); M.B.A.; Business Administration; Dr. Andrew H. Chen

Chao-Fu Jehok Chien, Taichung, Taiwan, R.O.C.; B.S. (National Chung Kung University); M.S. (Northeast Louisiana University); Chemistry; Dr. Richard J. Laub

Goddin Osaltadinna Chukwuma, Oko, Aguata L.G.A., Anambra, Nigeria; B.Sc. (University of Nigeria); M.S.; Agricultural Engineering; Dr. Glenn O. Schuab

Chen Hua Chung, Hsingtang Chengchi Pingtang, Taiwan, R.O.C.; B.A. in Commerce (National Taiwan University); M.B.A. (Northeastern State University); Business Administration; Dr. Lee J. Krajewski

Rhyes Gordon Daniels, Alliance; B.S. (University of Cincinnati); Chemistry; Dr. Leo A. Paquette

Nancy Lynne Dare, Murray Hill, N. J.; B.A. (Marietta College); M.A.; Education; Dr. Judy L. Genshaft

Nancy Carol DeWandel, Columbus; B.A., M.A. (Brown University); Classics; Dr. John W. Vaughn

Adriano Romariz Duarte, Sao Paulo, Brazil; B.S. (University of Sao Paulo); M.A. (University of Sao Paulo); Agricultural Economics and Rural Sociology; Dr. Douglas H. Graham

Paul Arlen Forshay, Caldwell, B.S. (Muskingum College); M.S.; Chemistry; Dr. Theodore Kuwana

Joelyn Kaye Fuller, Xenia; B.S.Ed. (Miami University); M.A.; Education; Dr. Donald J. Toni

Michael Edward Gaffney, North Madison; B.S. (United States Merchant Marine Academy); M.A. (The New School for Social Research); Anthropology; Dr. Daniel T. Hughes

Peter Wilmer Gallagher, Columbus; B.S., M.S. (University of Wisconsin); Horticulture; Dr. T. Davis Sydnor

Donald Mark Gardner, Jr., LaGrange; B.S. Agriculture, M.S. (University of Tennessee); Plant Pathology; Dr. A. F. Schmidtker

John Edward Garen, Alderwood Manor, Wash.; B.A. (University of Washington); M.A.; Economics; Dr. Donald O. Parsons

Gediminas Gaspersas, Chicago, Ill.; B.S. (Illinois Institute of Technology); M.S. (University of Michigan); Aeronautical and Astronautical Engineering; Dr. Stuart L. Sutrie

Stephen Marshall Gendler, Detroit, Mich.; B.S. (Michigan State University); Pathology; Dr. Keith E. Richardson

Amy Herstein Gervasio, San Francisco, Calif.; B.A. (University of California); M.A.; Psychology; Dr. Andrew J. Schuebel

Douglas Jay Gilbert, Bronx, N. Y.; B.A. (State University of New York at Buffalo); M.A. (Central Michigan University); M.A.; Communication; Dr. Shelia M. Goff

Timothy Lee Glaros, Worthington, B.S., M.S.; Horticulture; Dr. Wilbur A. Gould

Robert Glenn Goodwin, Omaha, Neb.; B.S. (University of Nebraska); M.S. (University of Wisconsin); Geology and Mineralogy; Dr. Garry D. McKenzie

James Lee Green, Fairfield; B.S., M.A.; Education; Dr. Robert B. Sutton

James S. Greene, III; B.S. (University of Wisconsin); M.S. (Union College); Education; Dr. John C. Belland

Gary David Grothaus, Dayton; B.S., M.S.; Microbiology; Dr. Julius P. Kreier

Dagmar Guardibus, Guayanabo, Puerto Rico; B.A., M.S.W. (University of Puerto Rico); Social Work; Dr. Thomas M. Meenaghan

Thomas Johnson Hall, Wooster; B.S. (State University of New York College of Environmental Sciences and Forestry at Syracuse); M.S.; Plant Pathology; Dr. Curt Leben

John Hannah, Dunedin, New Zealand; B.S., Diploma Science (University of Otago); M.S.; Geodetic Science; Dr. Jean I. Mueller

Anabelle Lee Tinsley Hansen, Delaware; B.A. (Washington State University); M.Ed. (University of Alaska); Education; Dr. Robert B. Taylor
Vincent Christian Henrich, Vandalia; B.Sc. (University of Notre Dame); M.S.; Genees; Dr. David E. Denlinger and Dr. Walter Rothenburler

Michael Lee Hoke, Columbus; B.S. (Wright State University); Physics; Dr. John H. Shaw

Garrett Arthur Jacobsen, Willingboro, N.J.; B.A. (Franklin and Marshall College); M.A.; Classics; Dr. John T. Davis

Janina Mae Kolody, Torrance, Calif.; B.A. (California State University at Dominguez Hills); M.A.; Psychology; Dr. John B. Horrocks

Jannie Jones, Huntsville, Ala.; B.S., M.Ed. (Alabama Agricultural and Mechanical University); Home Economics; Dr. Mary Lapiszewski

Steven Kennedy, Naperville, Ill.; B.A. (Franklin and Marshall College); Chemistry; Dr. Sheldon G. Shore

Guy O'Gorman King, Washington, D.C.; B.A. (University of North Dakota); M.A.; Philosophy; Dr. Richard T. Garner

Karen Shakley Ladd, Knoxville, Tenn.; B.M. (Munising College); M.A.; Music; Dr. Herbert S. Livingston

Leah Carol Laxson, Greer, Calif.; B.A., M.A.; (Hastings College); M.A.; Political Science; Dr. Charles F. Hermann

Mark Jon Pivinsky, Stickeville, Pa.; B.S. (St. Vincent College); M.A.; Political Science; Dr. Charles F. Hermann

Stephen Keith Pollard, Burlingame, Calif.; B.A. (California State College at Sonoma); M.S.; Agricultural Economics and Rural Sociology; Dr. Douglas H. Graham

Nicholas G. Rinaldi, Mahwah, N.J.; B.S., M.A. (Villanova University); Theatre; Dr. Donald R. Glancy

Eric Risch, Ada, Ghana; B.S. (University of Guelph); M.S. (University of British Columbia); Agricultural Engineering; Dr. Floyd L. Ham

Young Key Ro, Republic of Korea; B.A. (Chung-Ang University); M.S.; Agricultural Economics and Rural Sociology; Dr. D. Lynn Forster

Marvin Lee Roberts, Canton; B.S., M.S. (University of Wyoming); Botany; Dr. Daniel J. Crawford

Michael Lester Rose, Hamilton; B.A. (Miami University); M.A.; Interdisciplinary: Labor and Human Resources, and Public Administration; Dr. Robert C. Milus

Susan Jane Rudge, Oxford; B.S. (Miami University); M.S.; Home Economics; Dr. Virginia M. Victorian

Daniel Joseph Ryan, Columbus; B.S., M.S.; Electrical Engineering; Dr. Edward K. Damon

Karen Francis Nicholson, South Charleston, W. Va.; B.S. (West Virginia State University); M.A. (West Virginia College of Graduate Studies); Education; Dr. James E. Kerber

Linda Catherine Nusbaum, Columbus; B.S. (Western Michigan University); M.Ed. (University of Toledo); Education; Dr. Anthonq C. Biscoe

Nancy Elizabeth Offutt, Hamilton; B.S., M.Mgt. (Northwestern University); Business Administration; Dr. Roger D. Blackwell

George Rick Oliver, Burlington, N.J.; B.S. (North Carolina State University); M.S. (University of Illinois); Agronomy; Dr. George S. Taylor

Cynthia Brooks Payne, Portsmouth, B.S., M.A.; Education; Dr. Donald R. Bateman

Methard Askew Pierce, Montgomery, Ala.; B.A. (Blairman College); M.A. (The University of Alabama); M.Ed. (Alabama State College); Education; Dr. Herman J. Peters

Mark Jon Pivinsky, Stickeville, Pa.; B.A. (St. Vincent College); M.A.; Political Science; Dr. Charles F. Hermann

John Bernard Letts, Columbus; B.A. (Kenyon College); M.A.; Philosophy; Dr. Walter G. Berntson

Douglas Frederick Mayer, Onseta, N.Y.; A.B. (Kenyon College); M.Ed. (Ohio University); Education; Dr. Walter G. Hack

Douglas Carter McElwain, Sterling, Colo.; B.A. (Hastings College); M.A.; Psychology; Dr. Barbara A. Edmondson

Robert Francis McGivern, Jr., Columbus; B.S., M.A.; Psychology; Dr. Gary G. Bernston

William Walter Miller, Canton; B.A., M.A.; Education; Dr. William Moore, Jr.

Audni Miller-Beach, Columbus; B.A. (Texas Lutheran College); M.A.; Psychology; Dr. David L. Boggs

Rajendra Bhicchandra Nalavade, Pune, India; B.Tech. (Indian Institute of Technology); Industrial and Systems Engineering; Dr. Richard A. Miller

Vasant Ullal Nayak, Bombay, Maharashtra, India; B.Sc, M.Sc. (University of Bombay); M.S.; Physics; Dr. David O. Edwards

Arnold Schneider, Cleveland; B.S. (Case Western Reserve University); M.A.; Accounting; Dr. Thomas J. Barna

Sheila Juliane Scholl, Columbus; B.A. (Miami University); M.A.; Education; Dr. Victor M. Rentel

Kun Sun Shiao, Taipei, Taiwan, R.O.C.; B.S., M.S. (National Taiwan University); Agricultural Education; Dr. J. Robert Warnbrood and Dr. Howard W. Ludewig

Thomas Robert Shryock, Sylvania; B.S. (University of Toledo); Medical Microbiology and Immunology; Dr. Frank A. Kapral

Bruce Joseph Shyllo, Olmsted Falls; B.A. (Hiram College); M.A. (University of Dayton); Education; Dr. Aaron J. Miller

Leonard Anthony Sikora, Columbus; B.S. (St. John Fisher College); M.S. (University of Dayton); Biochemistry; Dr. George A. Marschke

Jerry Michael Skinner, Akron; B.S. (University of Akron); M.S.; Ecology; Dr. Bernard L. Griswold

Ray Michael Snider, Canoga Park, Calif.; B.A. (California State University at Northridge); M.S.; Pharmacy; Dr. Michael G. Geralds

Mary Irene Stiff, Columbus; B.Ed. (University of Toledo); M.S. (Wright State University); Veterinary Pathobiology; Dr. Richard G. Olsen

Bradley Harold Taylor, El Dorado, Kans.; B.S. (Kansas State University); M.S.; Horticulture; Dr. David C. Ferree

Benjamin Noel Tuggle, Warner Robins, Ga.; B.S. (Fort Valley State College); M.S.; Zoology; Dr. John L. Criles

Ronald Edwin Vooge, Byron Center, Mich.; B.A. (Calvin College); M.A.; Music; Dr. Charles M. Atkinson and Dr. Richard H. Hoppin

Frederick Thomas Waddell, Chicago, Ill.; B.S. (Northwestern University); M.S.A. (DePaul University); M.A.; Psychology; Dr. Samuel H. Osipow

Arnold Bert Welnir, Columbus; B.S., M.S.; Pharmacy; Dr. Alfred E. Stubbs

Keith Franklin Widaman, South Pasadena, Calif.; B.A. (Whittier College); M.A.; Psychology; Dr. Fred L. Damaria, Jr.

Peter Warren Williams, Perth, Western Australia; LL.B. (The Australian National University); Diploma Ed. (Claremont Teachers College); M.A.; Education; Dr. James B. Kerber
Richard Lynn Williams, Upper Arlington; B.S. (University of Cincinnati); M.A. (Georgia Institute of Technology); Civil Engineering; Dr. Tien H. Wu

Janice Emeline Woodard, Blacksburg, Va.; B.S.Ed. (New York State College for Teachers); M.S. (Cornell University); Home Economics; Dr. Fern E. Hunt

Akio Yasuharu, Toyko, Japan; B.S.S. (Saitama University); M.A. (International Christian College); Economics; Dr. Edward J. Kane

Abdul Rahim Busumatnor, Kuala Lumpur, Malaysia; Dipl. M.E. (Brighton Polytechnical); Education

Hwei-Wen Chen, Taipei, R.O.C.; B.A. (Tunghai University); Education

Kam-Fong Monit Cheung, Hong Kong; B.A. (Hong Kong Baptist College); Public Administration

Lois Peake Christel, Springfield; B.S.N.; Education

Anne Betty Conrad, Columbus; B.S.; Communication

Rochelle Arlene Cook, Columbus; B.F.A. (Philadelphia College of Art); Education

Deborah Anne Crow, Upper Sandusky; A.B. (Heidelberg College); Communication

Marcia Bohle Daneman, Columbus; B.S. (Simmons College); Public Administration

Kathryn Louise Denison, Mt. Vernon; B.A. (Ohio Northern University); Education

Simone Odile Dennwitz, Reynoldsburg; B.S. (Ohio University); Education

Shaw-Ling Dung, Taipei, R.O.C.; Bachelor in Law (National Taiwan University); Journalism

Helen Louise Dunigan, Columbus; B.S.Ed.; Education

Pamela Ann Elliott, Columbus; B.A.; Public Administration

Peggy Anne Escola, Canton; B.S. (Bowling Green State University); Physical Education

Linda Sue Evans, Columbus; B.S. (Miami University); Education

Jeri Lynn Fisher, Lexington; B.S. (Miami University); Communication

Judy Ann FitzSimmons, Lucas; B.A. (Muskingum College); Education

Elisabeth W. Fridley, Carroll; B.S.Ed.; Education

Ralph Gardner, Cincinnati; B.S.; Education

Michael Gerard Gaksi, Cleveland; B.A. (University of North Carolina—Greenboro); English

Robert James Gaston, Lisbon; B.S.; Public Administration

Sharon Gantt Gilbert, Marion; B.S.Ed.; Education

Carol Lee Graham, Columbus; B.S.Nurs.; Education

Derrick Wayne Graham, Frankfort, Ky.; B.A. (Kentucky State University); Political Science

Lawrence Frederic Greenfield, Sharon Mass.; B.A. (University of Massachusetts); History

Alice Jean Greenwald, Tiffin; B.S.Ed.; Education

Debra Sue Gross-Sidlow, Columbus; B.A. (University of Michigan); M.C.R.P.; Political Science

Susan Anne Haiderman, Lancaster; B.A. (John Carroll University); Journalism

Sheryll Ann Hickman, Grove City; B.S.Ed.; Education

Debra Ann Hodges, Mt. Holly, N. J.; B.A. (Bennett College); Education

Margaret Lynn Holland, Denver, Colo.; B.A. (University of the Americas); Journalism

Jay Bonnet Hoster, Columbus; B.A. (Haverford College); Journalism

Kamaryuuzaman Bin Jamal, Semenyih, Malaysia; B.A. (University Sains Malaysia); Education

Esther Javetz, Tel-Aviv, Israel; B.A. (Tel-Aviv University); Education

Barbara Elaine Johnson, Wadsworth; B.A. (Mount Union College); Sociology

Donna Kay Keuck, Columbus; B.A., M.A.T. (University of the Pacific); Education

Sandra Ann Kiner, Mansfield; B.S.Ed.; Education

Pamela Sue Klug, Bridgeport; B.A.; Communication

Kurt Klaiger, Chesterland; B.A. (University of Cincinnati); Psychology

Richard Allan Kramoff, Columbus; B.S.Ed. (Kent State University); Education

Rey-Rong Kong, Taipei, R.O.C.; B.A. (National Taiwan University); Political Science

Karin Michele Lopper, Columbus; B.S.Soc.Wel.; Public Administration

Mary Sue MacNealy, Newark; B.A.; English

Beverly Gene Marcel, Delaware; B.A. (Otterbein College); Education

Nancy Elaine Martine-Tetzloff, Columbus; B.S. (Miami University); Education

Laura O'Connor McClellan, Columbus; B.S. (Bowling Green State University); Communication

Jay Lee McCreary, Upper Sandusky; B.S.; Education

Wanda Louvenia McIntyre, Blacklick; B.A. (Ohio Dominican College); Psychology

Marilyn Mae McPherson, Elida; B.S.; Education

Jennifer Young Molnar, Columbus; B.A. (University of Kentucky); Public Administration
Master of City and Regional Planning

Gregory Timothy Biggs, Cincinnati; B.A. (University of Cincinnati); M.P.A. (University of Mississippi); City and Regional Planning

Burus Tournant Charley, Youngstown; B.A. (Ohio University); City and Regional Planning

Katherine A. Garlotti, Delaware; B.A. (Deloit College); City and Regional Planning

Cheryl Parker Hamilton, Beltville, Md.; B.A. (Howard University); City and Regional Planning

In Soo Lim, Vermilion; B.F.A.; City and Regional Planning

Colette Marie Simpson, Marietta; B.S. (Ohio University); City and Regional Planning

Master of Fine Arts

Mary Katherine McFerran, Albany, N.Y.; B.S., M.A. (State University of New York at Albany); Art

Master of Health Administration

Corinne Dillon, St. Albans, W. Va.; B.S.Bus.Adm.; Allied Medical Professions

Master of Labor and Human Resources

Terri Kim Bigley, Reynoldsburg; B.S.; Labor and Human Resources

Luis A. Diaz, Caracas, Venezuela; Licentiate in Human Resources (Universidad Catolica Andres Bello); Labor and Human Resources

Patricia Anne Forster, Columbus, Ind.; B.A. (Purdue University); Labor and Human Resources

Amy B. Saul, Bethpage, N.Y.; B.S. (State University of New York at Binghamton); Labor and Human Resources

Master of Music

David Lancaster Tolley, Worthington; B.Mus.; Music

Master of Public Administration

William James Turbitt, Columbus; B.A. (William Paterson College); Business Administration

Bruce Edward Wilson, Columbus; B.S.Bus.Adm.; Business Administration

Richard Stephen Wojcik, Euclid; B.S.I.A. (General Motors Institute); Business Administration

Master of Public Administration

George John Apostolos, Canton; B.S., B.A.; Public Administration

John Scott Crooks, Westerville; B.A.; Public Administration

John Richard Diamond, Columbus; B.S. (University of Pittsburgh); B.A. (Ohio Dominican College); Public Administration

Vickie Joy Greene, Farmer, N.C.; B.S. (Guilford College); Public Administration

Master of Science

Kadry A. M. Abdel-Hamied, Cairo, Egypt; B.Sc. (Cairo University); Biomedical Engineering

Issam Bin AbdLatif, Kuala Pilah, Malaysia; B.S.Agr.; Agricultural Economics and Rural Sociology

Abdillahi A. Aboud, Malindi, Kenya; B.S. (Texas Technical University); Agricultural Economics and Rural Sociology

Muhammad Sani Abubakar, Danja, Nigeria; B.Sc. (Ahmadu Bello University); Physics

Salim Al-Hariri, Tartous, Syria; B.S. (Damascus University); Electrical Engineering

Mustafa Abbas Habib Al-Shawi, Basrah, Iraq; B.Sc. (University of Basrah); Civil Engineering

Deborah Ann Aseline, Forbestown, Calif.; B.A. Biology (University of California at Santa Barbara); Zoology

Abraham Bakar, Kelantan, Malaysia; B.S. (Iowa State University); Agricultural Education

Robert Donald Bartlett, New Orleans, La.; B.S. (Tulane University); Metallurgical Engineering

Denise Karen Baun, Columbus; B.S. (Delaware Valley College); Horticulture

Jahan B. Bayat-Molchari, Meshed, Iran; B.S. (Iran College of Science and Technology); Mechanical Engineering

Ravi Bhushan, Agra, India; B.Tech. (Indian Institute of Technology); Nuclear Engineering

Jo Ann Riewe, Kettering; B.S. (University of Colorado); Nursing

Kathy Meg Bracle, Parma Heights; B.A.; Industrial and Systems Engineering

Margot Manfredo Bridge, Rossiter; B.S. (Pennsylvania State University); Plant Pathology

Edmundo Brito, I. de Matamoros, Mexico; B.S. (Universidad Autonoma de Puebla); Chemical Engineering

Janice Lynn Buehler, Albuquerque, N. Mex.; B.S. (New Mexico State University); Horticulture

Robert Winston Burkhardt, Columbus; B.S.; Geodetic Science

Jeanette Louise Burns, Pontotoc; B.S. (Bowling Green State University); Home Economics

Benedicto-Do Espirito Santo-De Campos, Montele Mor, Brazil; Agric. Engr. (University of Sao Paulo); Animal Science

Ken David Cardina, Akron; B.S.E.E.; Mechanical Engineering

Delores Ann Carter, Lake Providence, Ia.; B.S.N. (Dillard University); Nursing

Yin Chang, Kaohsiung, R.O.C.; B.S.E.E. (Chung Yuan Christian College of Science and Engineering); Electrical Engineering

Chi-Chao Chen, Ban, R.O.C.; B.S.E. (National Cheng Kung University); Ceramic Engineering

Yen-Jen Chen, Taipei, R.O.C.; B.S., M.S. (National Chung-Hsing University); Environmental Biology

Yung-Cheng Timothy Chen, Taipei, R.O.C.; B.S. (Chiang-Tung University); Mathematics

Fan-Tien Cheng, Tainan, R.O.C.; B.S. (National Cheng Kung University); Electrical Engineering

Ngoe Ching Chong, Sibu, Malaysia; B.A. (Ohio Wesleyan University); Electrical Engineering

Ricky King-Ming Chin, Hong Kong; B.A.Sc. (University of Ottawa); Civil Engineering

Pong Chou, Taiwan, R.O.C.; B.S.Engr. (National Taiwan University); Mechanical Engineering

Gene Frank Clyde, Harrison; B.S.; Food Science and Nutrition

Harry Henkel Crosby, Staunton, Va.; B.S.Agr.; Veterinary Physiology and Pharmacology

Vickie Leigh Cunningham, Columbus; B.S. (University of Pittsburgh); Pathology

Panse Damrongmongkolgul, Bangkok, Thailand; B.Eng. (Chulalongkorn University); Computer and Information Science

Jeri Lynn Marie Dowd Braunlin, Columbus; B.S.N. (Capital University); Nursing

Sandra Sue Dunstan, Columbus; B.S.H.E.; Home Economics

Daniel William Elkenberry, Cambridge; B.S. (Urbana College); Natural Resources

Wahha Wahha El-Tahan, Port-Said, Egypt; B.S. (Cairo University); Engineering Mechanics

Carol Anne Erwin, Columbus; B.S.; Horticulture

Douglas Paul Fairchild, Columbus; B.S.W.E.; Welding Engineering

Christine Martha Fisher, Prospect; Agricultural Education

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Howard Alan Friedman, Beachwood; B.S.; Zoology
Kenneth R. Fritz, Cincinnati; B.A. (University of Cincinnati); Natural Resources
James Jeffrey Givens, Pittsburgh, Pa.; B.S. (Ohio University); Chemical Engineering
Harish Kamar Goyal, Agra, India; B.E. (University of Roorkee); Civil Engineering
Kathryn Wilson Grant, Stow; B.S.; Nuclear Engineering
Norma Elizabeth Hague, Cuyahoga Falls; B.A. (Hiram College); Poultry Science
Jerritt Harold Hansell, Fayetteville, N. C.; B.S.E.E. (Tennessee Technological University); Electrical Engineering
Nancy Ann Hayes, Columbus; B.S.; Nursing
Mark Albert Heinlein, Wheaton, Ill.; B.S.; Plant Pathology
Robert Anthony Heitzman, Erlanger, Ky.; B.A. (Thomas More College); Environmental Biology
Richard Cline Hilton, Columbus; B.S.E.E. (Ohio University); Computer and Information Science
Esther Hope, Kansas City, Mo.; B.S. (University of Missouri, Kansas City); Dairy Science
Thomas Wayne Hopkins, Hillboro; B.S Agr.; Agronomy
Annjia Tinna Hsu, Taipei, R.O.C.; B.S. (National Tsing Hua University); Chemistry
Yung-Haw Hu, Changhua, R.O.C.; B.S. (National Tsing Hua University); Metallurgical Engineering
John M. Hyde, Richfield; B.S. Food Sc.; Food Science and Nutrition
Marybeth Israel, Dayton; B.S. (Ball State University); Home Economics
Debra Lynn Jacobs, Burton; B.S.; Veterinary Pathobiology
Masoud Jafari-Nassab-Kermani, Tehran, Iran; B.S.E. (Purdue University); Electrical Engineering
Kenneth Alan Joehlin, Curlettie; B.S.Nat.Res.; Natural Resources
Shu-Jen Fang Kao, Taipei, R.O.C.; B.S. (Fu Jen Catholic University); Home Economics
Elliot Byron Kennel, Middleburg Heights; B.S. (Miami University); Nuclear Engineering
Tze Wing Keung, Kowloon, Hong Kong; B.S.E.E.; Electrical Engineering
Kamel Fahad Khazal, Baghdad, Iraq; B.Vet.Med. (University of Baghdad); Veterinary Physiology and Pharmacology
Judith Kimchi, Franklin; B.Sc. (Ohio University); Nursing
Ying-Hsiang Ko, Kaohsiung, R.O.C.; B.S. (National Tsing-Hua University); Ceramic Engineering
Michael Jay Runk, Springfield; B.S.; Geology and Mineralogy
Alan Ray Kurtz, Salem; B.A. (Goshen College); Agronomy
Mary Katheryn Kyler, Columbus; B.A. (College of Wooster); Allied Medical Professions
Shu-Man Lau, Taipei, R.O.C.; B.E. (Chung-Yuan Christian College of Science and Engineering); Civil Engineering
Joel Arthur Lawitta, Syracuse, N. Y.; B.S.; Dairy Science
Howoo Lee, Seoul, Korea; B.S.Eng. (Seoul National University); Industrial and Systems Engineering
Masook Lee, Seoul, Korea; B.S. (Seoul National University); Home Economics
Kuang-Yu Liao, Taipei, R.O.C.; B.E. (Tamkang University); Civil Engineering
Wendy Fang-Hui Lin, Taipei, R.O.C.; B.Arch. (Tamkang College); M.Arch. (National Cheng-Kung University); Civil Engineering
Pau-Lu Lo, Taiwan, R.O.C.; B.Eng. (Taiwan Provincial College of Marine and Oceanic Technology); Electrical Engineering
Scott Lованoff, Holland; B.A. (University of Toledo); Anatomy
David Glenn Luttrell, Dublin; B.S. (Murray State University); Computer and Information Science
Deborah Harrison Marcus, Grove City; B.S.Ch.E. (Texas Agricultural and Mechanical University); Chemical Engineering
Gregory Markzon, Kiev, U.S.S.R.; Diploma (Kiev University); Mathematics
Paul Frank Mazon, Delano, Calif.; B.S. (California Polytechnic State University); Animal Science
Mark Warner McNair, Seattle, Wash.; B.S. S. (University of Washington); Computer and Information Science
Mala Geeta Menon, Bombay, India; B.Sc. (Bombay University); M.Sc. (Indian Institute of Technology); Computer and Information Science
Nall Moonfall, Col/Barbierie, Guyana; B.Sc. (York College of the City University of New York); Agronomy
James Russell Murrin, Columbus; D.D.S.; Dentistry
Thomas Graydon Myers, Wauseon; B.S.Agr.; Agricultural Economics and Rural Sociology
Joseph Timothy Newcomb, Youngstown; B.S.; Veterinary Pathobiology
Kenneth Charles Nicholas, Flint, Mich.; B.A. (University of Michigan); Computer and Information Science
John F. O'Connell, Columbus; B.S. (Fordham University); Physiology
David Nwabueze Onuora, Nawa, Nigeria; B.S. (University of Nigeria); Poultry Science
Gary Lee Overmiller, Napoleon; B.S.; Agricultural Economics
Beryl J. Packard, Port Matilda, Pa.; B.S.; Microbiology
Eric Christopher Palik, Lyndhurst; B.A. (Case Western Reserve University); Chemistry
Frank Robert Palmiero, Columbus; B.S.; Computer and Information Science
In Gyu Park, Korea; B.S. (Seoul National University); Electrical Engineering
Jim Won Park, Seoul, Korea; B.S. (Seoul National University); Industrial and Systems Engineering
Sheila Jan Payne, Columbus; B.A. (Ohio Dominican College); Home Economics
Mark Nicholas Porlmutter, Penns Grove, N. J.; B.S. Nutrition; Physiology
Maureen O'Brien Priest, Worthington; B.S. (Virginia Polytechnic Institute and State University); Home Economics
Susan Marie Proctor, East Liverpool; B.S.H.E.; Home Economics
Jose Devasaq Pulloorkaran, Irinjalakuda; India; B.S. (University of Kerala); M.Sc. (Calicut University); M.Tech. (Indian Institute of Technology); Metallurgical Engineering
John Robert Rapp, Worthington; B.A. (St. Mary's College); Mechanical Engineering
Joseph William Rimelspach, Columbus; B.S.; Plant Pathology
Jerry Richard Roberts, Vandals; B.S. (Wright State University); Pharmacy
Cathy Ann Roche, Claremont, Calif.; B.A. (California State College at San Bernardino); Chemistry
Sarah Jean Rockey, Chagrin Falls; B.S.; Entomology
Timothy David Rogers, Ithaca, N. Y.; B.S. (Cornell University); Agronomy
Janice Leslie Rock, Columbus; B.S. (University of Kentucky); Nursing
David Daniel Rowlands, Worthington; B.S., M.S.; Geodetic Engineering
Manoj Ramakant Samant, Bombay, India; B.E. (University of Bombay); Civil Engineering
Rodney John Samodral, Chicago, Ill.; B.S. (Loyola University); Chemistry
Rudolf Schneeberger, Bern, Switzerland; Diploma (Swiss Federal Institute of Technology); Geodetic Science
Julia Wampler Scott, Columbus; B.S.; Nuclear Engineering
Deva-Datta Sharma, Bhilai, India; B.Tech. (Indian Institute of Technology); Nuclear Engineering
Vijay Anant Shende, Bombay, India; B.Tech. (Indian Institute of Technology); Mechanical Engineering
Olorunfemi Turiman Bin Baru, Lagos, Nigeria; B.Sc. (University of Lagos); Civil Engineering
Terri Sue Short, Gallipolis; B.S.; Animal Science
Khek Giap Su, Kuala Lumpur, Malaysia; B.S. (University of Malaya); Computer and Information Science
Turman Bin Suandi, Kelang, Malaysia; B.S. (University of Florida); Agricultural Education
David M. Sullender, Camden; B.S. (University of Massachusetts); Agricultural Economics and Rural Sociology
Dudley Glessner Thomas, Mansfield; A.B. (Wittenberg University); Chemistry
Barbara Ann Thuma, Bradford; B.A. (Goshen College); Plant Pathology
James William Tomko, North Royalton; B.A. (Miami University); Environmental Biology
Gildo Mark Tori, Farmington Hills, Mich.; B.S. (Michigan State University); Zoology
Heng-Sheng Jessica Torng, Taipei, R.O.C.; B.S. (National Taiwan University); Chemical Engineering
James Joseph Toth, Seven Hills; B.S. (Carnegie Mellon University); Chemical Engineering
Bruce Wayne Triplehorn, Columbus; B.S.; Entomology
Beth Turner, Youngstown; B.A. (Youngstown State University); Mathematics
Benjamin Obinre Uwakwe, Aba, Nigeria; B.S.C.E. (University of Portland); Civil Engineering
Koteswara Rao Venuri, Gadivada, India; B.Tech. (Indian Institute of Technology); Industrial and Systems Engineering
Patricia Adair Verbanac, Decatur, Ill.; A.B. (Augustana College); B.S.M.T. (Indiana University); Microbiology
John Cyril Veselinak, Pleasant City; B.S.C.E.; Civil Engineering
Mary Ann Wagner, Edison; Home Economics
Mark James Watkins, Silver Spring, Md.; B.S. (Virginia Polytechnic Institute and State University); Computer and Information Science
David John Wayne, Tarentum, Pa.; B.S. (University of Cincinnati); Electrical Engineering
John Albert Wenning, Coldwater; B.S.Agr.; Animal Science
Chai-yong Wongchaisuwat, Bangkok, Thailand; B.E.E. (Kasetsart University); Electrical Engineering
Deborah Sue Wright, Tullahoma, Tenn.; B.S. (David Lipscomb College); Home Economics
Hsin-Chung Yu, Taipei, R.O.C.; B.E. (Chung-Yuan Christian College of Science and Engineering); Mechanical Engineering
Lai-Dulien Yuen, Taipei, R.O.C.; B.S. (National Chung-Hsing University); Chemistry

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Patrick R. Dugan
Vice Provost for the Arts and Sciences:
Thomas A. Wilkie
The Colleges of the Arts and Sciences, a federation of five colleges, include:
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. Bröekema
Bachelor of Arts
Mary Louise Amorose, Columbus
Jay Arthur Berk, Vermilion
Jeffrey Alan Brown, Cincinnati
Donna Jean Carpenter, Lebanon
Jeanette Jasmine D'Lonuzsak, Columbus
Elizabeth Ann Giles, Lancaster
Connie Jane Kiehn, Pataskala
Joel F. Moore, Columbus
Andrew Balfour Stevens, Hudson
Keith E. Stevens, Upper Arlington
Sherman Thomas Stevens, Columbus
William J. Tieras, Warren
Marcia Z. Tressel, Lorain
Richard Scott Urban, Boardman

Bachelor of Fine Arts
John Michael Collins, Columbus
Anne Giester Cunningham, Dublin
Judith A. Frank, Loudonville
Ann Estelle Gerckens, Columbus
Amy S. Hansen, Columbus
Joyce Ann Hornbeck, Groveport
Norman P. MacDonald, Mansfield
Kim Richardson, Columbus
Maureen Kay Santry, Columbus
Thomas Stanley Wozniak, Cleveland

Bachelor of Music
Mark Steven Ciminello, Columbus
Steven Wayne Hannan, Columbus
Richard D. Kelb, Columbus

Bachelor of Art Education (non-certified)
Deborah Fortman Dukovic, Columbus

Bachelor of Art Education1
John Douglas DePalma, Columbus
Patricia Lynn Dorsey, Columbus
Christine P. Sarra, Reynoldsburg
Sharon Lee Shultz, Marion

Bachelor of Music Education1
Mark Steven Ciminello, Columbus
Frederick Steven Frank, II, Columbus
Charlotte E. Green, Gahanna
Kenneth Eugene Johnson, Richwood
Linda Gail Rhuda, Reynoldsburg
C. Andrew Thomas, Toledo

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Bachelor of Science in Industrial Design

James Paul Buchheim, Westchester
Lawrence R. Dibble, Warren
John Craig Hoye, Westerville
Nancy Gall Pace, Mason

Industrial Design
James Bachelor of Sciences
Lawrence R. Dibble, Warren
Nancy Gail College of Biological
Dean: Patrick R. Dugan

Bachelor of Science
Alison Cynthia Auclair, Columbus
Raymond Anthony Bannan, Shadyside
Lisa Michelle Bannon, Columbus
Robin Lynn Barker, Columbus
Judith Marie Boho, Euclid
Harry L. Bowers III, Edgerton
Mark H. R. Brand, Cincinnati
Charles Richard Buchanan, Englewood
Gary Lewis Copeland, Columbus
Laura L. Dorsey, Columbus
David Benton Ellis, Washington, C.H.
Michael James Freeland, Lima
Arla Lee Gilliland, Wellington
Mary Elizabeth Gustafson, Cleveland Heights
Michael Dale Gwinn, Newark
Kenneth James Hammer, Cleveland
John Milton Jones, Warren
David Webster Junk, Hilliard
Christopher Stephen Kenkoy, Fairview Park
Marleen L. Kromer, Columbus
Philip Anthony Lampe, Worthington
Thomas Barton May, Cincinnati
Maia Kay McCune, Lucasville
Stephen D. Mills, Findlay
Carlos Isaac Montes, Jr., Lorain
James Robert Potoczni, Euclid
James Allen Raimondi, Defiance
Kent Lee Rogers, Grove City
Michael Anthony Scarpone, Steubenville
Stephanie Lymne Smith, Franklin
Kenneth Raymond Thomas, Marion
Elaine M. Treidel, Toma River, N. J.
Lance Voss, Columbus
Edward L. White, Kettering
Nancy Jean Zeleznik, Rocky River
Paul Joseph Zock, Warren

College of Biological Sciences
Dean: Patrick R. Dugan

Bachelor of Science
Alison Cynthia Auclair, Columbus
Raymond Anthony Bannan, Shadyside
Lisa Michelle Bannon, Columbus
Robin Lynn Barker, Columbus
Judith Marie Boho, Euclid
Harry L. Bowers III, Edgerton
Mark H. R. Brand, Cincinnati
Charles Richard Buchanan, Englewood
Gary Lewis Copeland, Columbus
Laura L. Dorsey, Columbus
David Benton Ellis, Washington, C.H.
Michael James Freeland, Lima
Arla Lee Gilliland, Wellington
Mary Elizabeth Gustafson, Cleveland Heights
Michael Dale Gwinn, Newark
Kenneth James Hammer, Cleveland
John Milton Jones, Warren
David Webster Junk, Hilliard
Christopher Stephen Kenkoy, Fairview Park
Marleen L. Kromer, Columbus
Philip Anthony Lampe, Worthington
Thomas Barton May, Cincinnati
Maia Kay McCune, Lucasville
Stephen D. Mills, Findlay
Carlos Isaac Montes, Jr., Lorain
James Robert Potoczni, Euclid
James Allen Raimondi, Defiance
Kent Lee Rogers, Grove City
Michael Anthony Scarpone, Steubenville
Stephanie Lymne Smith, Franklin
Kenneth Raymond Thomas, Marion
Elaine M. Treidel, Toma River, N. J.
Lance Voss, Columbus
Edward L. White, Kettering
Nancy Jean Zeleznik, Rocky River
Paul Joseph Zock, Warren

College of Humanities
Dean: Dieter H. Haenecke

Bachelor of Arts
Albert Jerome Bell, Columbus
Judith A. Burke, Columbus
David William Cheney, Marion

Mary Joan Coleman, Crestline
Jane Watson Corzine, Chillicothe
Kathleen Kay Davis, Paulding
Diana Lynn Dimas, Crestline
Jennifer Lynn Dowling, Ghannah
Paul Alexander Dyer, Columbus
Allen L. Fankhauser, Bellaire
Brent D. Fitzpatrick, Columbus
Linda M. Francis, Columbus
Carol Sue Fuller, Columbus
Connie Sue Gahl, Columbus
Christopher Andrew Galliutis, Reynoldsburg
Mary Louise Garner, Circleville
Valerie Ann Harger, Marietta
Thomas K. Harrington, Worthington
Diane Marie Harris, Lancaster
Daniel James Hayes, Puxatawney, Pa.
Patricia Ann Kaiser, Grove City
Julia Ann Kramer, Columbus
Barbara G. Loewenstein, Cincinnati
Linda May Maggied, Columbus
Molly Maria Muth, Centerville
Linda Dianne Myers, Lexington
Timothy Richard Payne, Columbus
Richard Corbett Rutherford, Frankfort
Christopher Cole Schueman, Columbus
Lennie Mae Spey, Columbus
Peter Trent Smith, Zanesville
Dot Jayne Venham, New Albany
Gregory Lee Watkins, Van Wert
Laura B. Wessely, Eugene, Oreg.
Michael Scott Young, Mansfield

College of Social and Behavioral Sciences
Dean: S. Earl Brown

Bachelor of Arts
Rick Joseph Abraham, Columbus
Evan Brian Baiden, Thornville
Brenda Lin Baire, Glenford
Audrey Lynn Baskerville, Cincinnati
Michael Alan Bell, Columbus
Lisa Anne Bennett, Westerville
Gregory Edwin Berger, Brecksville
Gregor J. Berning, Minster
Jeffrey Brian Boley, Canton
Sharri Ann Borgeson, Bay Village
David L. Brigham, Columbus
Catherine R. Brown, Botkins
Jeffrey Lee Bundy, Canton
Adrienne Anne Cardellini, Chagrin Falls
Peter Lawrence Coa, Coshocton
Erie Lee Charlino, Hudson
Paul Raymond Cieslak, Brunswick
Susan Elaine Cottrell, Columbus
Mary Finnerty Collins, Kirtland
Paige Doucette Crane, Columbus
Kenneth William Cress, Chagrin Falls
Patrick L. Dodge, Columbus
Janet Sue Done, Washington, C.H.
Chester Louis Drake III, Columbus
Joseph J. Duda, Columbus
Linda Oct. 1986, Columbus
Diane P. Durant, Zanesville
Lori Jo Fenton, Plain City
Robert James Fisco, Bay Village
Donald Robert Flash, Stow
Dana Jean Folk, Canfield
Francis X. Follin, Columbus
Marjorie Anne Gabriel, Worthington
Mary Alice Garcia, Canfield
John Bradley Gibson, Upper Arlington
Joseph Ralph Gilebre, Huron
Jane Lynn Gynn, Hilliard
Stephen Charter Harkrader, Columbus
Cheryl Denise Harris, Bellevue
Mary Patricia Hartis-Anderson, Worthington
Sandrea Carlynn Hawthorne, Cleveland
Hans Juergen Hofmann, Bucyrus
Andrew William Hofstetter, Pepper Pike
Mark W. Hooper, Canfield
Cathy Sue Howes, North Canton
Larry Eugene Hober, Worthingville
Debra Beth Kangisser, Beachwood
Gregory Robert Kellner, Mansfield
Patricia Kay Knox, Columbus
Elizabeth Marie Lynch, Columbus
John William Mahaffey, New Washington
Linda Carol Marcy, Chagrin Falls
Michael Samuel Martis, Lyndhurst
Kathleen Elizabeth McGahey, Columbus
Anthony Joseph Megaro, Chicago, Ill.
Richard K. Mianethal, Columbus
Cynthia K. Mitter, Reynoldsburg
Steven Eugene Mitchell, Delaware
Shanshi Mamagahni Mohelmian, Tehran
Janice René Morabito, Steubenville
Edwin S. Nacc, Mansfield
D. Keith Nichols, Columbus
Timothy S. Nichols, Upper Arlington
Susan Kristina Parrish, Columbus
Janet S. Parrott, Mansfield
Perry Lee Passer, Columbus
Victoria Elizabeth Martha Pendleton, Columbus

College of Mathematical and Physical Sciences
Dean: Colin B. B. Bull

Bachelor of Arts
Catherine Ellen Helmers, Cincinnati
George McDowell Messick, Upper Arlington
David Yale Schlossman, Mansfield

Bachelor of Science
Richard Alan Asamoto, Mayfield Village
Michael S. Brandy, Liberty, Ind.
Carol Diane Christian, Delaware
John Raymond Felix, Cincinnati
Robert Stephen Frock, North Canton
Leo Frederick Gentile, San Luis Obispo, Calif.
Thomas Arthur Klingensmith, Columbus
David Marchese, Sussex, N. J.
Joseph Reardon Morrisey, West Haven, Conn.
Maureen Cooper O'Daniel, Gahannah
Amy Irene Palm, Hebron
Ping-Ying Pan, Hong Kong
Robert Elie Rabbat, Beirut, Lebanon
Mary Beth Rafalowski, North Canton
Brant Paul Saperstein, Columbus
Ronald Glenn Schuller, Clyde
Booke T. Smith, Jr., Cleveland
Linda Davis Sullivan, Bellevue, Nebr.
Mark Allen Wafe, Columbus
Jeffrey Thomas Quint, Cincinnati
Kenneth W.
Janet Ruth Lynn Ann
Cheryl G.
Clarence Osborne Rapisarda, Cleveland
James Gordon Vail, Reston, Va.
John Michael John Mark
Deborah L. Rogal,
Martha Ellen Reno, Washington C.H.
Ronald Carl Steven Clyde
Carmine K. Todd, Columbus
Raymond Peter White, Dayton
Jennifer Lynn Wright, Lima

College of Administrative Science
Dean: H. Justin Davidson

Bachelor of Science in Business Administration
Joan I. Acevedo, Columbus
Rodney Eugene Ackley, Lancaster
Richard Herman Ahlers, Cincinnati
Faiyaz Ahmed, Karachi, Pakistan
George Scott Alecusan, Canton
Edith Gaylord Allen, Galena
James Randy Allen, Ellicott City, Md.
Karen Ann Amico, Williamsville, N.Y.
Karen Lynn Ammons, Newark
Affar Mohammed Amravy, Columbus
Ronald Richard Anderson, Columbus
Ronda Jean Anderson, Centerville
Kevin Lee Angelo, Columbus
Gregory Mark Anglin, Dublin
Brian Thomas Atwell, Newark
Kenneth Alan Auble, Ironon
Earl Frederick Augenstein, Grove City
John Glenn Baker, Willowick
John Jay Beboub, Hebron
Brett Alan Becker, South Euclid
Sara Lee Benson, Washington C.H.
Bruce Charles Berk, Columbus
L. Craig Berlin, Columbus
Brian Joseph Bernhard, Columbus
John Robert Bertsch, Akron
James Troy Bigham, Columbus
Jeffrey W. Black, Ashville
Jeffrey L. Boehm, Radnor
Paula Marie Bohn, Columbus
Brent Robert Bencueuter, Shelby
Charles Lynn Booth, Kimbolton
Elizabeth Ann Brauner, Columbus
Eric Bradley Brooks, Perryburg
Robin Drew Bryer, East Liverpool
David Curtis Calloway, Newark
Deborah Ann Carrel, Caldwell
Richard Allen Carville, Columbus
Frederick S. Cavlovic, Mansfield
Mark Randall Chambers, Columbus
James Christopher Clark, Springfield
Jeffrey Lee Cleveringer, Columbus
David Lenn Coco, Alliance
Cheryl Ann Cooper, Rocky River
Kelly Elizabeth Corbiet, Sarasota, Fla.
Clifford Ashbrook Curtis, Galena
John Edwin Curtis, Columbus
Walker Drew Damon, Columbus
James Howard Davis, Jr., Columbus
Robert Gerard Davanzo, Hamilton
Philip Ross Dierrow, Columbus

Timothy Joseph Devine, Columbus
Alan Leroy Devibels, Fredericktown
Michael Thomas Donahue, Columbus
Penny Jo Dowd, Columbus
Eric B. Durell, Columbus
Michael Rase Dutt, Marion
Steve Robert Ecker, Columbus
Thomas Wray Ervin, Columbus
Dane Harold Espenschied, Gahanna
William Mark Evans, Worthington
Kathrin Ann Fellows, Upper Arlington
Redith L. Fendt, Columbus
Jon Douglas Gamertsfelder, Burgoo
Brent Allen Gardner, Sandusky
Karen Lynn Gary, Bexley
Marvin P. Gillfillan, Kenton
Virginia Hardison Girard, Columbus
Michael A. Goldstein, Columbus
Lisa Anne Gonzalez, Columbus
Steven Ray Goodrich, Columbus
Helen Deloria Gore, Upper Arlington
David Eric Gower, Butler
Tracey Jerome Gray, Lebanon
David Lynn Green, Baltimore
Richard William Grunenwald, Columbus
Juanita Susan Gugelchuk, South Point
David Allen Gurwin, Columbus
Edward A. Hafner, Canton
Barbara Joan Hamilton, North Brunswick, N. J.
Debi A. Hart, Marion
Rebecca Ann Hatchett, Columbus
Miles Frederick Haver, Columbus
Jeffrey Allen Hoffer, Newark
Steven Clyde Holcomb, West Jefferson
Kurt John Hollinger, Worthington
Jeffrey Alan Holub, Columbus
Kathleen Grace Romier, Lexington
James E. Houston, Akron
Steven Edward Howard, Columbus
Kathy Anne Huettel, Barlow
Jeanne Elizabeth Huffman, Columbus
David Paul Isaacs, Waldorf
Coleen Marie Jablinski, Dayton
Donald Shane Jackson, Harpersfield
Richard Lee James, Columbus
Timothy Jerome Jansen, Columbus
David Eric Jarvis, Westerville
Dan C. Jay, Columbus
W. Scott Johnson, Toledo
David Wesley Johnston, Wooster
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Constance Louise Kahle, Kalida
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James Kenneth McHugh, Toledo
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Paul Allen Palmer, Shoreview, Minn.
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Mark Wilbert Poppelman, Yorktown
Larry Steven Powell, Germantown
Cullen Jane Priest, Columbus
Linda Skinner Priestas, Columbus
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Dean Max Rafold, Ashland
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Theodore Pete Sercagick, Pickerington
Kent Leon Shafer, Westerville
Edward George Sharick, Columbus
Steven Lowell Shasky, Mansfield
Bryan Jay Shaver, Norwalk
Jeff David Sherman, Fredericksburg, N. Y.
Jackson Jay Short, Archbold
Thomas Laurence Showalter, Elyria
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Kelly Sue Snyder, Mansfield
Kerry Earl Snyder, Lima
Gregory Paul Sobovich, Reynoldsburg
Kathryn Ann Spiedel, Fremont
Thomas John Sprowls, Medina
Thomas Alan Stone, Gahanna
Suzan Lynelle Stoner, Columbus
John Lee Strong, Marysville
Mary Ages Swan, Elyria
Linda Marie Sweeney, Columbus
Dave Norman Sweet, Salem
Kimberly Ann Swob, Troy
Shelly Sue Thomas, West Chester
Charmaine B. Thurman, Akron
Michele Renee Tiburzi, Tiltonsville
Tim L. Toews, Ashville
Quan Phat Tran, Columbus
Brian Lee Trelsch, Galion
Matthew Charles Tyson, Westerville
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Lou Doris Voelker, Palinsville
Morgan W. Von Lohr, IV, Centerville
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Michael Scott Yankovich, Strongsville
Chih Joy Yeh, Taipei, Taiwan, B.O.C.
Douglas Kirk Yoho, Woodford
John Roger Yoho, Columbus
Leamonn Dennis Young, Columbus
Steven Mark Zimmerman, Akron
Linda Joy Zovack, Massillon

Bachelor of Science in Agriculture and Home Economics
Dean: Roy M. Kottman

Bachelor of Science in Agriculture
David Eugene Abfall, Avon
Nathan Lowell Andrus, Wauseon
Frank Arata, Liberia, Costa Rica
Tina Marie Bensch, Cincinnati
Constance Leigh Baker, Columbus
John Phillip Baker, Chillicothe
Jacquelyn Kay Bannan, Willowick
Bruce Leonard Beadle, Akron
Harold Boggs, Jr., Galloway
Michael William Bolton, Trenton
Deborah Jean Boymer, Rocky River
David John Brinson, Chagrin Falls
Stephanie Mabel Breugman, Middletown, Va.
Allen Wayne Campbell, Bucyrus
Jeffrey Bryan Chapman, Gahanna
Jeffrey Allen Clapper, Zanesville
Pamela Sue Cline, Marysville
Jacqueline Ana Coleman, Trotonton
David Lee Creeper, Postoria
Thomas Paul D’Avello, Akron
Cynthia Lynn Dye, Wilmingon
Bruce Kevin Echevarry, Grove City
Steven James Engels, Columbus
Christopher Kevin Eschhofs, Bryan
Patricia Ann Fike, Ashland
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Janice Sue Foster, Granville
Regina Marie Frankenberg, New Bremen
Robert Lee Fruth, Tiffin
Jeffrey Scott Gabric, Alliance
Randy Lee Gerber, Sabina
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Robert Bruce Gregg, Fredericktown
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Jay Alan Hager, Spencerville
David Glen Haley, Mt. Vernon
Richard Lee Hannah, Chippewa
Cindy Ann Hanning, Bozeman, Mont.
David Paul Hare, Akron
Krista Jean Hartman, Bay Village
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Linda Sue Norden, Napoleon
Mark David O'Shaughnessy, Cincinnati
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James Forrest Reed, Solon
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David Arlas Rittinger, Circleville
Lisa Marie Roby, Waterville
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Tammy Lee Roll, Greensfield
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Nicholas Gale Schimmoeller, Kalida
Richard Stanfield Schneider, Mt. Sterling
Dale Herman Shawk, Bucyrus
James Roy Silver, Wooster
Jennifer Ellen Slack, Marietta
Brent Alan Standridge, Columbus
Daniel Ray Stephens, Lancaster
Martell Susan Staak, Hilldale, N. Y.
Daniel Lee Uher, Warsaw
Boyd William Wallbrown, Deerfield
Pat J. Whittington, Sabina
Bruce Alan Wiley, Canfled
Thomas Leslie Wittich, Mt. Sterling
Thomas Michael Wood, Worthington

Bacheelor of Science in Restaurant Management

Robert Raymond Friedrich, Strongsville
Richard Lynn Pitts, Berea
Daniel Lynn Woodard, Dayton

School of Natural Resources

Bachelor of Science in Natural Resources

Jon Robert Appelmann, Wooster
Regina Batchelor, Columbus
Russell Homer Barbee, Jr., Hilliard
Mark Sever Baumhardt, Centerville
Ellen Coombs Bogardus, Columbus
James Bruce Cardwell, Milan
Jeffrey Phillip Commons, Lakeview
Dennis Francis Cromwell, Cleveland
Laurel Lynn Devaney, Hilliard
Fred Ben Fallon, Worthington
Paul Steve Hailey, Mt. Vernon
James Jeffrey Heck, Columbus
Mary Barbara Hentley, Columbus
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Steven Joe King, Findlay
John Paul Kozlowski, Worthington
Penay Patterson Leedle, Columbus
Rickey Nelson Lockhart, Willoughby Hills
Gary Allen Ludwig, Adena
Patrick Michael McKinney, Marion
William Thomas Norman, North Canton
Kevin Gerard O'Grady, Columbus
Perry Jon Orendorff, Sandusky
Bruce Patrick, Whitehall
Lois Jean Sherrick, Ashland
Deborah Schumann Thompson, Columbus
John Christopher Tipple, Reynoldsburg

College of Dentistry

Bacheelor of Science in Education

Dean: William R. Wallace

College of Education

Dean: Robert A. Burnham

Agricultural Technical Institute-Wooster

Associate in Applied Science

Leslie Dawn Apgar, Columbus
Dean Kenneth Balduff, Castalia
Wayne Alan Becker, Ottoville
Dennis Lloyd Begg, Bluffton
David Mark Bell, Mansfield
Regina Ras Baird, Bowling Green
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Daniel Jay Connelly, Rocky River
Norman Charles Dresbach, Circleville
Thomas Moore Emmet, Richfield
Daniel Joseph Gah, Lakeview

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Carl Albion Gaston, East Liverpool

B.A. (Case Western Reserve University)

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

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Anne Rodier Allaby, Columbus
Laura Carol Alligre, Bucyrus
Sharon C. Alliroy, Columbus
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Peggy Lou Gavin, Columbus
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Gayla Lynn Grant, Brilliant
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Colleen Elizabeth Hilty, Columbus
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Patricia Margaret Rose Homan, Columbus
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Kenya, East Africa
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B.A. (Davidson College)
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Gary Andrew Rawson, Columbus
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Kathleen Louise Rhine, Lima
Kathryn Jean Richison, Columbus
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Pamela Sue Rowland, Bucyrus
Sharon Anne Royer, Akron
Susan Ramsey, Columbus
Leslie Lynne Sachs, Columbus
Nancy Nichols Savage, Columbus
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Angeline Schiavoni, Columbus
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Deborah Lynn St. Clair, Columbus
Daniel Robert Stevens, Worthington
Terese Ellen Stolarzki, Beavercreek
Joyce Ann Stranges, Whitehall
MaryEllen Swarts, Dayton
Lynnette Victoria Sydor, Cleveland
Debra Kay Taylor, New Albany
Kimara Jo TenEyck, Bucyrus
Susanne Elizabeth Tilman, Fairborn
Karen A. Tompkins, Gahanna
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Debra M. Wilson, Circleville
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Brian Leslie Wolfe, Lucasville
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Candidates are listed under College of the Arts.

College of Engineering
Dean: Donald D. Gower

Bachelor of Science in Aeronautical and Astronautical Engineering

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Michael James Lawler, Dayton
Mark Steven Miller, Columbus
Patrick Dennis Quinn, Fort Wayne, Ind.
Richard Byron Stewart, Vandalia
Richard William Willis, Columbus
Mark Matthew Wiseman, Medina
William Anthony Wrobel, Waldo
Ronald James Zugoli, Columbus

Bachelor of Science in Agricultural Engineering

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Dean Ward Dayton, Hillsboro
Steven Lawrence Keith Tuttle, Sagamore Hills

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Joseph A. Bruno, Charington
Charles Duffy, Woodfield
Dennis Michael Gutzit, Towitz Boro, N. J.
Gregory Paul Mees, Lima, Ohio
Don Jeremy Beth, South Euclid

Bachelor of Science in Chemical Engineering

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Michael Lee Kochersperger, West Milton
Jeffrey Harold Yanof, Toledo

Bachelor of Science in Civil Engineering

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James Ronald Beitel, Columbus
Robert W. Blakeman, Blacklick
Brian Francis Casey, Columbus
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J. Christopher Mulbordan, Columbus
Molly Elizabeth Obrien, Kettering
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Babak Chaharsough Shirazi, Tehran, Iran
Charles Douglas Vais, Milford
Bryon Lee Willoughby, Richmond Dale

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Mark Allen Conron, Clarion, Pa.
Ricky Royce Fender, Columbus
Tony Nelson Gossard, Lima
Alan Frederick Hartman, Columbus
Nouney Anom Hill, Jamaica, N. Y.
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James Kevin Koelkebeck, Bainbridge
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Richard Dale Lynn, Dallas, Tex.
Robert Leslie McCoy, Columbus
Jerome Andrew Mullinix, Lorain
Victor Thomas Nader, Zanesville
Robert Kent Neat, East Liverpool
Mitchell Peter Pappas, Sandusky
Craig Alan Prall, Belle Center
Lori Elizabeth Schults, Westerville
Charles Wilson Staples, Marion
Kelli Ann White, Seven Hills

Bachelor of Science in Electrical Engineering

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Peter Anthony Barry, Portsmouth
Christopher Alan Bassett, Dayton
Bradley Patten Benford, Findlay
Michael Kevin Brown, Columbus
Robert Ku-wei Chen, East Asia
Donna Jean Cleland, Columbus
<table>
<thead>
<tr>
<th>Name</th>
<th>City, State/Province</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kris Martin Fraley</td>
<td>Columbus</td>
</tr>
<tr>
<td>Barbara A. Hall</td>
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<td>David Allen Haddadetton, Zanesville</td>
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<td>John Calvin Katskindorn, Columbus</td>
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<td>Phillip Arthur Kean, Hartstown</td>
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<td>Stevven Ernest Keller, Hamilton</td>
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<td>David Mark Kollm, Fairview Park</td>
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<td>James Alan Kroeger, Worthington</td>
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<td>Anthony Alexander Maciejewski, Cleveland</td>
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<td>Jeffrey Carl Price, McConnelhant</td>
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<td>Michael Alan Radigan, Cleveland</td>
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<td>Sudhir Ran, Columbus</td>
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<td>Edward Gordon Rice, Corning, N. Y.</td>
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<td>David Lee Seecles, Columbus</td>
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<td>Abdul Hamid Sheik, Tripoli, Libya</td>
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<td>Dennis Alan Shoulders, Cleveland</td>
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<td>Deborah Ann Shutt, Grafton</td>
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<td>Jeerey John Vu, Milford</td>
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<td>Thomas Carl Wallenhorst, Mt. Healthy</td>
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<td>Michael Gene Weyant, Troy</td>
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<td>Larry Keith Woolums, Lees Creek</td>
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<td>Kenneth Scott Wyman, South Euclid</td>
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<td>Matthew Louis Moulds, Columbus</td>
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<td>Glen Prater, Jr., Plain City</td>
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<td>David Anthony Selbemek, Miller City</td>
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<td>Gary Steven Shapiro, Lyndhurst</td>
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<td>Kathryn Elizabeth Stanton, Columbus</td>
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<td>Russell Ering Ure, Dayton</td>
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<td>Jonathan Edward Usak, Lorain</td>
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<td>George Robert Wetterer, Cincinnati Reading</td>
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<td>Thomas Joseph Willis, St. Petersburg, Fl.</td>
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<td>Mark William Wood, Columbus</td>
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<tr>
<td>Bachelor of Science in Industrial and Systems Engineering</td>
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<tr>
<td>Deborah Ann Armeni, Salem</td>
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<td>William Edward Bartos, Richfield</td>
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<td>Tony Han-Kan Chau, Monterey Park, Calif.</td>
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<td>Jeffrey Lynn Craig, Beaver Creek</td>
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<td>Douglas Kent DeLong, Ashland</td>
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<td>Terry Eugene Emerine, Postoria</td>
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<td>John Ward Pinta, Warren</td>
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<td>Richard Anthony Garnett, Middletown</td>
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<td>Keith Richard Hoover, Bradford</td>
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<td>Doris Elizabeth Korda, Dublin</td>
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<td>Carol Ann Kretim, Newark</td>
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<td>Gretchen Poitgten Liza, Springfield</td>
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<td>Laurie Jean Loomis, Columbus</td>
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<td>Daniel A. Lukasznik, Conneaut</td>
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<td>David Craig Schiitz, Columbus</td>
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<tr>
<td>Michael Frank Theeck, Carleton, Mich.</td>
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<td>Mary Jane N. Poe, Fairmont Heights</td>
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<td>Wendy Lou Wirth, Middleburg Heights</td>
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<td>Steven Michael Wolf, Columbus</td>
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<tr>
<td>Bachelor of Science in Mechanical Engineering</td>
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<td>Menachem Amir, Ramat-Gan, Israel</td>
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<td>Steven C. Bell, Westerville</td>
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<td>Kevin Robert Boyne, Columbus</td>
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<td>Bruce William Brayshaw, Miamisburg</td>
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<td>Donald Herbert Brebeck, Akron</td>
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<td>Robert Esley Broderick, Fort Worth, Tex.</td>
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<td>Jeffrey David Deehake, Lima</td>
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<td>Rudolph Harman Helle, III, Millersport</td>
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<td>Glen Prater, Jr., Plain City</td>
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<td>David Anthony Selbemek, Miller City</td>
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<td>Gary Steven Shapiro, Lyndhurst</td>
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<td>Kathryn Elizabeth Stanton, Columbus</td>
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<td>Russell Ering Ure, Dayton</td>
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<td>Jonathan Edward Usak, Lorain</td>
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<td>George Robert Wetterer, Cincinnati Reading</td>
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<td>Mark William Wood, Columbus</td>
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<tr>
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<tr>
<td>Michael James Armeni, Salem</td>
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<tr>
<td>Bachelor of Science in Surveying</td>
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<td>James Edward Peterson, Pulaski, N. Y.</td>
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<tr>
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<td>William Hugh Hatcher, Kenton</td>
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<td>Israel Shabtai, Columbus</td>
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<td>School of Architecture</td>
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<td>Brian James Goodall, Mansfield</td>
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<td>Katherine Alaine Guas, Columbus</td>
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<tr>
<td>Sanaa Youssef Tobah, Cairo, Egypt</td>
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<tr>
<td>Bachelor of Science in Architecture</td>
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<tr>
<td>Dean: Manuel Tzagournis, M.D.</td>
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<td>Bachelor of Science in Landscape Architecture</td>
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<td>Bruce Randolph Moody, Columbus</td>
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<td>College of Medicine</td>
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<td>Dean: Albert H. Soloway</td>
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<tr>
<td>Marion Kyle Cockerhill, Washington, D.C.</td>
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<td>Lori Ater Coppell, Chillicothe</td>
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<td>Carol Jean Danian, Columbus</td>
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<td>Mark A. Terpilak, Strongsville</td>
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<td>Kenneth Alan Toller, Monroe</td>
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<tr>
<td>Arch Joseph Weber, Columbus</td>
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<td>Jennifer Lynne Wharton, Columbus</td>
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<tr>
<td>Bachelor of Science in Pharmacy</td>
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</tbody>
</table>

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School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Barbara Koczarski: McNair, Columbus

School of Nursing

Bachelor of Science in Nursing

Pamela Gail Jackson, Cleveland
Betty Hope Neckrich, Grosse Ile, Mich.

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

David Brian Fritz, Warren

College of Pharmacy

Bachelor of Science in Pharmacy

Marion Kyle Cookerhill, Washington, D.C.
Lori Ater Coppell, Chillicothe
Carol Jean Danian, Columbus
Mark Oliver Durrant, Akron
Becky Sue Fultz, Middleport
Mark Alan Hadley, Harrod
Paula DeAnne Henry, St. Clairsville
Donna Louise Holmes, Cohocton
Karen Kiplinger Hostler, Ashland
Margaret Ann Hugg, Columbus
Bill Hale Jerrils, Columbus
Karen Lee Kennedy, Cambridge
Jeffrey Leonard Long, Haysville
Terrence Kent Malone, Greenhills
David James Marriscos, Niles
Michael Alan Smith, Columbus
Mark A. Terpilak, Strongsville
Kenneth Alan Toller, Monroe
Arch Joseph Weber, Columbus
Jennifer Lynne Wharton, Columbus

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College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare
Anita Louise Marshall-Gallick, Tiffin

Graduates with Honors

Criteria for graduates with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 26% 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 8% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.6% in the Colleges of the Arts and Sciences).

With Distinction in Agricultural Education
Christine Martha Fisher

With Distinction in Environmental Education
Elle Coombs Bogardus

With Distinction in Environmental Interpretation
Mary Barbara Henterly
Patrick Michael McKinney

With Distinction in Mechanical Engineering
Terry Lynn Merriman

With Distinction in English and with Honors in the Liberal Arts
Laurie Beth Wessely

With Honors in the Liberal Arts
Julie Colleen Ford
Debra Ann Hardman
John Milton Jones
Deborah Lynn Rogal
Robin Steffeld

Cum Laude
Linda Jane Babbert
Raymond Anthony Bannan
Tina Marie Baehner
Wayne Alan Becker
Stacie Jean Bornhorst
John Phillip Bolger
Eric Bradley Brooks
Michael Kevin Brown
Charles Richard Buchanan
Paul Raymond Cieslak
Beth Fair Clechnor
Lori Ater Coppel
Linda King Courlas
Jennifer Lynn Dowling
Dan L. Edwards
Connie Sue Gaib
Virginia Hardison Girard
Michael Dale Gwinn
Thomas K. Harrington
Karen Riplinger Hostler
Daniel Scott Kaiser
Patricia Ann Kaiser
Russell Jay King
Jennifer Lynn Kocher
Michael Larry Kocher
Bryan Reid Laimore
Les Marie Montgomery
Patricia L. Patterson
Nancy J. Pickthap
Mark Wilbert Poppelman
Janet Raith Russack
Judith Ann Schieber
Lucinda Elizabeth Schrader
Jeff David Sherman
Lynn Marie Shields
Todd Alan Singer
Michael Frank Theeck
Gary Lee Ulmer
Richard Scott Urban
Sondra Lee Wellmerling
Windy Lou Wirth

Cum Laude with Distinction in Animal Science
Janice Sue Foster

Summa Cum Laude
Anne Bodier Allaby
Laura Carol Alligire
Charles Linn Booth
Diane McMillan Cipollo
Robert E. Chen
Kerry L. Corbett
Brian Thomas DeWitt
Charlotte E. Green
David Allen Gurwin
Alan Frederick Hartman
Constance Louise Kahle
Carol Ann Kriem
Anthony Alexander Maciejewski
Linda Sue Norden
Amy Irene Palm
Glen Prater, Jr.
Don Jeremy Roth
Deborah Monse Schenk
Vaunda L. Vicklo
Mary Ann Wagner
Mary Jane Winner

Summa Cum Laude with Distinction in Parks and Recreation Administration
Lois Jean Sherrick
Page 459 is blank
Page 460 is blank
The Board of Trustees met at its regular monthly meeting on Friday, April 2, 1982, at The Ohio State University Lima Campus, Lima, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
April 2, 1982 meeting, Board of Trustees

The Vice Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 9:45 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.


The meeting of the Board of Trustees reconvened at 12:15 p.m. with Chester Devenow, Chairman, presiding.

RESOLUTIONS IN MEMORIAM

Resolution No. 82-87

Synopsis: Resolutions honoring the service of two of this 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. Smith, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Wallace E. Anderson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 28, 1982, of Wallace E. Anderson, Associate Professor in the Department of Philosophy.

Professor Anderson was born in 1931 near Staples, Minnesota. He attended Macalester College and upon graduation in 1953 (cum laude), attended Chicago Theological Seminary for one year. He was married in 1954 and went on to the University of Minnesota where he received the M.A. in 1958 and Ph.D. in 1961. He taught at the University of Florida from 1958 to 1961, joining The Ohio State University's Department of Philosophy in 1961.

During his 21 years at Ohio State, Professor Anderson served on numerous department and University committees. He was especially committed to the development of our library resources and headed the department Library Committee for a number of years. He taught and published primarily in 17th and 18th century philosophy, and in American philosophy. His writing dealt with problems of metaphysics, perception, and the history and philosophy of science. He edited a volume of the Yale University Press edition of the works of Jonathon Edwards, contributing a number of lengthy and scholarly introductions to Edwards' scientific and philosophical writings.

Professor Anderson's research has been supported by the National Endowment for the Humanities, the Southern Fellowships Foundation, and The Ohio State University.
April 2, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wallace E. Anderson (contd)

belonged to a number of professional and public service organizations, including the American Philosophical Association, the Society for 18th Century Studies, the Columbus Area Civil Rights Council, the United Nations Organization, and groups which supported the musical and cultural institutions of Columbus.

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy and sense of understanding at 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 in their bereavement.

Mary Jane Loomis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 8, 1981, of Mary Jane Loomis, Professor Emeritus in the Academic Faculty of Early and Middle Childhood Education.

Mary Jane Loomis was born in 1904 in New Philadelphia, Ohio. She attended Goucher College, Baltimore, Maryland, and received her B.S.Edu., M.A. and Ph.D. degrees at The Ohio State University. She taught several years in New Philadelphia, Ohio. She was an associate of the Columbus Citizen and taught at the School For the Handicapped Children in Columbus.

In 1936 she joined the faculty at the University School and College of Education at OSU and continued there until her retirement. She was a Professor Emeritus in Early and Middle Childhood Education.

While at OSU, she was an active member of the Association for Childhood Education International organization and served in various capacities. For many years, she contributed articles to the journal, Childhood Education, and served one term on the journal's editorial board. She also was a member of the Association for Supervision and Curriculum Development and contributed to the organization's magazine. She served on the association's Yearbook Committee that prepared the ASCD 1962 Yearbook, titled: Perceiving, Behaving, Becoming: A New Focus for Education. She received an award of merit for her years of service to the organizations.

She was a member of Pen Women in Ohio and received recognition for her book, The Pre-adolescent, published in 1959.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding at 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 in their bereavement.
UNIVERSITY HOSPITALS BOARD  Resolution No. 82-88

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

WHEREAS it was stipulated that "The Hospitals Board shall be comprised of three 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 present terms of four members selected from the general public and the terms of the three members from the University Board of Trustees expire on April 30, 1982:

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, 1982:

Arthur I. Vorys
John Hodges
Frank Lomax
Freida I. Shirk

and

BE IT FURTHER RESOLVED, That the following three members of the University Board of Trustees be confirmed for membership on the University Hospitals Board for the term, May 1, 1982, through April 30, 1983:

Daniel M. Galbreath
D. James Hilliker
Edmund C. Redman

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

--o--
April 2, 1982 meeting, Board of Trustees

NAMING OF HOYT SHERMAN GALLERY
Resolution No. 82-89

Synopsis: The gallery located in Sullivant Hall be named The Hoyt Sherman Gallery.

WHEREAS Professor Hoyt L. Sherman was recognized as an outstanding contributor to the discipline of art; and

WHEREAS Professor Hoyt L. Sherman's accomplishments extended through a variety of disciplines; and

WHEREAS the many grateful students who studied under Professor Sherman are found in all parts of the country:

NOW THEREFORE

BE IT RESOLVED, That the gallery located in Sullivant Hall be named The Hoyt Sherman Gallery.

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

DATE CHANGE FOR IMPLEMENTATION OF UNCONDITIONAL ADMISSION TO THE OHIO STATE UNIVERSITY
Resolution No. 82-90

Synopsis: Date change for implementation of unconditional admission to The Ohio State University is being proposed.

WHEREAS the Board of Trustees announced on September 4, 1981, the intent of The Ohio State University to grant unconditional admittance in Autumn 1983 to those students completing a college preparatory curriculum in high school; and

WHEREAS the University Senate at its meeting of March 13, 1982, defined that curriculum which will best prepare students to undertake and succeed at university level study; and

WHEREAS the Council on Academic Affairs and Council on Admission and Registration, together with numerous individuals and high school administrations, have asked that implementation of the unconditional admission policy be delayed until Autumn 1984 in order to allow an efficient and appropriate transition period; and

WHEREAS implementation of this policy in 1984 will allow time for better articulation with the high schools and students who will be affected:
DATE CHANGE FOR IMPLEMENTATION OF UNCONDITIONAL ADMISSION
TO THE OHIO STATE UNIVERSITY (contd)

NOW THEREFORE

BE IT RESOLVED, That the effective date for implementation of Board Resolution Number 82-18 be Autumn Quarter 1984 instead of Autumn Quarter 1983.

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

PERSONNEL ACTIONS

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Changes in Title; Reappointment of Principal Administrative Officials; Reappointment of Chairmen of Academic Faculties, Departments, and Divisions, and Director of School; Medical Staff Appointments; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 5, 1982 meeting of the Board, including the following Changes in Title; Reappointment of Principal Administrative Officials; Reappointment of Chairmen of Academic Faculties, Departments, and Divisions, and Director of School; Medical Staff Appointments; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget, be approved.

Changes in Title

<table>
<thead>
<tr>
<th>Name</th>
<th>CLIVE W. DONOHO</th>
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<tbody>
<tr>
<td>Title</td>
<td>Acting Director, Ohio Agricultural Research and Development Center, and Professor, Department of Horticulture</td>
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<tr>
<td>Effective</td>
<td>April 2, 1982</td>
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<tr>
<td>Present Position</td>
<td>Associate Director, Ohio Agricultural Research and Development Center, and Professor, Department of Horticulture</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>GEORGE R. GIST, JR.</th>
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<tbody>
<tr>
<td>Title</td>
<td>Acting Director, Cooperative Extension Service, and Professor, Department of Agronomy</td>
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<tr>
<td>Effective</td>
<td>April 2, 1982</td>
</tr>
<tr>
<td>Present Position</td>
<td>Associate Director, Cooperative Extension Service, and Professor, Department of Agronomy</td>
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PERSONNEL ACTIONS (contd)

Reappointment of Principal Administrative Officials

ALBERT H. SOLOWAY, Dean of the College of Pharmacy, effective July 1, 1982 through June 30, 1987, pursuant to rule 3335-3-17 of the Administrative Code.

JAMES S. BIDDLE, Dean and Director of The Ohio State University Lima Campus, effective July 1, 1982 through June 30, 1987, pursuant to rule 3335-3-17 of the Administrative Code.

Reappointment of Chairmen of Academic Faculties, Departments, and Divisions, and Director of School

July 1, 1982 through June 30, 1986

Agricultural Education
Agricultural Mechanics (ATI)
Animal Industries (ATI)
Home Economics
Horticultural Industries (ATI)
Horticulture

J. Robert Warmbrod
Wayne Longbrake
Ronald Borton
Francille M. Firebaugh
Gary Anderson
Howard Rollins

July 1, 1982 through June 30, 1984

Dairy Science

Glen H. Schmidt

July 1, 1982 through June 30, 1983

Educational Foundations and Research
Educational Administration

*Elsie J. Alberty
*Lonnie H. Wagstaff

*Acting Chairman

Medical Staff Appointments

Effective July 1, 1973

Joseph Schlonsky, M.D.  Courtesy Staff in Surgery, Division of Orthopaedic Surgery  Clinical Instructor

Effective July 1, 1979

Albert C. Clairmont, M.D.  Limited Staff in Physical Medicine and Rehabilitation  Clinical Instructor H.S.
April 2, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (contd)

Effective July 1, 1981

Lester R. Mohler, M.D.  Courtesy Staff in Surgery, Service of Plastic Surgery  Clinical Assistant Professor
Ronald A. Naille, M.D.  Courtesy Staff in Surgery, Service of Plastic Surgery  Clinical Assistant Professor
H. William Porterfield, M.D.  Courtesy Staff in Surgery, Service of Plastic Surgery  Clinical Associate Professor
Blair D. Vermilion, M.D.  Courtesy Staff in Surgery, Service of General Surgery  Clinical Assistant Professor

Effective September 1, 1981

Linda James Myers, Ph.D.  Associate Staff in Psychiatry (Clinical Psychology)  Clinical Associate Professor

Effective October 1, 1981

John E. Horton, D.D.S.  Attending Staff in Dentistry, Service of General Dentistry  Professor
Charles F. Johnson, M.D.  Attending Staff in Pediatrics  Professor
Elaine Nemzer, M.D.  Transfer from Limited Staff in Psychiatry, Service of Child Psychiatry, to Courtesy Staff in Child Psychiatry  Clinical Assistant Professor
Nicolas Tsakalos, M.D.  Limited Staff in Medicine, Service of Rheumatology (Fellow)  Clinical Instructor H.S.

Effective January 1, 1982

David K. Johnson, M.D.  Limited Staff in Physical Medicine and Rehabilitation  Clinical Instructor H.S.
Paul D. Kautz, M.D.  Limited Staff in Surgery, Service of Thoracic and Cardiovascular Surgery  Clinical Instructor H.S.
April 2, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (contd)

Effective January 1, 1982 (contd)

Douglas A. Kuperman, M.D. Limited Staff in Family Medicine
Thomas E. Lammertse, M.D. Limited Staff in Physical Medicine and Rehabilitation
Wyndham G. Mortimer, M.D. Limited Staff in Anesthesiology
Kim Nicola, M.D. Limited Staff in Family Medicine
Kottill Walappil Rammohan, M.D. Attending Staff in Medicine, Service of Neurology
Lewis Seeder, M.D. Limited Staff in Physical Medicine and Rehabilitation

Effective February 1, 1982

Melvin Wilson Thomas, M.D. Limited Staff in Family Medicine

Effective March 1, 1982

Patrick Brian Doyle, M.D. Limited Staff in Family Medicine
John C. Jump, M.D. Courtesy Staff in Physical Medicine and Rehabilitation
Douglas C. Wallace, M.D. Limited Staff in Family Medicine

Leaves of Absence Without Salary

EDWARD P. J. CORBETT, Professor, Department of English, effective January 1, 1983 through March 31, 1983, to accept a visiting professorship at the University of Houston.

JOHN K. SHANK, Professor and Chairman, Academic Faculty of Accounting, effective October 1, 1982 through June 30, 1983, to accept a visiting professorship at the Amos Tuck School at Dartmouth College.

NORA CHING, Instructor, Department of East Asian Languages and Literatures, effective May 24, 1982 through June 12, 1982, to accompany an official trade delegation of the State of Ohio to China.
April 2, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

SUSAN ZAVOTKA, Instructor, School of Home Economics, effective October 1, 1982 through June 30, 1983, to pursue work on her Ph.D. degree.

Professional Improvement Leaves


JAMES R. GAINES, Professor, Department of Physics, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

LESTER E. KRUEGER, Professor, Department of Psychology, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

DAVID J. LIM, Professor, Department of Otolaryngology, effective Summer Quarter 1982 and Autumn Quarter 1982.


THOMAS H. ROCKWELL, Professor, Department of Industrial and Systems Engineering, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

MICHAEL A. CHIPPERFIELD, Associate Professor, Department of Art, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

JOHN D. HARDER, Associate Professor, Department of Zoology, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

THOMAS A. WOLF, Associate Professor, Department of Economics, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

Emeritus Titles

WILLIAM E. HURLEY, Academic Faculty of Management Sciences, with the title Professor Emeritus, effective July 1, 1982.

D. RANSOM WHITNEY, Department of Statistics, with the title Professor Emeritus, effective April 1, 1982.

RICHARD B. FARISON, Cooperative Extension Service, with the title Associate Professor Emeritus, effective May 1, 1982.
April 2, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

MARY JAYNE DOVENBARGER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1982.

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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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 82 92

Synopsis: The reports on contracts, grants, and gifts and the summary for February 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 agreements 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 February 1982 be approved.

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

SUMMARY FOR FEBRUARY 1982

<table>
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<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tr>
<td>The Ohio State University Research Foundation</td>
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<td>$8,474,272.42</td>
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<td>Engineering Experiment Station</td>
<td>48</td>
<td>578,494.00</td>
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<td>Ohio Agricultural Research and Development Center</td>
<td>63</td>
<td>187,503.00</td>
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$9,240,269.42
April 2, 1982 meeting, Board of Trustees

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

SUMMARY FOR FEBRUARY 1982 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Alec Parsons Scholarship in the College of Engineering (College of Engineering) $9,094.28

The Rudolf Kaebling Memorial Research Fund in Psychiatry (Department of Psychiatry) $8,600.00

Endowed Program Fund in Cooperative Business Management (Department of Agricultural Economics and Rural Sociology) $7,500.00

The John T. Mount Fund for Post-Baccalaureate Study (Office of Academic Affairs) $6,500.00

The Buford M. and May Scott Teater Scholarship Fund (School of Natural Resources) $5,000.00

Change in Name and Description of Named Fund

From: The Donald E. Demkee Dental Scholarship Fund
To: The Dr. Donald E. Demkee Wayne-Holmes County Scholarship Fund

Report from Presidents Club

Members to date 4,535
1982 members - year to date 16
New members - February 1982 8

New Presidents Club Members - February 1982

Christine D. Davis (Mrs. James R., Jr.)  Gary A. Matthews
Fredric A. Davis  Paul E. Slade
Robert H. Heinecke  Paul K. Wooster
Jacqueline K. Kloenne (Mrs. Frank J.)  Ronald J. Zeller
Federal Research Contracts/Grants

<table>
<thead>
<tr>
<th>Amount</th>
<th>Sponsor and Details</th>
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<tr>
<td>$216,663.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (S. P. Balcerzack), Department of Pathology (K. P. Clausen), Department of Surgery (J. P. Minton), and Department of Radiology (F. Batley), 1 January 1982 through 31 December 1982. (Project 761094 - Continuation)</td>
</tr>
<tr>
<td>$200,513.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1981 through 30 November 1982. (Project 761196 - Continuation)</td>
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<tr>
<td>$166,800.00</td>
<td>National Science Foundation, Washington, D.C., Rainfall Studies Using the Differential Reflectivity Radar Techniques, Department of Electrical Engineering (T. A. Seliga), 15 February 1982 through 31 December 1982. (Project 762445 - Continuation)</td>
</tr>
<tr>
<td>$114,989.00</td>
<td>National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 May 1982 through 30 April 1983. (Project 761608 - Continuation)</td>
</tr>
<tr>
<td>$106,894.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity to Tumor - Localized, Chemically Modified Drugs, Department of Pathology (R. F. Barth), 1 January 1982 through 31 December 1982. (Project 761801 - Continuation)</td>
</tr>
</tbody>
</table>
April 2, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$104,750.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Role of Glycolipids in Glioma Resistance to Cytolysis, Department of Pathology (A. J. Yates), 1 February 1982 through 31 January 1983. (Project 762989 - New)

$104,544.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunosuppressive Properties of Retrovirus Protein, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover), 1 February 1982 through 31 January 1983. (Project 762986 - New)

$80,471.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Solution Structure of Ribosomal 5S RNA and 5.8S RNA, Department of Chemistry (A. G. Marshall), 1 January 1982 through 31 December 1982. (Project 762523 - Continuation)

$68,685.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Vasoactive Intestinal Peptide in Diagnosis of Leukemia, Department of Medicine (M. S. O’Dorisio and T. O’Dorisio), 1 December 1981 through 30 November 1982. (Project 762499 - Continuation)


$65,282.00 - National Science Foundation, Washington, D. C., Effect of Vegetation Roots on Slope Stability, Department of Civil Engineering (T. H. Wu), 15 January 1982 through 14 January 1983. (Project 762987 - New)

$61,300.00 - National Science Foundation, Washington, D. C., An Analysis of Microstructure and Toughness of Ceramics, Department of Metallurgical Engineering (R. G. Hoagland), 1 January 1982 through 31 December 1982. (Project 762334 - Continuation)

$60,000.00 - National Science Foundation, Washington, D. C., Analytical and Physicochemical Studies by Gas-Liquid Chromatography, Department of Chemistry (R. J. Laub), 15 February 1982 through 28 February 1983. (Project 762981 - Continuation)
April 2, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$58,600.00 · National Science Foundation, Washington, D. C., Multiple Hydrogen Bonding, Department of Chemistry (J. Hine), 1 March 1982 through 28 February 1983. (Project 762996 · New)

$56,900.00 · Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1981 through 30 November 1982. (Project 760022 · Continuation)


$47,470.00 · National Science Foundation, Washington, D. C., Toward More Complicated Computer Imagery, Department of Computer and Information Science (F. C. Crow), 1 February 1982 through 31 January 1983. (Project 762017 · Continuation)

$47,462.00 · 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 1982 through 28 February 1983. (Project 763005 · New)

$40,838.00 · Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Short Term Dietary Control of Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1982 through 31 December 1982. (Project 760592 · Continuation)

$40,000.00 · Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies of the Distribution, Disposition and Metabolism of Antineoplastic Agents, College of Pharmacy (L. Malspeis), 1 February 1982 through 14 September 1982. (Project 761876 · Continuation)
April 2, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$40,000.00 · National Science Foundation, Washington, D. C., Molecular Beam Studies of Reaction of Laser-Excited Metal Atoms with Gases Using Spectroscopic Detection of Products, Department of Chemistry (J. M. Parson), 1 March 1982 through 28 February 1983. (Project 762056 · Continuation)

$38,467.00 · Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Experimentally Induced Mucoid Enteritis in Rabbits, Department of Veterinary Preventive Medicine (F. Toofanian), 1 March 1982 through 28 February 1983. (Project 762041 · Continuation)

$33,023.00 · Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Laboratory Reconstruction of Pedestrian Accidents, Department of Mechanical Engineering (D. A. Guenther), 1 January 1982 through 30 June 1982. (Project 762688 · Continuation)

$31,817.00 · Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax Simulator, Department of Mechanical Engineering (D. A. Guenther), 10 February 1982 through 30 September 1982. (Project 762594 · Continuation)

$29,900.00 · Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant, Rockville, Maryland, Ohio Sea Grant Internship, Center for Lake Erie Area Research (J. M. Reutter and C. E. Herdendorf), 1 February 1982 through 31 January 1983. (Project 762833 · Continuation)

$24,000.00 · Department of the Air Force, Rome Air Development Center (AFSC), Griffiss AFB, New York, Advanced SATCOM ECCM Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksieniski), 4 February 1982 through 30 September 1982. (Project 762948 · Continuation)

$22,781.00 · Environmental Protection Agency, Washington, D. C., The Role of Environmental Temperature in Carcinogenesis, Department of Physiology (H. S. Weiss), 14 April 1981 through 13 April 1982. (Project 762133 · Continuation)

$20,180.00 · Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Strain Differences in Herpes Keratitis and Labialis, Department of Medicine (M. F. Para), 16 February 1982 through 15 February 1983. (Project 763003 · New)
Federal Research Contracts/Grants (contd)

$19,973.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Develop a Communications Office and Cancer Information Services, Cancer Research Center (C. J. Cavalaris), 1 February 1982 through 31 March 1982. (Project 761352 - Continuation)

$19,100.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1982 through 30 June 1983. (Project 762313 - Continuation)

$15,000.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., T-Matrix Analysis of Acoustic Wave Scattering by Finite Cylindrical Elastic Shells Immersed in Water, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 February 1982 through 30 April 1982. (Project 762839 - Continuation)

$14,981.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Simulation Studies of Apportionment of Braking Effort for the Development of Truck Braking Standards, Department of Mechanical Engineering (G. L. Kinzel and D. A. Guenther), 31 March 1982 through 30 June 1982. (Project 762839 - Continuation)

$14,000.00 - National Science Foundation, Washington, D. C., Acquisition of a Zeiss Videoplan - Image Analysis System, Department of Botany (V. Raghavan, M. L. Evans, T. N. Taylor and R. Warmbrodt), 1 March 1982 through 28 February 1983. (Project 763004 - New)

$12,714.00 - Department of Education, Office of Special Education, Washington, D. C., The Ohio State University Preservice Training Project for Special Education Personnel, Academic Faculty of Exceptional Children (P. Connard), 1 February 1982 through 31 May 1982. (Project 762853 - Continuation)

$7,920.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary), 1 December 1981 through 30 November 1982. (Project 762962 - Continuation)

$5,929.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 December 1981 through 30 November 1982. (Project 762285 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$4,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Further Studies of the UV Spectra of Late-Type Stars, Department of Astronomy (R. F. Wing), 1 June 1982 through 31 May 1983. (Project 761634 - Continuation)

$3,960.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanaca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. Gregorek) and Department of Aviation (G. S. Weislogel), 1 February 1982 through 31 March 1982. (Project 762359 - Continuation)

$3,825.00 - Department of Education, Office of Special Education, Washington, D. C., Design for a Cooperative Program to Prepare Teachers of Visually Handicapped for the State of West Virginia, Academic Faculty of Exceptional Children (M. E. Ward), 2 February 1982 through 31 May 1982. (Project 762858 - Continuation)

$3,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Acanthamoeba Strain Comparisons: Mitochondrial DNA, Department of Microbiology (T. J. Byers), 1 December 1981 through 30 November 1982. (Project 762493 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $7,814,598.00

State of Ohio Research Contracts/Grants

$200,365.00 - State of Ohio, Department of Natural Resources, Office of Litter Control, Columbus, Ohio, Litter Control and Recycling Education Program, Cooperative Extension State Operations (J. D. Rohrer), 13 January 1982 through 31 December 1982. (Project 762995 - New)

$156,221.00 - State of Ohio, The Public Utilities Commission, Columbus, Ohio, Telecommunications Technical Assistance, National Regulatory Research Institute (D. N. Jones and C. Mount-Campbell), 18 January 1982 through 31 January 1983. (Project 762985 - Continuation)


$20,600.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 October 1981 through 30 June 1982. (Project 762760 - Continuation)
April 2, 1982 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)

$12,000.00 · State of Ohio, Department of Health, Columbus, Ohio, Survey of Nursing Employment and Education, School of Allied Medical Professions (R. J. Caswell and S. Strasser), 1 January 1982 through 31 December 1982. (Project 763007 · New)

TOTAL STATE OF OHIO RESEARCH CONTRACTS/GRANTS $427,490.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$41,053.00 · University of Florida, Gainesville, Florida, Decomposition Pathways for Carbon Disulfide, Department of Chemistry (I. Shavitt), 1 January 1982 through 31 July 1982. (Project 762983 · New)


$31,670.00 · General Molecular Application, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (P. D. Lipetz and R. E. Stephens), 10 February 1982 through 10 June 1982. (Project 762992 · Continuation)

$30,554.00 · Materials Technology Institute, Columbus, Ohio, Development of Controlled Hydrodynamic Techniques for Corrosion Testing, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1982 through 31 December 1982. (Project 762062 · Continuation)

$29,979.00 · Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 1 January 1982 through 31 March 1982. (Project 760604 · Continuation)

$17,620.00 · Upper Arlington City School District, Upper Arlington, Ohio, Career Education Intern Project, Academic Faculty of Special Services, (J. J. Quaranta), 1 September 1981 through 30 June 1982. (Project 762990 · Continuation)

$14,868.00 · Various Pharmaceutical Labs, Research in Clinical Pharmacology, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 December 1981 through 30 November 1982. (Project 762968 · Continuation)
April 2, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

S10,000.00 · Central State University, Wilberforce, Ohio, Careers in Natural Resources for Urban Minorities, School of Natural Resources (J. D. Kasile), 1 October 1981 through 30 September 1983. (Project 762944 - New)

S5,000.00 · National Training Fund for the Communications Industry, Washington, D. C., Technical Assistance to the National Training Fund for the Communications Industry, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1982 through 28 February 1983. (Project 768050 - New)

S4,000.00 · Islamic Center for Technical and Vocational Training and Research, Dacca, Bangladesh, Islamic Center for Technical and Vocational Training and Research Proposal Development Grant, The National Center for Research in Vocational Education (R. E. Taylor), 15 January 1982 through 31 March 1982. (Project 762984 - New)

S2,850.00 · National Alliance of Business, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (J. J. Quaranta), 1 January 1982 through 31 March 1982. (Project 762991 - Continuation)


S1,500.00 · W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, School of Architecture - Administration, City and Regional Planning (S. I. Gordon), 15 February 1982 through 31 August 1982. (Project 762906 - Continuation)

S500.00 · Greater Columbus Arts Council, Columbus, Ohio, Humanities through the Arts in Columbus, Office of Academic Affairs, Continuing Education - Non-Credit Programs (J. H. Oshins), 1 August 1981 through 31 May 1982. (Project 762978 - New)

S352.00 · La Secretaria del Trabajo y Prevision Social de los Estados Unidos Mexicanos through Unidad Coordinadora del Empleo Capacitacion y Adiestramiento (UCECA), Mexico City, D. F., Republic of Mexico, UCECA Planning Project, The National Center for Research in Vocational Education (R. E. Taylor), 15 September 1981 through 28 February 1982. (Project 762919 - Continuation)


TOTAL · INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL CONTRACTS/GRANTS $232,184.42
April 2, 1982 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$578,494.00  47 sponsors for 48 development projects under the direction of 9 engineering departments and research areas. February, 1982, support included $520,000 from IBM, Data Processing Division, White Plains, New York, for "Development of Computer Graphics Systems"; $248,500 of which will be directed by Associate Professor C. Yessios, Department of Architecture, and $271,500 by Professor R. I. Hang, Department of Engineering Graphics, for the period January 25, 1982, through March 31, 1984.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Government Contracts/Grants

$45,552--Solar Energy Research Institute, Golden, Colorado, support of a study on analysis and investigation of brine and soil samples from Truscott Brine Lake site, Department of Agricultural Engineering, February 15 to June 30, 1982. (Subcontract No. XP-2-02066-1)

$22,000--Ohio Department of Agriculture, Columbus, Ohio, continued support of a survey on rural transportation in Ohio, Department of Agricultural Economics and Rural Sociology, to August 31, 1982.

$14,097--U. S. Army Corps of Engineers, Tulsa, Oklahoma, support of a feasibility study of Truscott Brine Lake development, Department of Agricultural Engineering, February 19 to June 30, 1982. (Contract No. P. O.-DACW56-82-M-0296)

TOTAL - GOVERNMENT CONTRACTS/GRANTS $81,649.00

Industrial and Other Contracts/Grants

$19,992--NRTA-AARP Andrus Foundation, Washington, D. C., support of a study on crime, fear of crime and crime prevention; an analysis among the rural elderly, Department of Agricultural Economics and Rural Sociology, January 1 to December 31, 1982.

$17,992--Society of American Florists Endowment, Edwardsville, Illinois, continued support of a study on pesticide application methods in relation to insect, mite, and disease control on greenhouse floral crops, Departments of Entomology and Plant Pathology, May 1, 1982 to April 30, 1983.

$12,000--Society of American Florists Endowment, Edwardsville, Illinois, support of a study on the testing and establishment of chain of life criteria for commercial potted plants, Department of Horticulture, January 1 to December 31, 1982.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS $49,984.00
April 2, 1982 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Gifts of $1,000 or More

$7,200 from Dow Chemical Company, Midland, Michigan
2,905 from Voris Seeds, Inc., Windfall, Indiana
2,500 from Jacob Stern & Sons, Inc., Jenkintown, Pennsylvania
2,000 from National Soybean Processors Association, Washington, D. C.
1,680 from Ring Around Products, Inc., Montgomery, Alabama
1,600 from Ohio Florists Association, Columbus, Ohio
1,500 from Ohio Fruit Growers Society, Columbus, Ohio
1,500 from Pioneer Hi-Bred International, Inc., Tipton, Indiana
1,425 from Funk Seeds International, Bloomington, Illinois
1,425 from Rupp Seed Farm, Wauseon, Ohio
1,350 from Leader Seeds, Inc., Celina, Ohio
1,320 from Agrigenetics Corporation, Denver, Colorado
1,300 from Madison Seed Company, London, Ohio
1,275 from Bo·Jac Hybrid Corn Company, Mt. Pulaski, Illinois
1,275 from Northrup King Company, Des Moines, Iowa
1,275 from Ruff’s Hybrids, Amanda, Ohio
1,200 from Dennis Hybrid Corporation, Windfall, Indiana
1,200 from RBA, Inc., Springfield, Illinois
1,125 from French’s Hybrids, Inc., Wakeman, Ohio
1,125 from Knisely Hybrids Company, New Philadelphia, Ohio
1,125 from P·A·G Seeds, Minneapolis, Minnesota
1,050 from O’s Gold Seed Company, Parkersburg, Iowa
1,050 from Robinson Hybrids, Inc., Delaware, Ohio
1,000 from U. S. Borax, Los Angeles, California

Gifts of Less Than $1,000

33 · $15,465

TOTAL GIFTS $55,870.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$130,000.00 E. I. duPont de Nemours & Company, Wilmington, Delaware: $26,000.00 for Advanced Design Methods Lab; Mechanical Engineering; $25,000.00 for DuPont Fund in Chemistry; $14,000.00 for DuPont Fund in Research; $12,500.00 for DuPont Fund in Health Grant; $12,500.00 for DuPont Young Faculty Grants; $12,000.00 for Affirmative Action Fund; $12,000.00 for DuPont Fund in Chemical Engineering; $6,000.00 for DuPont Fund in Electrical Engineering; $6,000.00 for Professorship in Plant Protection; $4,000.00 for DuPont Business Fund.
April 2, 1982 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)

$38,008.30 Ohio Seed Improvement, Dublin, Ohio--$37,908.30 for Special Gifts Fund; $100.00 for Dale Ray Memorial Fund.

$35,000.00 Bremer Foundation, Youngstown, Ohio, for Bremer Foundation Fund.

$30,646.80 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

$30,128.40 Rocco Antenucci, North Canton, Ohio--$15,064.20 for College of Medicine Progress Fund; $15,064.20 for undesignated purposes.

$29,333.30 University Eye Surgeons, Columbus, Ohio, for Eye Bank Fund.

$27,278.75 Owens Illinois, Toledo, Ohio--$25,863.75 for Owens Illinois Professorship; $1,000.00 for Presidents Club Special Fund; $125.00 for College of Engineering Special Fund; $100.00 for College of Law Advancement Fund; $100.00 for Staiger Men's Glee Club; $50.00 for Friends of WOSU; $40.00 for undesignated purposes.

$19,350.00 Anna Roessler, Columbus, Ohio, for Roessler Memorial Medical Scholarship Fund.

$18,982.18 Retinal Consultants, Columbus, Ohio, for Retina Research Fund.

$16,500.00 Uniroyal Chemical Company, Naugatuck, Connecticut--$15,000.00 for Professorship in Plant Protection; $1,500.00 for S. A. Brooks Scholarship.

$14,704.74 Carl Baldwin, Columbus, Ohio--$11,305.67 for C. & G. Baldwin Fund; $3,399.07 for Eye Care.

$14,083.13 Carlos Liggett, Dayton, Ohio, for undesignated purposes.

$13,000.00 Eli Lilly and Company, Indianapolis, Indiana--$10,000.00 for Cardiovascular Research Fund; $3,000.00 for Anesthesia Research Fund.

$11,500.00 Adria Laboratories, Columbus, Ohio--$5,000.00 for Ohio Cancer Information Center; $3,500.00 for Pharmacy Administration Research/Educational Fund; $3,000.00 for Endowed Chair in Veterinary Toxicology.
April 2, 1982 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)

S 10,195.00  Eastman Kodak Company, Rochester, New York--$8,395.00 for Kodak Scholarships in Engineering; $750.00 for Electrical Engineering Special Fund; $450.00 for Chemical Engineering Support Fund; $300.00 for ISE Advancement Fund; $150.00 for I. G. Brenner Fund; $150.00 for Computer Information Science Discretionary Fund.

S 10,000.00  Dow Chemical USA, Midland, Michigan--$6,000.00 for Dow Research Fellowship Fund; $2,000.00 for Minority Assistance Fund; $2,000.00 for Student Grant-in-Aid.

S 10,000.00  Shafer Foundation, Columbus, Ohio, for Friends of WOSU.

S 9,950.00  Grace Washburn, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

S 6,500.00  Templeton Medical Research, Cleveland, Ohio, for A. M. and H. R. Templeton Research Fund.

S 6,450.00  Procter and Gamble, Cincinnati, Ohio--$4,000.00 for Procter and Gamble Biological Science Fellowship; $2,000.00 for Special Procedures Room; $450.00 for Chemical Research--Dr. Devon Meek.

S 5,416.00  Marathon Oil Foundation, Findlay, Ohio--$2,666.00 for Presidents Club Special Fund; $1,000.00 for Marketing Support Fund; $700.00 for Mars G. Fontana Endowment Fund; $350.00 for Administrative Science Fund; $350.00 for Student Athlete Grant-in-Aid Fund; $200.00 for College of Law Advancement Fund; $150.00 for undesignated purposes.

S 5,075.19  Ohio Turfgrass Foundation, Columbus, Ohio--$2,575.19 for GCSAA Research Fund; $2,500.00 for Turfgrass Research Fund.

S 5,050.00  Wayne County National Bank, Wooster, Ohio--$5,000.00 for Kottman Scholarship; $50.00 for Ohio 4-H Foundation Support Fund.

Gift-in-Kind

S 10,925.00  Mr. and Mrs. Charles Hoff  Prints and manuscripts
Establishment of Named Funds

The Alec Parsons Scholarship in the College of Engineering

The Alec Parsons Scholarship in the College of Engineering was established April 2, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from his parents, Dr. and Mrs. George Parsons, his sister, Heather and friends.

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 income is to be used to establish a scholarship in the College of Engineering. The recipient should be a male Ohio resident who has been admitted to a branch of The Ohio State University College of Engineering. Preference would be to someone who shows financial need and demonstrated interest in human relations and potential service to others. This scholarship is limited to undergraduate students and the support would remain in effect through the recipients undergraduate years as long as all academic qualifications were maintained.

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 Engineering.

The Rudolf Kaelbling Memorial Research Fund in Psychiatry

The Rudolf Kaelbling Memorial Research Fund in Psychiatry was established April 2, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Marianne Kaelbling in memory of her husband, Rudolf Kaelbling, M.D., M.S. '59, originator of the OSU Sleep Research Laboratory and Professor of Psychiatry at The Ohio State University, until his death, December 15, 1976.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 a stipend for one (or more) medical students each year (no one student to receive more than two stipends) to conduct a research project in the Department of Psychiatry. During the initial six years, preference shall be given, but not necessarily limited to, students wishing to do research on the topics of sleep and sleep disorders. In the absence of any suitable candidates for the stipend from among medical students, consideration can also be given to a resident or a student from a related discipline.
April 2, 1982 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 Rudolf Kaelbling Memorial Research Fund in Psychiatry (contd)

The size of the stipend shall be at least 90 percent of the annual income. Any remainder shall be added to the principal. The selection of the recipient is to be made upon the recommendation of the Director of Sleep Disorders Clinic, in cooperation with the Chairman of the Department of Psychiatry and the Dean of the College of Medicine.

Should the need for funds for this purpose cease to exist or so diminish as to provide unused income, then the Chairman of the Department of Psychiatry, in cooperation with the Dean of the College of Medicine, shall have the right to designate an alternate use of the income that will be of benefit to the Department of Psychiatry.

Endowed Program Fund in Cooperative Business Management

The Endowed Program Fund in Cooperative Business Management was established April 2, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Ohio Council of Farmer Cooperatives, its members, and friends of cooperatives throughout the State of Ohio and nationally.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 program support for the work of a distinguished scholar in the field of cooperative education and business management. Funds will be allocated by the chairperson of the Department of Agricultural Economics and Rural Sociology based upon recommendations of those within the department and the Cooperative Extension Service responsible for the program and an advisory committee comprised of members of the Ohio Council of Farmer Cooperatives Executive Committee. Until this fund reaches $250,000 or three years have elapsed from the date the endowment is established, whichever occurs first, seventy-five percent of the interest earnings will be added to the principal. During this same period twenty-five percent may be used for program support.

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 Chairperson of the Department of Agricultural Economics and Rural Sociology or from the appropriate administrative official of the University who is then responsible for study related to the field of cooperatives in the College of Agriculture and Home Economics.

The John T. Mount Fund for Post-Baccalaureate Study

The John T. Mount Fund for Post-Baccalaureate Study was established April 2, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University
Establishment of Named Funds (contd)

The John T. Mount Fund for Post-Baccalaureate Study (contd)

Development Fund from John T. Eby, B.Sc.Bus.Adm. '62, and other friends of Vice President and Dean John T. Mount, B.S.Agr. '41.

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

The annual income is to be used to:

1. Identify undergraduate students who may be strong candidates for post-baccalaureate scholarships;
2. Alert these students to the opportunities provided by such scholarships;
3. Encourage qualified students in their pursuit of these awards;
4. Assist potential candidates to be successful recipients of available scholarships.

This fund shall be administered by the principal administrative officer 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 for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the administrative official who is then directly responsible for the Office of Academic Affairs.

The Buford M. and May Scott Teater Scholarship Fund

The Buford M. and May Scott Teater Scholarship Fund was established April 2, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Robert W. Teater, M.S. '55, Ph.D. '57, family and friends in honor of Dr. Teater's parents, Buford M. and May Scott Teater.

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 is to be used to provide scholarship assistance for one or more undergraduate students enrolled in the School of Natural Resources. Selection of the recipient(s)
April 2, 1982 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 Buford M. and May Scott Teater Scholarship Fund (contd)

is to be made by the University Scholarship Committee upon the recommendation of the School of Natural Resources Scholarship Committee. Recipients will be selected on the basis of financial need, academic achievements and leadership potential. Should the need for student scholarship assistance in the School of Natural Resources cease to exist, the income from this fund may be used for any academic purpose as determined by the Director of the School of Natural Resources.

Should the School of Natural Resources cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for natural resource education.

Change in Name and Description of Named Fund

From: The Donald E. Demkee Dental Scholarship Fund
To: The Dr. Donald E. Demkee Wayne-Holmes County Scholarship Fund

This Fund was established April 2, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. Donald E. Demkee, D.D.S. '65, Wooster, Ohio.

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

The annual income is to be used to provide scholarships to undergraduate students who are residents of Wayne County or Holmes County. Financial need may or may not be a consideration. Recommendations for students who qualify should be forwarded to the University Scholarship Committee for final selection in conjunction with the Dean of the intended recipient's chosen 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 from the appropriate official on the University Scholarship Committee.
April 2, 1982 meeting, Board of Trustees

**DEMOLITION OF BUILDING - 930 KINNEAR ROAD**
Resolution No. 82-93

**Synopsis:** Demolition of Building No. 3 at 930 Kinnear Road, Columbus, Ohio, is proposed.

WHEREAS the Board of Trustees of The Ohio State University owns 3.295 acres at 930 Kinnear Road (consisting of three commercial-use buildings and parking facilities) and authorized lease of this property to Warner Cable Corporation on July 22, 1977 (for Buildings No. 1 and 3), and November 30, 1979 (for Building No. 2), with the leases to expire on June 14, 1982, and each lease providing for two five-year renewal options; and

WHEREAS Building No. 3 has deteriorated beyond economical repair and the demolition of this building has been recommended by the appropriate University Offices; and

WHEREAS in negotiating the five-year renewal under the option in the original leases, Warner Amex Communications, Inc. (the successor Lessee to Warner Cable Corporation), has agreed to demolish Building No. 3 and install a gasoline storage tank under the site and improve parking facilities on the site, all to be accomplished at the Lessee's sole cost and expense and subject to University approval of plans and specifications:

NOW THEREFORE

BE IT RESOLVED, That the demolition of Building No. 3 at 930 Kinnear Road as proposed above be approved.

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

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**EAUREMENT - COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY**
Resolution No. 82-94

**Synopsis:** Renewal of electric power line easement at Don Scott Field is proposed.

WHEREAS in 1967 the University granted to the Columbus and Southern Ohio Electric Company a ten-foot wide easement for electric power lines to serve University buildings at Don Scott Field; and

WHEREAS this easement will expire on June 6, 1982, and the University has received a request from the Columbus and Southern Ohio Electric Company to renew the easement for a period of fifteen years upon the same terms and conditions as the original term; and

WHEREAS the power lines for which the easement is requested serve only University facilities; and
April 2, 1982 meeting, Board of Trustees

EASEMENT - COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY (contd)

WHEREAS the appropriate University agencies have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, 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. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PURCHASE OF PROPERTY

Resolution No. 82-95

Synopsis: Request for authorization to purchase residential property.

WHEREAS the Margaret E. (Runnels) Krauss real property consisting of approximately .219 acres, improved with a two-story dwelling with a one-story addition and a one-car garage, located in Wooster Township, Wayne County, and described as the east 70 feet of Lots 1440, 1441, and 1442, is being offered for sale; and

WHEREAS this property is immediately adjacent to and surrounded on all sides by OARDC property; and

WHEREAS the OARDC desires to have this property purchased by OSU for use as graduate student housing, and to eliminate the nuisance of private ownership; and

WHEREAS this property and improvements have been appraised, according to Department of Administrative Services, Bureau of Real Estate recommendations, and these appraisals are $43,000, $49,000 and $59,000; and

WHEREAS the Director of OARDC and the owner have negotiated a purchase price of $52,000 contingent upon Board of Trustees approval:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees authorize the purchase of the above-described real property for fifty-two thousand dollars ($52,000), and authorize the Director, OARDC, to formalize the transfer with appropriate State agencies.

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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490
April 2, 1982 meeting, Board of Trustees

Mr. Devenow presented the following resolution:

DISTINGUISHED SERVICE AWARD AND NAMING OF STREET
Resolution No. 82-96

Synopsis: It is proposed that the Distinguished Service Award be presented to Wayne Woodrow "Woody" Hayes and that Stadium Drive be renamed Woody Hayes Drive.

WHEREAS the public record reflects that Wayne Woodrow "Woody" Hayes served as head football coach at The Ohio State University for twenty-eight years; and

WHEREAS during this time Coach Hayes established himself as one of the truly great college football coaches, providing leadership for the Ohio State football program in achieving a degree of excellence--205 wins, 65 losses and 10 ties--unmatched in the University’s illustrious athletic history; and

WHEREAS Coach Hayes’ dedication to excellence in the classroom and the well-being of those associated with him--his athletes, coaches, fans and other friends--has been amply chronicled; and

WHEREAS his involvement in the life of the University, its people and institutional processes has been extraordinary; and

WHEREAS his outstanding contributions to public service are evidenced by his deep involvement with the less fortunate and by his active participation and support of organizations committed to the betterment of mankind; and

WHEREAS his overall meritorious service, loyalty and dedication to the University attest to the many noble contributions of Coach Hayes:

NOW THEREFORE

BE IT RESOLVED, That in recognition and appreciation of Coach Hayes’ exemplary service, the University will award him the Distinguished Service Medal at a time convenient to the recipient and the University, in accordance with action taken by the Board of Trustees in 1952; and

BE IT FURTHER RESOLVED, That in order to establish a living memorial which recognizes Mr. Hayes’ significant role in the history of the University, the street located north of Ohio Stadium and south of St. John Arena and which runs from Neil Avenue to Kenny Road be renamed Woody Hayes Drive.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
April 2, 1982 meeting, Board of Trustees

President Jennings responded to the adoption of the foregoing resolution as follows:

Mr. Chairman, if I might say that while I do not vote on that I would just like to express my support to this Board for honoring Coach Hayes. I have been in Big 10 institutions now almost 17 years; 16 of those years I had not exactly been a fan of Ohio State’s. One of the things that, around the Big 10, was always clear—one of the reasons Ohio State wasn’t all that well liked around the Big 10—was because Coach Hayes not only was an outstanding football coach, but Coach Hayes was one of the early coaches who insisted that the young people were first of all students and scholars, and secondly, football players. He had a deep and important commitment to the academic excellence of this institution and the young people that he had the privilege to tutor. He had a few of them, he didn’t stock his teams, and he went overboard in staying within the NCAA rules. It was the cleanest program around the Big 10, around the nation. All the talk now you hear from football, basketball coaches about academic excellence, about how these are students, if you’ll look back in history, all of us, you’ll find that those words were being uttered by Coach Hayes in the early 1950’s, and they are almost all duplicates of what Coach Hayes began. Stories are legend about the students that graduated to become physicians, lawyers, leaders, politicians, from the Ohio State football team, and that’s largely to the credit of Coach Hayes. He really does mean it when he means that students are students first and athletes second, and the most important part of football coaching is getting them graduated and getting them on to successful years and not winning football games. He happened to do both, but he is rare in that context and I thank this Board for recognizing his contributions.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 82-97

RESOLVED, That the report on the University’s Investment Portfolio, dated March 19, 1982, 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 7, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
The Board of Trustees met at its regular monthly meeting on Friday, May 7, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
May 7, 1982 meeting, Board of Trustees

The Chairman, Mr. Devenow, 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.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

ELECTION OF OFFICERS
BOARD OF TRUSTEES

Resolution No. 82-98

Mr. Hilliker 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 7, 1982) and shall hold their office through the May 1983 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1982-83 be elected:

Warren J Smith, Chairman
John D. Jacob, Vice Chairman
Madison H. Scott, Secretary
James L. Nichols, Treasurer

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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RESOLUTIONS IN MEMORIAM
Resolution No. 82-99

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.
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 Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Martha Brian

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 25, 1982, of Ms. Martha Brian, Associate Professor, School of Journalism, College of Social and Behavioral Sciences.

Martha Brian was born in Cincinnati, Ohio, on September 28, 1930. She earned an Associate of Arts degree from Stephens College, Columbia, Missouri, in 1950 and a Bachelor of Journalism degree from the University of Missouri in 1952. She completed a Master of Arts degree in Journalism at The Ohio State University in 1970.

Ms. Brian became a general assignment reporter for the Bristol, Virginia, Virginia-Tennessean in 1952. In 1954 she took a position as continuity director for WLW-C television, Columbus, and in 1955 moved to the Columbus Dispatch where she worked for 12 years as reporter covering social welfare, the juvenile court and general assignments as well as writing for the Sunday Magazine. During this period in her professional life, Ms. Brian won many awards, including prizes in the writing contests of the Ohio Newspaper Women’s Association, the Associated Press Editors Association, the Ohio United Press International and the Press Club of Ohio. These honors as a professional journalist were climaxed when she was nominated for a Pulitzer Prize in 1960.

During her tenure at Ohio State, where she was appointed to the faculty of the School of Journalism in 1967, Ms. Brian moved up from the rank of Instructor to that of Associate Professor. She was active in the University community as well as in her profession, serving as a member of the OSU Athletic Council and as an adviser to the student chapter of the Society of Professional Journalists/Sigma Delta Chi and for seven years served as chapter Adviser to Women in Communications, Inc. She was several times a finalist for distinguished teaching awards at the University, and was the first woman faculty member of Ohio Staters, Inc., a student/faculty service organization.

While she taught reporting and writing to Ohio State Journalism students, she continued to write, with articles appearing frequently in the Columbus Monthly Magazine.

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.
RESOLUTIONS IN MEMORIAM (contd)

Viola Marie Cassidy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 16, 1982, of Viola Marie Cassidy, Professor Emeritus in the Department of Psychology.

Dr. Viola Cassidy began her career in education in 1926 as an elementary school teacher in the Cleveland Public Schools. She received her Bachelor of Arts degree from Western Reserve in 1929 and her Master of Arts degree from Columbia University in 1936.

She taught at Western Michigan University and at Eastern Washington College of Education before returning to Ohio where she received her Doctor of Philosophy degree in Psychology from The Ohio State University in 1948. That same year she took a position as Associate Professor of Psychology at Ohio State.

Dr. Cassidy's primary interests were in school psychology, human growth and development, and the education of exceptional children. She served a term as President of the Ohio Chapter of the National Council for Exceptional Children and she was, until her retirement in 1971, head of the Program for Exceptional Children at this University. She authored numerous professional papers, including a highly influential treatise dealing with the efficacy of special education classes.

Dr. Cassidy's work has been a great credit to the University from which she received her doctorate and at which she taught for so many years. She befriended many of her students and will be long remembered by both the undergraduate and graduate students who took classes and seminars with her and took their degrees under her direction. She will also be remembered with respect and admiration by her faculty colleagues, both in the College of Education and the Department of Psychology.

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 Minteer Moore

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 1, 1982, of Elizabeth Minteer Moore, Assistant Professor Emeritus in the Department of Home Management and Housing in the School of Home Economics.

Mrs. Moore was born in Wilkinsburg, Pennsylvania, on August 8, 1896. She received the Bachelor of Science degree from Muskingum College in 1924 and the Master of Science degree from The Ohio State University in 1933.

Mrs. Moore taught high school home economics and English at Youngstown Public Schools from 1918-19; home economics and biology in the Frazeysburg Public School from 1924-26, and was an Instructor of home economics at Muskingum College in the Summer of 1925.
RESOLUTIONS IN MEMORIAM (contd)

Elizabeth Minteer Moore (contd)

She came to Ohio State as a graduate assistant in 1929-33. She was appointed an Instructor in September, 1933 until she resigned in June, 1942. She later returned to teaching at Ohio State as an Assistant Professor, October 1945 and remained until her retirement in March, 1964. She was considered an inspiring teacher.

Mrs. Moore held honorary memberships in Phi Upsilon Omicron, Omicron Nu, and Pi Lambda Theta. Membership in professional societies included Ohio Education Association, Ohio Home Economics Association, American Home Economics Association, American Vocational Association, and Ohio Vocational Association. She also served on various school committees and held office in state associations.

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 a humble expression of the Board’s heartfelt sympathy in its bereavement.

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT

Resolution No. 82-100

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 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 June 11, 1982, 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 Dr. Jacob, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 7, 1982 meeting, Board of Trustees

President Jennings made the following statement:

I am recommending on the next item that the Office of Public Affairs and the Office of University Development be combined into one position as a Vice President for University Communications and Development. That Vice Presidency would have responsibility for the current Public Affairs Office, the current University Development Fund as well as to provide us some managerial transition as to how we will handle WOSU and the Fawcett Center when Vice President Schoen retires in August of 1983. I am recommending that Mr. Burnham, who is currently the Dean of the College of Education, be appointed as Acting Vice President for University Communications and Development. We will develop shortly a search committee for that position. Dean Burnham will continue on as Dean of the College of Education, but Professor Russell Spillman, who is Associate Dean there, will be taking on most of Dean Burnham's duties as he assumes the duties of this new Vice Presidency.

I also ask that Vice President Crawford take on a special assignment for me to explore the possibilities of operating an office in Washington, D. C., because of the need, I believe, to establish better relations in Washington, not only with Congress but with the various agency heads. Some of the progress we have made on that already is what you heard earlier this morning--some of the report from Janet Martin about the Student Aid issue is that combined teamwork on this has been very helpful, and Ed has taken this on as a special project to explore this possibility.

We have also got that--Vice President Schoen, who announced her retirement at the April meeting, will take on the Acting Directorship of University Communications which will include Public Affairs, WOSU and the Fawcett Center. And I am recommending, Mr. Chairman, that the University Rules be changed to reflect that. And in the personnel section, those individuals are recommended for your approval - Mr. Burnham, Mr. Buxton, Mr. Crawford and Mrs. Schoen.

RESTRUCTURING OF THE UNIVERSITY'S EXTERNAL RELATIONS OFFICES
AND AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY
Resolution No. 82-101

Synopsis: Restructuring of two administrative offices is being recommended and modification of bylaws and rules to effectuate that change are being proposed.

WHEREAS the President has announced his intention to restructure the University's external relations offices; and

WHEREAS it is recommended that the offices of the vice president for public affairs and the vice president for university development be combined into one position, vice president for university communications and development; and
May 7, 1982 meeting, Board of Trustees

RESTUCTURING OF THE UNIVERSITY’S EXTERNAL RELATIONS OFFICES AND AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY (contd)

WHEREAS the vice president for university communications and development will be the executive head of the two offices; and

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President, the following rule changes are proposed:

3335-1-03 Administration of the university.

(E) The president’s staff.

(1) The president’s staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, the vice president for university development, the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources, the vice president for university communications and development, and special assistants.

(R) Vice president for university communications and development. The major area of responsibility and authority of the vice president for university communications and development shall be the administration of the university communications and university development activities of the university. Without limiting the generality of the foregoing, the vice president for university communications and development shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: public relations; coordination of university efforts relating to public information; and management and direction of fund raising, including individual, corporate and foundation giving.

3335-3-05 President’s staff.*

(A) The president’s staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, the vice president for university development, the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources, the vice president for university communications and development, and special assistants.

*Rule initiated by board of trustees.
May 7, 1982 meeting, Board of Trustees

RESTRUCTURING OF THE UNIVERSITY'S EXTERNAL RELATIONS OFFICES
AND AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-3-153 Vice president for university communications and development.*

(A) The vice president for university communications and development shall be the executive head of the office of university communications and development.

(B) The major area of responsibility and authority of the vice president for university communications and development shall be the administration of the university communications and university development activities of the university. Without limiting the generality of the foregoing, the vice president for university communications and development shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: public relations; coordination of university efforts relating to public information; and management and direction of fund raising, including individual, corporate and foundation giving.

(C) The principal administrative officials of the office of university communications and development shall be the director of university communications, the director of university development, and such other associates as may be authorized from time to time. (B/T 5/7/82)

*Rule initiated by board of trustees.

NOW THEREFORE

BE IT RESOLVED, That the foregoing changes in the bylaws and rules as they are printed herein be adopted.

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

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PERSONNEL ACTIONS

Resolution No. 82-102

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments/Title Change, Reappointment of Chairmen of Departments and Directors of Schools, Leaves of Absence Without Salary, Professional Improvement Leave-Cancellation, Professional Improvement Leave-Date Change, 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 2, 1982 meeting of the Board, including the following Appointments/Title Change, Reappointment of Chairmen of Departments and Directors of Schools, Leaves of Absence Without Salary, Professional Improvement Leave-Cancellation, Professional Improvement Leave-Date Change, and Emeritus Titles as detailed in the University Budget, be approved.
Appointments/Title Change

<table>
<thead>
<tr>
<th>Name</th>
<th>ROBERT A. BURNHAM</th>
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<tbody>
<tr>
<td>Titles</td>
<td>Acting Vice President for University Communications and Development</td>
</tr>
<tr>
<td></td>
<td>Dean, College of Education</td>
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<tr>
<td></td>
<td>Professor, Academic Faculty of Educational Administration</td>
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<tr>
<td>Salary</td>
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<tr>
<td>Present Position</td>
<td>Dean, College of Education, and Professor, Academic Faculty of Educational Administration</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>RICHARD O. BUXTON</th>
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<tbody>
<tr>
<td>Title</td>
<td>*Director of University Development</td>
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<tr>
<td>Salary</td>
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<td>Present Position</td>
<td>Vice President for University Development, and Director of the Development Fund</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>EDWIN M. CRAWFORD</th>
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<tbody>
<tr>
<td>Title</td>
<td>Vice President for Public Affairs</td>
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<tr>
<td></td>
<td>(On Special Assignment in Washington, D. C.)</td>
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<tr>
<td>Effective</td>
<td>Immediately</td>
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<tr>
<td>Salary</td>
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<tr>
<td>Present Position</td>
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<tr>
<th>Name</th>
<th>KATHRYN T. SCHOEN</th>
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<tr>
<td>Title</td>
<td>Vice President for Educational Services</td>
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<tr>
<td></td>
<td>Acting Director of University Communications (Special Assignment)</td>
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<tr>
<th>Name</th>
<th>A. JOHN CHRISTOFORIDIS</th>
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<tr>
<td>Title</td>
<td>Professor and Chairman</td>
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<tr>
<td>Department</td>
<td>Radiology</td>
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<tr>
<td>Effective</td>
<td>August 1, 1982</td>
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<tr>
<td>Salary</td>
<td>$55,080 (12 month)</td>
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*Title Change.

Reappointment of Chairmen of Departments and Directors of Schools

July 1, 1982 through June 30, 1986

<table>
<thead>
<tr>
<th>Department</th>
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<tbody>
<tr>
<td>Anesthesiology</td>
<td>John McDonald</td>
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<tr>
<td>Home Management and Housing</td>
<td>Loren Geistfeld</td>
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May 7, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairmen of Departments and Directors of Schools (contd)

July 1, 1982 through June 30, 1986 (contd)

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<tr>
<td>Home Management and Nutrition</td>
<td>Barbara Newman</td>
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<tr>
<td>Medical Microbiology and Immunology</td>
<td>Ronald Glaser</td>
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<td>Pediatrics</td>
<td>Grant Morrow III</td>
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<td>Pharmacology</td>
<td>Joseph Bianchine</td>
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<td>Preventive Medicine</td>
<td>Martin Keller</td>
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July 1, 1982 through June 30, 1985

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<tbody>
<tr>
<td>Physiology</td>
<td>Heinz Pieper</td>
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July 1, 1982 through June 30, 1984

<table>
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<tr>
<th>Department</th>
<th>Chair</th>
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<tr>
<td>Allied Medical Professions</td>
<td>Robert J. Atwell</td>
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July 1, 1982 through June 30, 1983

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<th>Department</th>
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<tr>
<td>Nursing</td>
<td>Edna Fritz</td>
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October 1, 1982 through September 30, 1986

<table>
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<th>Department</th>
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<tbody>
<tr>
<td>Psychology</td>
<td>Samuel H. Osipow</td>
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</table>

Leaves of Absence Without Salary

GEORGE F. WADLINGTON, Professor, Cooperative Extension Service, effective April 1, 1982 through June 30, 1982, for medical reasons.

DAVID LYNN FORSTER, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective April 1, 1982 through December 31, 1982, to work at the Forster Farms, Inc., in Indiana.

STANLEY E. GONTARSKI, Associate Professor, Department of English (Lima Campus), effective October 1, 1982 through June 30, 1983, to accept an appointment at the University of California - Riverside.

BERNARD ROSEN, Associate Professor, Department of Philosophy, effective October 1, 1982 through June 30, 1983, to accept a teaching appointment at the U. S. Air Force Academy in Colorado Springs, Colorado.

RONALD M. SOLOMON, Associate Professor, Department of Mathematics, effective April 1, 1982 through June 30, 1982, to accept a grant from the British Research Council to do research at Oxford University.
Leaves of Absence Without Salary (contd)

LAUREL FAY, Assistant Professor, School of Music, effective January 1, 1983 through June 30, 1983, to accept a teaching appointment at Wellesley College.

PAUL L. GERSTNER, Assistant Professor, Cooperative Extension Service, effective April 1, 1982 through June 30, 1982, for medical reasons.

MARIE-CLAIRE JULIENNE VALLOIS, Assistant Professor, Department of Romance Languages and Literatures, effective April 1, 1982 through June 30, 1982, to work on a monograph on the literature of 18th Century France.


Professional Improvement Leave - Cancellation

ROBERT T. ROSS, Professor, Department of Biochemistry, cancel leave approved for Autumn Quarter 1982, Winter Quarter 1983, Spring Quarter 1983 and Summer Quarter 1983.

Professional Improvement Leave - Date Change

JOSEPH J. PARNICKY, Professor, School of Social Work, change starting date from Autumn Quarter 1982 to Winter Quarter 1983.

Emeritus Titles

ALLAN C. BARNES, Department of Obstetrics and Gynecology, with the title Clinical Professor Emeritus, effective July 1, 1982.

S. P. BRUNY, Cooperative Extension Service, with the title Professor Emeritus, effective May 1, 1982.

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

President Jennings made the following announcement:

Mr. Chairman on personnel matters as well, we will ask for recommendations as of next Board meeting, but I would like to point out my intention now to combine the Office of Business and Administration and the Office of Finance and Planning into a single position as Vice President for Business and Finance. This is in line with my continued assessment of the University's organizational structure, and I will be recommending to you along this line that Mr. Richard Jackson be appointed as the new Vice President for Business and Finance.
PERSONNEL ACTIONS (contd)

President Jennings continued the following announcement:

In addition to that, I will also recommend that Mr. Weldon Ihrig be appointed to a newly created position as University Fiscal Officer who will report to Mr. Jackson on day-to-day matters but report directly to me in terms of advising on financial matters as we work through these very difficult things. In that context, Mr. Ihrig will be responsible for not only the duties he has now as Acting Vice President of Finance and Planning but will, in addition, take on the responsibility for the University Treasurer’s Office.

Also associated with that, I will recommend that the Special Assistant to the President, Mrs. Judith Washburn, be appointed as Special Assistant to assist me in developing budget strategy and advising on financial matters, and in addition I will ask next time that Miss Sue Mayer be appointed permanently as Special Assistant to the President, and her responsibilities will be office management, special events and my speech writing activities in the institution.

--o--

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 82-103

Synopsis: The reports on contracts, grants, and gifts and the summary for March 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 agreements 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 March 1982 be approved.

Upon motion of Mr. Smith, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
May 7, 1982 meeting, Board of Trustees

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

SUMMARY FOR MARCH 1982

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>95</td>
<td>$3,855,953.93</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>47</td>
<td>205,653.00</td>
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<tr>
<td>Ohio Agricultural Research and Development Center</td>
<td>9</td>
<td>223,633.00</td>
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<tr>
<td>The Ohio State University Development Fund</td>
<td></td>
<td>$4,285,239.93</td>
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The Ohio State University Development Fund

Establishment of Named Funds

- The John C. Geupel Chair Fund
  (Department of Civil Engineering) $198,528.00
- Biological Environmental Research Fund
  (College of Biological Sciences) $26,000.00
- The Sheldon B. Ackerman Endowment Fund
  (College of Administrative Science - Management) $6,860.00
- The William J. Skou Faculty Enrichment Fund
  (Agricultural Technical Institute) $5,000.00
- The William J. Skou Scholarship Fund
  (Agricultural Technical Institute) $5,000.00

Report from Presidents Club

<table>
<thead>
<tr>
<th>Members to date</th>
<th>4,537</th>
</tr>
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<tbody>
<tr>
<td>1982 members: year to date</td>
<td>39</td>
</tr>
<tr>
<td>New members - March 1982</td>
<td>15</td>
</tr>
</tbody>
</table>

New Presidents Club Members - March 1982

Joyce Abramowitz (Mrs. Irving)  F. Jerome Fix
Anonymous                      John F. Foreman
Timir Banerjee                 Larry C. Hansgen
Roy O. Becker                  Josephine D. Ingraham
Susan C. Benes                  (Mrs. Charles)
Bonnie W. Burks (Mrs. Paul E.)  Belle V. Joseph
Paul E. Burks                   Albert J. Kolibash III
Joseph F. Cullman 3rd          Suzanne I. Seubert
May 7, 1982 meeting, Board of Trustees

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

THIRD QUARTER SUMMARY

January 1, 1982 through March 31, 1982

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
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<tr>
<td><strong>FEDERAL</strong></td>
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<td>National Aeronautics and Space</td>
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<td>$ 503,996.00</td>
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<td>Administration</td>
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<td>National Science Foundation</td>
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<td>Department of Defense</td>
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<td>1,752,687.00</td>
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<td>Department of Energy</td>
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<td>913,100.00</td>
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<td>Department of Education</td>
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<td>5,141,218.00</td>
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<td>Department of Health and Human Services</td>
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<td>Other Federal</td>
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<td><strong>STATE OF OHIO</strong></td>
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<td>$ 774,943.25</td>
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<td><strong>INDUSTRIAL, PRIVATE, AND OTHER</strong></td>
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<td><strong>NON-FEDERAL SPONSORS</strong></td>
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<td><strong>GRAND TOTAL</strong></td>
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ENGINEERING EXPERIMENT STATION

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<th>Source</th>
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<tr>
<td>INDUSTRIAL AND OTHER</td>
<td>125</td>
<td>$ 1,165,716.00</td>
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</table>
Federal Research Contracts/Grants

$392,182.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1981 through 30 November 1982. (Project 761196 - Continuation)

$145,882.00 - National Science Foundation, Washington, D. C., Complex Animation and Complex Object Synthesis, Department of Art Education (C. A. Csuri), Department of Computer and Information Science (R. E. Parent) and Department of Electrical Engineering (K. W. Olson), 1 April 1982 through 31 March 1983. (Project 762077 - Continuation)

$125,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 December 1981 through 30 June 1982. (Project 760226 - Continuation)

$109,960.00 - 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 (G. M. Gregorek and M. B. Bragg), 1 April 1982 through 5 June 1983. (Project 762009 - Continuation)

$106,900.00 - National Science Foundation, Washington, D. C., Basic Mechanisms of Sliding Friction and Wear, Department of Metallurgical Engineering (D. A. Rigney), 1 April 1982 through 31 March 1983. (Project 763031 - Continuation)

$105,332.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Department of Physiological Chemistry (G. E. Milo), 1 January 1982 through 31 December 1982. (Project 761756 - Continuation)

$104,863.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, The Immune Complex Mediated Glomerulopathies, Department of Medicine (L. A. Hebert), 1 April 1982 through 31 March 1983. (Project 761786 - Continuation)

$100,000.00 - Department of the Army, U. S. 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 1982 through 31 March 1983. (Project 763039 - Continuation)
May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$100,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1982 through 31 March 1983. (Project 761582 - Continuation)


$95,757.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School Administration (J. B. Lapidus), 1 April 1982 through 31 March 1983. (Project 764748 - Continuation)

$91,676.00 - 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 Surface, Department of Metallurgical Engineering (D. D. MacDonald), 1 March 1982 through 28 February 1983. (Project 763048 - New)

$84,400.00 - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 April 1982 through 31 March 1983. (Project 761528 - Continuation)


$74,135.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 April 1982 through 31 March 1983. (Project 760820 - Continuation)

$63,673.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Amphetamine: Effects on Muscle Contraction and Endurance, College of Pharmacy (M. C. Gerald), 1 February 1982 through 31 January 1983. (Project 764488 - Continuation)
May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$63,350.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Identification of Essential Genes for HSV DNA Synthesis, Department of Microbiology and Immunology (D. S. Parris), 1 March 1982 through 28 February 1983. (Project 762587 - Continuation)

$61,599.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Vibration Analysis of Turbine Engine Blades, Department of Engineering Mechanics (A. W. Leissa), 30 April 1982 through 30 April 1983. (Project 762029 - Continuation)

$59,951.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 April 1982 through 31 December 1982. (Project 760325 - Continuation)

$58,081.00 - Department of Education, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 18 March 1982 through 17 March 1983. (Project 762053 - Continuation)

$57,620.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Analysis of Local Circuitry in the Inferior Olive, Department of Anatomy (G. A. Bishop), 1 February 1982 through 31 January 1983. (Project 763013 - New)

$52,048.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Immunologic Aspects of Legionellosis, Department of Medicine (J. F. Plouffe), 1 February 1982 through 31 January 1983. (Project 762577 - Continuation)


$49,991.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propellor/Rotor Icing Study, Department of Aeronautical and Astronautical Engineering (D. J. Lee), 1 April 1982 through 31 March 1983. (Project 762399 - Continuation)
May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

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<tr>
<th>Amount</th>
<th>Agency/Institution</th>
<th>Sponsor/Project Description</th>
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<th>End Date</th>
<th>Project Number</th>
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<td>$47,600.00</td>
<td>National Science Foundation, Washington, D. C., Investigation of Oxygen and Alkali</td>
<td>Diffusion in Feldspar, Department of Geology and Mineralogy (K. A. Foland), 1 February 1982 through 31 January 1983. (Project 762357 - Continuation)</td>
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<td>31 January 1983</td>
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<td>$47,310.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes</td>
<td>Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1982 through 31 March 1983. (Project 760661 - Continuation)</td>
<td>1 April</td>
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<td>$38,401.00</td>
<td>Department of Transportation, National Highway Traffic Safety Administration, Vehicle</td>
<td>Research and Test Center, East Liberty, Ohio, Measurement Methodology of Impact Devices, Department of Mechanical Engineering (R. P. Singh and N. Berme), 1 March 1982 through 27 February 1983. (Project 763036 - New)</td>
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<td>27 February 1983</td>
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<td>$31,883.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes</td>
<td>The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1982 through 31 March 1983. (Project 761080 - Continuation)</td>
<td>1 April</td>
<td>31 March 1983</td>
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<td>$24,050.00</td>
<td>National Science Foundation, Washington, D. C., A Unified Treatment of Rank 2 Simple</td>
<td>Groups (Mathematics), Department of Mathematics (R. M. Solomon), 1 July 1982 through 30 June 1984. (Project 763027 - New)</td>
<td>1 July</td>
<td>30 June 1984</td>
<td>763027</td>
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<td>$20,000.00</td>
<td>Department of the Interior, Fish and Wildlife Service, Division of Contracting and</td>
<td>General Services, Washington, D. C., Status and Population Dynamics of White Perch (Morone Americana) in Lake Erie (On Campus), Department of Zoology (T. J. Peterle, F. J. Margraf and R. F. Carline), 1 April 1981 through 1 April 1983. (Project 762625 - Continuation)</td>
<td>1 April 1981</td>
<td>1 April 1983</td>
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Federal Research Contracts/Grants (contd)

$20,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Utilization of Range and Range-Difference Observations in Geodynamics, Department of Geodetic Science and Surveying (I. I. Mueller), 1 February 1982 through 18 September 1982. (Project 761882 - Continuation)

$15,753.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Transient Visual Evoked Response in Amblyopia, College of Optometry (G. W. Good), 16 February 1982 through 15 February 1983. (Project 763011 - New)

$11,028.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1981 through 30 November 1982. (Project 762525 - Continuation)


$9,974.00 - Department of the Navy, Naval Research Laboratory, Underwater Sound Reference Detachment, Orlando, Florida, Scattering of Waves by Viscoelastic Composites and the Characterization of Their Dynamic Properties, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 8 March 1982 through 1 November 1982. (Project 763033 - New)

$9,406.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Non-Nitrogen Containing Dopamine Agonists, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 March 1982 through 30 November 1982. (Project 762967 - Continuation)

$8,774.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody in Transplantation, Department of Surgery (G. J. Cerilli), 1 December 1981 through 30 November 1982. (Project 763857 - Continuation)

$7,560.00 - National Science Foundation, Washington, D. C., Structural and Temporal Patterns in Executive Politics, Department of Political Science (J. H. Kessel), 1 January 1983 through 30 June 1983. (Project 762546 - Continuation)
May 7, 1982 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 Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Unitary Group Methods in Quantum Chemistry, Department of Chemistry (I. Shavitt), 1 March 1982 through 31 July 1982. (Project 763023 - New)

$6,500.00 - National Endowment for the Arts, Washington, D. C., Film and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1982 through 31 December 1982. (Project 763029 - Continuation)

$4,265.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Systematic Biology, Department of Botany (D. J. Crawford), 1 April 1982 through 31 March 1984. (Project 763017 - New)

$4,240.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Control of Synaptogenesis in Cultures of the CNS, Department of Anatomy (R. W. Burry), 1 December 1981 through 30 November 1982. (Project 761963 - Continuation)

$3,216.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Color and Brightness Channels of the Visual System, Department of Sensory Biophysics (C. R. Ingling, Jr.), 30 September 1980 through 29 September 1981. (Project 761926 - Continuation)

$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program, Office of Minority Affairs (R. T. McDonald) and College of Pharmacy (A. H. Soloway), 1 March 1982 through 28 February 1983. (Project 762730 - Continuation)

$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program, Office of Minority Affairs (R. T. McDonald) and Graduate School Administration (J. B. LaPides), 1 March 1982 through 28 February 1983. (Project 762731 - Continuation)

$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program, Office of Minority Affairs (R. T. McDonald) and College of Medicine - Administration (E. L. Craig), 1 March 1982 through 28 February 1983. (Project 762728 - Continuation)
May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program, Office of Minority Affairs (R. T. McDonald) and Department of Veterinary Physiology and Pharmacology (H. B. Williams), 1 March 1982 through 28 February 1983. (Project 762729 - Continuation)

$2,932.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Light Truck Side Structure Evaluation - Statistical Design and Analysis, Department of Statistics (J. S. Rustagi), 4 January 1982 through 30 December 1982. (Project 763012 - New)

$2,721.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, On-Board Portable Data Acquisition and Processing for Vehicle Testing, Department of Electrical Engineering (H. Hemami), 1 October 1981 through 31 December 1981. (Project 761987 - Continuation)

$1,306.00 - National Endowment for the Humanities, Washington, D. C., Divine Omniscience and Omnipotence in Medieval Jewish, Islamic and Christian Philosophy, Department of Philosophy (T. Rudavsky), 1 February 1982 through 30 June 1982. (Project 763032 - New)

$1,143.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 December 1981 through 31 August 1982. (Project 760043 - Continuation)

$183.00 - 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 1981 through 30 June 1982. (Project 761742 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $2,744,398.00

State of Ohio Research Contracts/Grants

$41,403.00 - 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 December 1981 through 30 September 1982. (Project 762993 - New)
May 7, 1982 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)

$30,000.00 - State of Ohio, Department of Energy, Columbus, Ohio, Lesson Plans on Energy Management in Agriculture for Teachers of Vocational Agriculture, Department of Agricultural Education (L. E. Hedges and L. E. Miller), 1 March 1982 through 28 February 1983. (Project 763021 - New)

$10,832.00 - Ohio Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus 1981/1982, Department of Photography and Cinema (R. J. Green), 1 July 1981 through 30 June 1982. (Project 763016 - Continuation)

$5,146.00 - State of Ohio, Department of Health, Columbus, Ohio, Family Planning Out-Patient Services, Department of Obstetrics and Gynecology (F. P. Zusman), 1 March 1982 through 31 March 1982. (Project 762533 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 87,381.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants


$75,040.00 - Various Pharmaceutical Labs, Research in Clinical Pharmacology, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 December 1981 through 30 November 1982. (Project 762968 - Continuation)

$74,990.00 - Southwest Research Institute, San Antonio, Texas, Electromagnetic Reradiation Theoretical Prediction for Complex Building Structures, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 27 February 1982 through 26 February 1983. (Project 763010 - New)


$65,515.00 - Various Pharmaceutical Labs, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass and J. L. Plouffe), 1 March 1982 through 28 February 1983. (Project 763020 - New)
May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$50,000.00 - American Cancer Society, Ohio Division, 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 1982 through 30 June 1984. (Project 761833 - Continuation)


$39,899.00 - University of Minnesota, St. Paul, Minnesota, Schools and Adolescent Development, Department of Psychology (D. A. Blyth), 1 January 1982 through 31 December 1982. (Project 762683 - Continuation)

$34,000.00 - University Genetics Co., Norwalk, Connecticut, Designed Novel Vectors, Department of Genetics (P. S. Perlman), 31 December 1981 through 31 December 1982. (Project 763018 - New)


$24,992.00 - Boeing Aerospace Company, Seattle, Washington, Radar Cross-Section (RCS) Controls, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 22 March 1982 through 15 December 1982 (Project 763042 - New)

$24,000.00 - City of Columbus, Division of Fire, Columbus, Ohio, City of Columbus Fire Project, College of Administrative Science, Continuing Education (J. J. Stanley), 1 October 1981 through 31 March 1982. (Project 762950 - Continuation)
$23,750.00 - University of Dayton, Dayton, Ohio, Analyzation and Evaluation of the AN/GYK-31 System, Department of Computer and Information Science (T. Y. Feng), 20 January 1982 through 30 September 1982. (Project 763041 - New)


$22,000.00 - The Columbus Foundation, Columbus, Ohio, An Investigation of Non-Traditional Funding Sources, Telecommunications Center (D. K. Ouzts), 1 November 1981 through 31 October 1982. (Project 762997 - New)

$19,646.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Department of Microbiology (H. R. Blackwell), 1 July 1981 through 30 June 1982. (Project 760716 - Continuation)


$16,937.00 - Elsa U. Pardee Foundation, Midland, Michigan, A Study of Serum Lipids in Colon Cancer Patients, Cancer Research Center (N. A. Reiches), 1 March 1982 through 28 February 1983. (Project 763028 - New)

$16,000.00 - Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, Remote Acoustic Sensing of Suspended Particle Distributions, Department of Civil Engineering (K. W. Bedford) and Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 28 March 1982 through 30 September 1982. (Project 763037 - New)


$14,200.00 - Iowa State University-Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 February 1982 through 31 May 1982. (Project 762511 - Continuation)
May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$10,653.00 - Iowa State University-Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Elastic Wave Scattering by Flaws for Application in NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 February 1982 through 31 May 1982. (Project 762502 - Continuation)

$9,420.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Kinetic Requirements for the High Intensity Combustion of Coal as Data Source for Design of Small Coal Burners for Industrial Use, Department of Mechanical Engineering (R. H. Essenhigh), 26 May 1980 through 31 December 1982. (Project 762203 - Continuation)

$6,765.00 - American Veterinary Medical Association, Schaumburg, Illinois, Segmental Epidural and Subarachnoid Analgesia in Conscious Horses, Department of Veterinary Clinical Sciences (R. T. Skarda), 1 March 1982 through 31 August 1982. (Project 763008 - New)


$5,754.00 - Southeastern Ohio Technical Education Consortium, Nelsonville, Ohio, Cooperative Agreement between 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), 4 January 1982 through 31 March 1982. (Project 763030 - New)

$5,000.00 - Family Health Foundation of America, Kansas City, Missouri, A Study of the Effect of a Supervised Aerobic Exercise Program on In-Term and Long-Term Success of a Smoking Cessation Clinic, Department of Family Medicine (L. L. Gabel and R. Lowry), 1 February 1982 through 30 June 1983. (Project 763019 - New)


May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$4,920.00 - The University of Arizona, Tucson, Arizona, Training Workshop for a Field Test of the Arizona Model for Vocational Assessment, The National Center for Research in Vocational Education (R. E. Taylor), 14 February 1982 through 11 March 1982. (Project 763001 - New)

$4,610.00 - American Academy of Physician Assistants, Arlington, Virginia, Self-Assessment and Self-Paced Learning Modules for Physicians Assistants, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 March 1982 through 30 April 1982. (Project 762258 - Continuation)

$3,772.93 - Various Pharmaceutical Labs, Research in Clinical Pharmacology, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 December 1981 through 30 November 1982. (Project 762968 - Continuation)

$3,707.00 - Chemical Abstracts Service, Division of The American Chemical Society, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval System, Department of Psychology (H. Shulman), 16 March 1982 through 15 June 1982. (Project 762213 - Continuation)

$2,000.00 - Durham Technical Institute, Durham, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1981 through 30 June 1982. (Project 761599 - Continuation)

$1,000.00 - Wildlife Management Institute, Washington, D. C., Metal Ion Absorption and Toxicity in Pine Seedlings, Department of Botany (E. D. Rudolph and F. A. Miller), 1 April 1982 through 30 September 1982. (Project 763038 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,024,174.93

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$205,653.00 - 45 sponsors for 47 development projects under the direction of 11 engineering departments and research areas.
May 7, 1982 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contract/Grant


Industrial and Other Contracts/Grants

$113,221.00 - Ross Laboratories, Columbus, Ohio, continued support of studies on Rotavirus: immunization of prepartum dairy cows and passive protection in neonates, Department of Veterinary Science, April 1, 1982 to March 31, 1984.

$51,550.00 - Ross Laboratories, Columbus, Ohio, continued support of studies of Rotavirus: immunization of prepartum dairy cows, Department of Dairy Science, April 1, 1982 to March 31, 1984.

$29,612.00 - Ross Laboratories, Columbus, Ohio, support of a study on effect of two high nitrogen liquid formula diets on fecal composition, fecal transit time and nitrogen balance in healthy college students, Department of Home Economics, April 1 to October 1, 1982.

$8,250.00 - Robinson Hybrids, Inc., Delaware, Ohio, continued support of a study on an accelerated breeding program for the development of early maturity corn inbred lines, Department of Agronomy, to December 31, 1982.

$3,000.00 - Lilly Research Laboratories, Division of Eli Lilly and Company, Greenfield, Indiana, support of a study on the effect of continuous versus withdrawal of Tylosin from swine feeds, Department of Animal Science, January 27 to June 30, 1982.

$3,000.00 - University of California, Department of Land, Air and Water Resources, Davis, California, continued support of a study on mechanism of frost heave pressures, Department of Agronomy, to July 31, 1982.

TOTAL INDUSTRIAL AND OTHER CONTRACTS/GRANTS $208,633.00

Gifts of $5,000 or More

$10,000.00 - Foundation for Agronomic Research, Atlanta, Georgia
5,000.00 - Potash & Phosphate Institute, Atlanta, Georgia

TOTAL GIFTS $ 15,000.00
May 7, 2982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$39,000.00  PPG Industries Foundation, Pittsburgh, Pennsylvania--$20,000.00 for Pittsburgh Plate Glass Fund; $10,000.00 for Advance Design Lab-Mechanical Engineering; $5,000.00 for Affirmative Action Program; $4,000.00 for Minority Assistance Program.

$20,000.00  Jerome Fix, Cincinnati, Ohio, for Veterinary Medicine Education and Research Fund.

$20,000.00  TRW Foundation, Cleveland, Ohio--$15,000.00 for TRW Grant in Industrial Systems Engineering; $5,000.00 for TRW Fellowship in Mechanical Engineering.

$17,154.82  Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

$16,308.30  University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$15,000.00  Uniroyal Chemical Company, Naugatuck, Connecticut, for Plant Protection Professorship.

$13,500.00  St. Joe Minerals Company, New York, New York, for St. Joe Mineral Fellowship.

$10,624.00  Sisa, Inc., Cambridge, Massachusetts, for Department of Pharmacology.

$10,000.00  Harris Corporation, Melbourne, Florida, for Electrical Engineering Special Fund.

$10,000.00  L.B.E.M. Cullman Foundation, New York, New York, for Cullman Business Policy Fund.

$10,000.00  Trust Under Will of Anna Roessler, Columbus, Ohio, for Roessler Memorial Medical Scholarship Fund.

$ 9,700.00  Estate of Fred Hitchcock, Columbus, Ohio, for Fred A. Hitchcock Professorship.

$ 9,300.00  American Foundation Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation Pharmaceutical Education Fund.

$ 7,890.00  Eastman Kodak Company, Rochester, New York, for Kodak Fellows Program.
May 7, 1982 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)

$ 7,605.00 Dow Chemical USA, Midland, Michigan--$3,000.00 for Dow Research Fellowship; $2,000.00 for Minority Assistance Program; $2,000.00 for Student Athlete Grant-in-Aid; $250.00 for undesignated purposes; $205.00 for Class of Champions; $100.00 for Class of 1931 Fund; $50.00 for Friends of WOSU.

$ 7,000.00 Conoco, Inc., Houston, Texas, for Conoco Fellowship in Chemistry.

$ 7,000.00 Firestone Tire & Rubber Company, Akron, Ohio, for Chemistry and NMR Research Fund.

$ 6,500.00 Adria Laboratories, Columbus, Ohio--$3,500.00 for PADM Research-Education Fund; $3,000.00 for Toxicology Research Fund.

$ 6,500.00 Gulf Research Development (Gulf Oil), Pittsburgh, Pennsylvania, for Mechanical Engineering Coal Combustion Fund.

$ 6,011.30 Merrymakers Club, Columbus, Ohio, for National Achievement Merrymakers Fund.

$ 6,000.00 Economic Education Center of Central Ohio, Columbus, Ohio, for Economic Education Fund.

$ 5,464.00 Deloitte Haskins & Sells Foundation, New York, New York--$2,100.00 for J. R. McCoy Scholarship Fund; $1,000.00 for Student Athlete Grant-in-Aid Fund; $825.00 for Accounting Special Fund; $775.00 for College of Administrative Science Fund; $500.00 for University Activities Fund; $150.00 for H. C. Miller Memorial Fund; $65.00 for undesignated purposes; $49.00 for Friends of WOSU.

$ 5,050.00 Donald Cruickshank, Columbus, Ohio, for fund to improve teacher education.

$ 5,000.00 Beulah Brown, Columbus, Ohio, for Dr. Howard Brown Fund.

$ 5,000.00 Ohio Quarter Horse Association, Richwood, Ohio, for Quarter Horse Building.

$ 5,000.00 Swift Industries Packing Company, Chicago, Illinois, for Kottman Scholars Program.
May 7, 1982 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 U. S. Steel Corporation, Pittsburgh, Pennsylvania, for Engineering Evaluation Program.

$ 5,000.00 Wayne County National Bank, Wooster, Ohio, for Kottman Scholars Program.

Establishment of Named Funds

The John C. Geupel Chair Fund

The John C. Geupel Chair 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 John C. Geupel 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 is to be used for salary and program support for a distinguished teacher, researcher and engineer in the Department of Civil Engineering. Appointment to the Geupel Chair will be upon the recommendation of the Dean of the College of Engineering to the President and approval of 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 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 civil engineering 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.

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 is authorized to invade the
principal amount of the endowment if necessary, and 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.

The Sheldon B. Ackerman Endowment Fund

The Sheldon B. Ackerman Endowment Fund was established May 7, 1982, 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 the family and friends of Sheldon B. Ackerman.

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 establish a prize to be known as the Sheldon B. Ackerman Award to be given to an outstanding student(s) in the area of business logistics or for similar outstanding achievement in marketing. The selection of the recipient(s) will be recommended by the faculty member holding "The James R. Riley Professorship (designated) in Transportation and Business Logistics." If the Riley professor does not exercise the selection option, then the chairman of the marketing faculty will recommend the recipient(s). All recommendations are to be approved by the dean of the College of Administrative Science.

Should the need for the 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 appropriate administrative official who is then directly responsible for marketing education.

The William J. Skou Faculty Enrichment Fund

The William J. Skou Faculty Enrichment Fund was established May 7, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of William J. Skou, M.S. '51, of Akron, Ohio, in memory of his service as a faculty member of The Ohio State University Agricultural Technical Institute, Wooster, Ohio.
May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The William J. Skou Faculty Enrichment Fund (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 may be used exclusively for full-time faculty members of The Ohio State University Agricultural Technical Institute for defraying costs involved in attending off-campus professional meetings, courses and similar educational meetings with the funds being used to defray travel expenses, lodging, meal costs and registration fees. All requisitions for funds will be approved by the Director of the Agricultural Technical Institute.

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 who is then directly responsible for faculty enrichment programs in the area of technical agriculture.

The William J. Skou Scholarship Fund

The William J. Skou Scholarship Fund was established May 7, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of William J. Skou, M.S. ’51, of Akron, Ohio.

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

The annual income (over and above what must be added to the principal to offset the annual inflation rate) is to be used to provide one or more scholarships for students entering the field of floriculture and/or greenhouse production of flowers or ornamentals. Only students in the upper third of their graduating high school class, and without regard to their parent’s income level, can be selected to receive the scholarships. Further, of the annual income available for distribution, 50 per cent will be utilized for scholarship recipients at The Ohio State University Columbus Campus and the remaining 50 per cent of the income for scholarship recipients at The Ohio State University Agricultural Technical Institute Campus. Selection of recipient(s) is to be made upon the recommendation of a committee comprised of the Chairman, Department of Horticulture (Columbus Campus), the Director of the Agricultural Technical Institute and the Dean of the College of Agriculture and Home Economics with the latter serving as chairman (designees of these officers may serve as the recommending committee).
May 7, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The William J. Skou Scholarship Fund (contd)

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 of the University with preference being given to recommendations from the appropriate administrative officials of the University who are then directly responsible for floriculture education at either the Columbus Campus or at the Agricultural Technical Institute.

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EMPLOYMENT OF ARCHITECTS/ENGINEERS

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER PROJECTS

Resolution No. 82-104

Synopsis: Authorization to employ architectural/engineering firms for six projects is requested.

WHEREAS Amended Substitute House Bill 552 contains capital appropriations for the following projects at the Ohio Agricultural Research and Development Center of The Ohio State University:

- Gnotobiotic Laboratory
- Farm Headquarters, Storage Building, Land Improvement
- Agronomy Farm
- Research Services Building
- Agricultural Museum
- Utilities and Renovation Projects

WHEREAS it is important that plans for these projects be completed as soon as possible:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to select a qualified architectural/engineering firm for each project listed above from lists of firms requested from and provided by the Department of Administrative Services and that the fees for these architectural/engineering services be negotiated between the firms selected and the Department of Administrative Services, Division of Public Works.

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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EMPLOYMENT OF ARCHITECT

VARIOUS HEALTH SCIENCES CENTER RENOVATION PROJECTS

Resolution No. 82-105

Synopsis: Authorization to employ an architect to define projects and develop schematics for various renovation projects within the Health Sciences Center is requested.

WHEREAS several projects have been requested by the Health Sciences Center to be accomplished over the next five years to support teaching and research, patient care, and administration and support services; and

WHEREAS these renovations will improve space utilization to accommodate increased work load within University Hospitals, will increase operational efficiency, will provide greater efficiency in patient treatment, and will upgrade facilities permitting use of modern technology; and

WHEREAS the University Hospitals Board endorsed these renovations at their meeting of January 26, 1982:

NOW THEREFORE

BE IT RESOLVED, That the firm of C. Curtis Inscho and Associates of Columbus, Ohio, be employed to provide all architectural consulting services to define the various projects required and define schematic representation of those necessary projects and that the fee for these services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, within the limits established by The Ohio State University, and that funds be provided for these consulting services from the University Hospitals.

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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PLANS AND SPECIFICATIONS

Resolution No. 82-106

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:
ELECTRICAL DISTRIBUTION IMPROVEMENTS, PROJECT A (SUBSTATION B)

Project: Substation B - Install new 5KV switchgear to replace the obsolete equipment which is no longer adequate.

Research Center - Extend the main campus 15KV electrical distribution system to the Research Center buildings to improve the electrical service and reduce energy costs.

Funding: H. B. 552, Utilities and Renovation, Item 315-074 (81-83 Biennium)

Estimated Project Cost: $510,000

FAWCETT CENTER FOR TOMORROW - ROOF REPLACEMENT

Project: Extensive roof repairs to prevent severe water damage to the interior of Fawcett Center for Tomorrow.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: $400,000

ELEVATOR REPLACEMENTS - PROJECT A (POMERENE AND JOHNSTON)

Project: Installation of new passenger elevators to replace obsolete elevators for which repair parts are no longer available. The new units will be complete with provisions for the handicapped added.

Funding: H. B. 552, Utilities and Renovation, Item 315-074 (81-83 Biennium)

Estimated Project Cost: $230,000

WINDOW REPLACEMENT - PROJECT C (HASKETT HALL)

Project: Installation of new windows to replace the existing deteriorated and energy inefficient units.

Funding: H. B. 552, Utilities and Renovation, Item 315-074 (81-83 Biennium)

Estimated Project Cost: $220,000
May 7, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

LIGHTING IMPROVEMENTS - PROJECT A

Project: Installation of new energy efficient fluorescent lighting fixtures to replace obsolete incandescent units to improve lighting and reduce energy consumption and maintenance costs.

Funding: H. B. 552, Utilities and Renovation, Item 315-074 (81-83 Biennium)

Estimated Project Cost: $140,000

OHIO UNION PARKING RAMP - INSTALLATION OF NEW 13.2KV ELECTRICAL SERVICE

Project: Installation of primary 15KV 3 phase electrical service from Sullivant Hall. By transferring this electrical load from a direct utility company service to the University's distribution system it is estimated that a $9,000 annual savings will be made.

Funding: Budget Account 885178

Estimated Project Cost: $42,544

LINCOLN TOWER - INSTALLATION OF TELEPHONE DUCTS

Project: Installation of telephone duct work from the manhole at the southeast corner of Drake Union on Cannon Drive to Room 128 of Lincoln Tower. The duct system is to be used in conjunction with the expansion of the University's telephone system.

Funding: Budget Account 885171

Estimated Project Cost: $39,013

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 Administration 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

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May 7, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meet-
ing.

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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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS
Resolution No. 82-107

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 Administration 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:

MCCracken Power Plant
Installation of Desuperheaters and
Piping Insulation Retrofit (ECM-3)

Description: Installation of a desuperheater in the Power Plant to reduce temperature of steam distribution through the system and installation of additional insulation of piping in selected areas in the five-mile tunnel system to further reduce heat losses. These modifications will substantially save dollars in energy costs and will have a two-and-one-half year payback.

Mechanical Contract

<table>
<thead>
<tr>
<th>Date Received:</th>
<th>March 23, 1982</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Bids:</td>
<td>10</td>
</tr>
<tr>
<td>Low Bid:</td>
<td>$84,300.00</td>
</tr>
<tr>
<td>High Bid:</td>
<td>$120,110.00</td>
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<tr>
<td>Estimate of Cost:</td>
<td>$108,270.00</td>
</tr>
<tr>
<td>Awarded to:</td>
<td>J. A. Guy, Inc., Dublin, Ohio</td>
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</tbody>
</table>
May 7, 1982 meeting, Board of Trustees

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

MCCracken power plant
Installation of desuperheaters and
Piping insulation retrofit (ECM-3) (contd)

Insulation Contract

Date Received: March 23, 1982
No. of Bids: 6
Low Bid: $325,430.00*
High Bid: $450,000.00*
Estimate of Cost: $413,252.29*
Awarded to: M. K. Moore and Sons, Inc., Dayton, Ohio

Total All Contracts: $409,730.00
Total Contingency Allowance: $38,681.63 which is 9 per cent of construction contracts
Total Project Cost: $500,000.00
Funding: Federal Grant ($250,000) and matching funds from the Ohio Board of Regents and University Funds (Budget Account 885153)

*Recommended Alternates reflected in these figures.

Parking Lot Maintenance - 1981-82
Resurfacing and Drainage Modifications

Description: Resurfacing and drainage modifications will be accomplished for the following parking lots:

Dentistry Lot
French Field House/St. John Arena - North Lot
Printing Facility - East Lot
Tuttle Park Lots 3 and 4 West and 1 and 2 East
Water Resources Lot
French Field House - South Lot
Fawcett Center - North and South Lots
May 7, 1982 meeting, Board of Trustees

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

PARKING LOT MAINTENANCE - 1981-82
RESURFACING AND DRAINAGE MODIFICATIONS (contd)

General Contract

Date Received: March 23, 1982
No. of Bids: 7
Low Bid: $356,770.00*
High Bid: $447,995.05*
Estimate of Cost: $532,296.00*
Awarded to: Central Ohio Asphalt Paving, Inc., Hilliard, Ohio

Total Contract: $356,770.00
Total Contingency Allowance: $35,677.22 which is 10 per cent of construction contract
Total Project Cost: $512,154.81
Funding: Budget Account 885071

*Recommended Alternate reflected in these figures.

PARKING LOT MAINTENANCE - 1981-82
PATCH, REPAIR, AND SLURRY SEAL

Description: Patch, repair, and slurry seal work will be accomplished due to deterioration on the following lots:

University Airport - Main Parking Lot
Dodd Hall - South Lot
Research Center Lots

General Contract

Date Received: March 23, 1982
No. of Bids: 5
Low Bid: $104,767.00
High Bid: $145,880.00
Estimate of Cost: $164,744.00
Awarded to: Strawser Paving Company, Columbus, Ohio
May 7, 1982 meeting, Board of Trustees

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

PARKING LOT MAINTENANCE - 1981-82
PATCH, REPAIR, AND SLURRY SEAL (contd)

Total Contract: $104,767.00
Total Contingency Allowance: $16,239.00 which is 16 per cent of construction contract
Total Project Cost: $149,799.64
Funding: Budget Account 885071

WOODRUFF AVENUE, REPAIR/REPLACE CURBS AND SIDEWALKS
Description: Repair of curbs and sidewalks on the north side of Woodruff Avenue from Neil Avenue to High Street. This is necessary due to deterioration.

General Contract
Date Received: March 23, 1982
No. of Bids: 7
Low Bid: $33,320.00
High Bid: $45,209.00
Estimate of Cost: $35,000.00
Awarded to: Tom Mayle & Sons, Cutler, Ohio
Total Contract: $33,320.00
Total Contingency Allowance: $853.16 which is 3 per cent of construction contract
Total Project Cost: $35,500.00
Funding: Budget Account 210134 (Contract Repair)

PARKING LOT MAINTENANCE - 1981-82
PATCH, REPAIR, AND EMULSION SEAL COAT
Description: Patching, repair, and seal coating will be accomplished for the following parking lots: Women's Field House; Drackett (North of Curl Drive); Cunz Hall; Kinsman (Bel-mont and 10th Avenue); Goss Laboratory (South); Sisson (Northeast); and Laundry. These repairs are needed due to deterioration.
May 7, 1982 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)
PARKING LOT MAINTENANCE - 1981-82
PATCH, REPAIR, AND EMULSION SEAL COAT (contd)

General Contract

Date Received: March 23, 1982
No. of Bids: 7
Low Bid: $28,259.00
High Bid: $39,929.00
Estimate of Cost: $35,873.00
Awarded to: Miller Sealing & Trucking Co., Inc., Hilliard, Ohio
Total Contract: $28,259.00
Total Contingency Allowance: $3,673.60 which is 13 per cent of construction contract
Total Project Cost: $41,926.00
Funding: Budget Account 885071

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. Immke, the Board of Trustees adopted the
foregoing resolution by unanimous roll call vote.

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INCREASE IN THE NUMBER OF CARRIERS AUTHORIZED
TO PARTICIPATE IN TAX DEFERRED ANNUITY PROGRAM
Resolution No. 82-108

Synopsis: An increase in the number of carriers authorized to participate in the University’s
Tax Deferred Annuity program is recommended.

WHEREAS on July 6, 1973, this Board selected four carriers to provide and service a Tax
Deferred Annuity program for University faculty and staff; and
INCREASE IN THE NUMBER OF CARRIERS AUTHORIZED TO PARTICIPATE IN TAX DEFERRED ANNUITY PROGRAM (contd)

WHEREAS the Aetna Variable Annuity Life Insurance Company, the Prudential Life Insurance Company of America, the Teachers Insurance Annuity Association and College Retirement Equities Fund, and the Variable Annuity Life Insurance Company have served as carriers to the faculty and staff for this program; and

WHEREAS a periodic review indicated that the Tax Deferred Annuity program might be enhanced by offering faculty/staff members one or more new carrier/plan choices; and

WHEREAS a solicitation of 35 companies by means of bid specifications was made and 21 proposals were received; and

WHEREAS based on an analysis of the bid proposals, it is recommended that H. C. Copeland and Associates and T. Rowe Price be authorized as of August 1, 1982, to provide their Tax Deferred Annuity programs for University faculty/staff:

NOW THEREFORE

BE IT RESOLVED, That H. C. Copeland and Associates and T. Rowe Price, selected on the basis of their specific bid proposals, be authorized to provide and service their Tax Deferred Annuity programs for the University faculty/staff effective August 1, 1982.

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

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TRIBUTE TO CHESTER DEVENOW

President Jennings:

Mr. Chairman, I would like now to call on Professor Protheroe, who I see in the audience, who would like to make a comment.

Professor Protheroe:

President Jennings, I have been asked by a group of faculty to come before the Board to read a statement to you today. It is dated May 7, 1982.

To Mr. Chester Devenow:

The below named faculty, speaking directly in their own names and symbolically for the entire faculty, wish to express to you our thanks for your service to our University. You have consistently given of yourself to The Ohio State University beyond that which could be reasonably expected. Your devotion and attention to our academic endeavour has been an example to us which serves to reinforce our collective belief in Ohio State.
TRIBUTE TO CHESTER DEVENOW (contd)

In recognition of your efforts, we wish to do something which we have no power to do in either rule or in law but which we feel we have in spirit and in mind. We would confer upon you the title Professor and ask that you accept this act and, in so doing, will feel free, if not obligated, to continue your association with Ohio State. We invite you to join us, at your pleasure, in the Faculty Club, in our classrooms, in our laboratories and in our studies. We will not settle for a mere nine years of your devotion and we therefore ask you to continue with us.

With our deep thanks and appreciation,

ROBERT L. BARTELS
MORRIS BEJA
GOODWIN BERQUIST
S. LESLIE BLATT
DAVID H. BOYNE

CHARLES H. BREWER
EUGENE R. CAPRIOTTI
PHILLIP M. CLARK
CHARLES E. CORBATO
W. ARTHUR CULLMAN
DAVID W. DEAN
RAYMOND W. DOSKOTCH
WARREN W. EASON
NATHAN S. FECHHEIMER
JOHN B. GABEL
J. BRUCE GRIFFING
LAWRENCE J. HERSON
CHARLES W. HOFFMANN
CALVIN M. KUNIN
RICHARD R. LANESE
ROY A. LARMEE
ILSE LEHISTE
ARTHUR W. LEISSA
HERBERT S. LIVINGSTON
FRANKLIN M. LUDDEN
SVEN B. LUNDBERG
MARK P. MORFORD
ANDREW G. OLDENQUIST
THOMAS E. POWERS

WILLIAM M. PROTEROE
EDWARD RAY
KENT P. SCHWIRIAN
WILLIAM B. SHOOK
FRANK R. SILBAJORIS
FREDERICK D. STOCKER
MARLIN O. THURSTON
GISELA M. VITT
MARVIN R. ZAHNISER

Professor of Health and Physical Education
Professor of English
Professor of Communications
Professor of Physics
Professor of Agricultural Economics and Rural Sociology
Professor of Architecture
Professor of Astronomy
Professor of Psychology
Professor of Geology
Professor of Marketing
Professor of Mathematics
Professor of Pharmacy
Professor of Economics
Professor of Dairy Science
Professor of English
Professor of Genetics
Professor of Political Science
Professor of German
Professor of Medicine
Professor of Preventive Medicine
Professor of Educational Administration
Professor of Linguistics
Professor of Engineering Mechanics
Professor of Music
Professor of Art History
Professor of Public Administration
Professor of Classics
Professor of Philosophy
Professor of Veterinary Physiology and Pharmacology
Professor of Astronomy
Professor of Economics
Professor of Sociology
Professor of Ceramic Engineering
Professor of Slavic Languages
Professor of Economics
Professor of Electrical Engineering
Associate Professor of German
Professor of History
TRIBUTE TO CHESTER DEVENOW (contd)

Professor Protheroe: (contd)

I think 'Professor Devenow' when you look at the breadth of disciplines represented you will realize your professorship is not an ordinary one but rather it is most cosmic in nature.

Mr. Devenow:

Thank you, Professor Protheroe. I am shocked and delighted and at a loss for words for the first time in nine years but very grateful for the recognition, and you can be assured that whether I am or am not a professor, I will continue my deep and committed dedication to this University. As I said last night, it is a great, great complex. It goes beyond the ordinary realm of anything I have ever been in, and I feel very honored and grateful that I have had an opportunity to serve. Thank you very, very much.

President Jennings:

Thank you, Bill. Professor Devenow, we expect you to agree with everything that the Board says from here on out.

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RECOGNITION OF THE SEVENTY-FIFTH ANNIVERSARY OF SPHINX
Resolution No. 82-109

WHEREAS: Sphinx, the Senior Honor Society, is today celebrating its 75th Anniversary of service to The Ohio State University; and

WHEREAS: Sphinx Plaza is to be dedicated today as an anniversary gift from the honor society commemorating its 75 years of loyalty and service to our University; and

WHEREAS: the Sphinx Plaza makes substantial esthetic contribution to the campus environment in support of our educational activities and helps complete the master plan for the area enclosed by University Hall, the Main Library, Townsend Hall, and Independence Hall:

NOW THEREFORE, BE IT RESOLVED, that the Board of Trustees accept with deep gratitude the gift of Sphinx Plaza in tribute to that organization whose leadership and individual members have, through time, provided exemplary and exceptional service to their Alma Mater, The Ohio State University.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
May 7, 1982 meeting, Board of Trustees

THANKS BY CHESTER DEVENOW

Mr. Devenow:

Well, maybe I can take five minutes to thank everybody in the total University for all the support that you have given me. I have never felt more comfortable than I have with this Board of Trustees. They are a bunch of magnificent men that they have. I hope you understand and take it back to your constituencies that they spend a lot of time and they give a lot of concern to all the problems of the University, and they are deeply concerned about all the problems that we face at the University, and the Board of Trustees is normally considered to be just a rubber stamp operation; but that is not a fact at Ohio State. I found that out, we have got individual men with individual opinions, and over the last nine years they have with complete commitment and dedication made decisions which they felt were best for the total University, the faculty, students and administration, and I feel very confident that the future of Ohio State is in very secure hands. You have a President who is one of the ablest men I have met in many, many years, and one who knows what the problems are and probably will, in my opinion, resolve those problems to the best interests of all of us. So I take leave with great confidence that this is the beginning of a tremendous growth area for Ohio State. You've got everything; the question is, 'How you develop it?' Is that five minutes up? I feel like some Senator filibustering.

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APPRECIATION TO CHESTER DEVENOW

Mr. Smith:

You know when you get the first appointment you have nine years, it seems like a long time and yet it goes very quickly. Sometimes it's a flash of leaky roofs and parking lots that need paved and buildings that are constructed, but it is more than that. There are light moments like Barnebey Center, which I am sure you remember, Barnebey Center which we visited, etc., and there are thorny problems like the practice plan and like the budget problems that you just led us through; but I think you put your finger on it last night when you were talking to the group and that was: it is different from our work-a-day life what we do here at the University. There is a marked difference for all of us to observe, and I think it is an institution that is going to be here after we are all gone, after we are all dust. Somehow there are many parts to us, and a lot of people make the contribution that makes it a great university. I think in your years of service you have made your contribution, and it will live a long time with this institution.

Mr. Devenow: Thank you very much, thank you.

President Jennings:

Well, we are not in television so we can't stretch this further. I want to, from the University, present perhaps a small symbol of our appreciation to you--speaking for the entire University--with a couple of small tokens that perhaps will allow you to remember us by.
May 7, 1982 meeting, Board of Trustees

APPRECIATION TO CHESTER DEVENOW (contd)

President Jennings presented a plaque (State of Ohio) with the inscription:

Chester Devenow

Member,
The Ohio State University
Board of Trustees
1973-1982
Chairman, 1980-1982

In appreciation to Chester Devenow
for outstanding leadership, service and dedication

to
The Ohio State University.

President Jennings:

We will present you also with a gavel in recognition of your outstanding contribution as Chairman of this Board from all of us at the University.

Chester Devenow

in appreciation of his service
to the Board of Trustees of
The Ohio State University
Member 1973-82
Chairman 1980-82

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May 7, 1982 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 82-110

RESOLVED, That the report on the University's Investment Portfolio, dated April 16, 1982, 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 10, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman
APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 11, 1982
Roy M. Kottman

Roy M. Kottman has devoted more than 22 years of service to the state of Ohio. Before being appointed vice president for Agricultural Administration and executive dean for Agriculture, Home Economics, and Natural Resources—he served as dean of the College of Agriculture and Home Economics for more than 20 years. Aside from holding a professorship in the Department of Animal Science, he is also director of both the Ohio Agricultural Research and Development Center and the Cooperative Extension Service. In his various administrative posts, he has forged a strong link between the University and business and industry. He has ensured that the great assets and resources of Ohio State have been and will continue to be made available to the farming community, not only throughout Ohio, but throughout the world. Although Dr. Kottman’s basic field is animal science—specifically genetics and breeding—his interests and activities encompass all aspects of research and education in agriculture, home economics, and natural resources. He has received numerous awards for his outstanding service and holds an honorary degree from the University of Wooster. Dr. Kottman is a Fellow of the American Society of Animal Science and is a member of the honorary societies of Sigma Xi and Phi Kappa Phi, as well as a member of Gamma Sigma Delta and Alpha Zeta, agricultural honoraries. In recognition of his service to the University and to the state of Ohio, a permanent endowment in his name was established to provide financial support to students majoring in agriculture, home economics, or natural resources.

The University is proud to have this distinguished administrator, researcher, and teacher address the graduates of its 280th Commencement.
Recipients of Honors

R. M. Lumiansky
Doctor of Humane Letters
An internationally recognized scholar of medieval literature, Dr. Lumiansky is one of the most influential spokesmen for the humanities in the United States today. Dr. Lumiansky played a pivotal role in the establishment of the National Endowment for the Arts and the National Endowment for the Humanities. Most recently, he was a member of the Presidential Task Force on the Arts and Humanities. A teacher and scholar for more than a quarter century, he is an academic administrator and leader as well. He served as chairman of the departments of English at two universities, as well as dean and then provost at Tulane University. He has taught at Tulane University, Duke University, the University of Pennsylvania, and New York University. Professor Lumiansky's translation of Chaucer stands as a classic and has brought the joy of the famous poet's work to many modern readers. His scholarly work has been recognized by the governments of France, from which he received the Palmes Académiques, and of Italy, from which he received the Stella della Solidarietà Italiana. He received a Guggenheim Fellowship in 1968 and is a Fellow of the Medieval Academy of America and of the American Academy of Arts and Sciences. An author of eight books and more than fifty scholarly articles, he has received honorary degrees from the University of South Carolina, the University of Southern California, the City University of New York, and the University of North Carolina. In bestowing this honor, the University seeks to recognize Dr. Lumiansky for his unfailing commitment to higher education, to scholarship, and, most especially, to the advancement of the humanities.

Elmer Boyd Staats
Doctor of Humane Letters
After receiving his doctoral degree from the University of Minnesota, Elmer Staats joined the New Deal Bureau of the Budget in 1939 and headed up its War Agencies Section during World War II. Serving in every administration since Roosevelt's, he was appointed Comptroller General of the United States by President Johnson. In his fifteen years as head of the Government Accounting Office, Elmer Staats transformed what was once essentially an accounting and auditing organization into a highly respected voice in public policy. Under his leadership, the GAO's mission increasingly became one of management consulting—helping other government agencies organize and economize. He also helped shift its focus from examination of financial statements to comprehensive evaluation of large government programs such as Social Security and military procurement. A proponent of frugality in government long before it ever became popular, his efforts and evaluation programs have resulted in many reforms and savings. The greatly widened and altered concepts of comprehensive audit and performance evaluation which he has developed have earned him the highest regard in both the public and private sectors. A member of Phi Beta Kappa, he has been a fellow at the Brookings Institution and has received numerous honorary degrees, including Doctor of Laws degrees from Duke University, McPherson College, and Nova University; a Doctor of Public Service degree from George Washington University; and a Doctor of Administration degree from the University of South Dakota. President Reagan arranged for a special ceremony to award Dr. Staats the Presidential Medal of Honor for meritorious service and contributions to the federal government. Today, the University takes great pride in recognizing Elmer Staats for his many years of distinguished government service.
Wayne Woodrow “Woody” Hayes
Distinguished Service Award

Wayne Woodrow Hayes served as head football coach at The Ohio State University for 28 years. During that time, he established himself as one of the all-time great college football coaches. Under his leadership, Ohio state’s football teams achieved a degree of excellence unmatched in the University’s rich athletic history. Aside from his duties as football coach, Woody also enjoyed teaching courses in physical education and athletic administration at both the undergraduate and graduate levels. An avid reader, he is an aficionado of military history. In 1935, he was graduated from Denison University, where he majored in English and history. He holds an M.A. from The Ohio State University in education administration. An inspirational speaker, he has addressed thousands of people, from elementary school age children to professionals in various fields. His speeches are motivational, informative, and unabashedly patriotic. Regardless of the audience, he never fails to mention the merits of Ohio State, the value of college football, and his unswerving belief in his country. In his 33 years as a head football coach, his teams won 238 games, a record which places him fourth among all major college coaches for the most victories. Coach Hayes was named “College Coach of the Year” in 1957 and again in 1975. Thirteen of his OSU teams won Big Ten Championships and five of his teams were named National Champions by one or more of the four recognized selection committees. The university community is proud to honor Coach Hayes for his many years of distinguished and devoted service to The Ohio State University.
The Graduate School

Dean: Jules B. LaPides

Doctor of Musical Arts

Peter Paul Dorgan, Columbus; L.T.C.L. Diploma (Trinity College of Music); L.R.A.M. Diploma (Royal Academy); M.M.; Music; Dr. Richard Tetley Kardos

Christian Coates Norris, Plain City; B.A. (University of Mississippi); M.Ed.; Education; Dr. Jerry Loudon and Dr. Sylvia Zaworski

Doctor of Philosophy

See Kyoo Ahn, Seoul, Korea; B.S. (Seoul National University); M.S.; Industrial and Systems Engineering; Dr. Albert B. Bishop

William Cornell Baird, III, Besley; A.B. (Indiana University); M.S.; Dairy Science; Dr. Wayne R. Groene

Allen Dwayne Ball, Houston, Tex.; B.A. (Rice University); M.A.; Psychology; Dr. Robert C. MacCallum

Simbo Adenuga Banjoko, Ogun, Nigeria; B.Sc. (University of Lagos); M.A. (University of Massachusetts); Business Administration; Dr. Robert C. Milligan

Sharon Kay Barnett, Memphis, Tenn.; B.A., M.A. (California State University at Chico); Education; Dr. C. Ray Williams

Kathleen Krueger Barrows, Columbus; B.A. (St. Olaf College); M.S. (Iowa State University); Home Economics; Dr. Jean T. Snook

Faud Mohamed Sayed Bayomy, Cairo, Egypt; B.S.C.E. (Cairo University); M.S.; Civil Engineering; Dr. Kemran Majidzadeh

Gerald James Bean, Jr., Worthington; B.S. (The Defiance College); M.S.W. (The University of Michigan); Social Work; Dr. Robert M. Ryan

Rafael Bedolla, San Antonio, Tex.; B.B.A. (San Antonio College, St. Mary's University of San Antonio); M.Adm. (Instituto Tecnologico Y De Estudios Superiores de Monterrey); Education; Dr. Donald P. Sanders

Robert Boyd Beebe, South Jordan, Utah; B.S., M.E. (Utah State University); Education; Dr. James E. Suge

Mary Ann Berry, Highland; B.S., M.A.; Agricultural Economics and Rural Sociology; Dr. Ted L. Napier

Cynthia Diane Stark Bessey, Columbus; B.S., M.A.; Psychology; Dr. Henry R. Angelov

Narayani Ramachandra Bhat, Karnastaka, India; B.Sc. (University of Agricultural Science); M.Sc. (Punjab Agricultural University); Horticulture; Dr. Harry K. Tepone

Woodward Scott Bouquet, Pittsfield, Mass.; B.S. (Cornell University); M.S.; Education; Dr. Robert E. Roth

Leila Anne Breene, Shelburne, Vt.; B.S. (University of Dayton); M.S.; Computer and Information Sciences; Dr. Jerome Rokhtestin

Dolores Brooks, Memphis, Tenn.; A.B. (Lane College); M.S. (Tennessee State University); Education; Dr. Jerry Loudon and Dr. Sylvia Zaworski

Michael Charles Burns, Columbus; B.S., M.S.; Microbiology; Dr. Melvia S. Rhine

Paula Shafer Butterfield, Columbus; B.A., M.A.; Education; Dr. Donald J. Testi

John Douglas Carlson, Columbus; B.S. (Michigan State University); M.S. (University of Wisconsin); Atmospheric Sciences; Dr. Michael R. Fuster

Jui-hsiang Chan, Tainan, Republic of China; B.S. (Tunghai University); M.S. (National Tsing Hua University); Chemistry; Dr. Theodore Kuwano

Jane Chang, Columbus; B.S., M.S. (National Taiwan University); Pharmacy; Dr. Juan M. Miller

Fuhua Cheng, Tainan, Republic of China; B.S., M.S. (National Taling Hsue University); M.S., M.S.; Mathematics; Dr. Ranko Bojic

Haiyung Cheng, Tainan, Republic of China; B.S. (Tunghai University); M.S.; Pharmacy; Dr. Jose M. Palomo

Paul H. Cohen, Cranston, R.I.; B.S. (University of Rhode Island); M.S.; Industrial and Systems Engineering; Dr. Jay T. Black

Paul Gary Conway, Audubon, Pa.; B.S. (Ohio Northern University); M.S.; Pharmacology (The University of Toledo); Pharmacy; Dr. Norman J. Uretsky

Christine Carol Cook, Columbus; B.A. (Montclair State College); M.S. (Cornell University); Home Economics; Dr. Nancy M. Rudd

Judith Anne Cool, Philadelphia, Pa.; B.A. (University of Delaware); M.A.; Sociology; Dr. Laurel W. Richardson

Martha Carolyn Cooper, Washington, C.H.; B.S., M.S. (Purdue University); Business Administration; Dr. Bernard J. LaLonde

Robert Elwin Corder, Fairfield, B.S. (University of Cincinnati); M.S.; Microbiology; Dr. James J. Frea

Rose Mariani Cost, Newark, B.S., M.A.; Education; Dr. Otto Santos, Jr. and Dr. Anthony A. Oliszew

Kevin David Cummings, Miamisburg, B.S., M.A.; Physics; Dr. David D. Tanner

Glenn Raymond Cuono, Levittown, N.Y.; B.A. (State University of New York at New Paltz); M.A. (The University of Georgia); German; Dr. Charles W. Hoffmann

Marwan Bahia Daabag El Marghati, Tripoli, Libya; B.S. (University of Libya); M.S.; Food Science and Nutrition; Dr. Michael E. Mangino

Lois Jean Darmstadt, Columbus; B.A., M.A.; Psychology; Dr. Samuel Osipow

Wallace Norman Davidson, III, Columbus; B.A., B.M.A. (Wheeling State University); Business Administration; Dr. Andrew Chen

Vivian Witkind Davis, Columbus; B.A. (Wellesley College); M.A. (Tufts University); Public Administration; Dr. Robert W. Backoff

Frederick Albert Day, Granville; A.B. (Syracuse University); M.A.; Geography; Dr. Lawrence A. Brown

Daniel Anthony DiBiaggio, Lakewood; B.A. (Ohio Wesleyan University); M.A.; Education; Dr. Donald P. Swanson

William Eugene Dorogy, Jr., Murrayville; Pa.; B.S. (Lehigh University); M.S.; Chemistry; Dr. Eugene F. Schumann

Ann Leslie Dunnewold, Dallas, Tex.; B.A. (Hiram College); M.A.; Psychology; Dr. Richard K. Russell

Fabian Oby Elum, Imo-State, Nigeria; B.S. (Syracuse University); M.S.; Anthropology; Dr. Martha E. Sucketon

Karen Herline Evans, Galloway; A.B. (Colorado State University); M.A. (John Carroll University); Education; Dr. William D. Doubling

Ernest Boyd Ezell, Jr., South Union, Ky.; B.A., M.A. (Western Kentucky University); Education; Dr. Donald G. Lin

Caroline Schubert Faigl, Reynoldsburg; B.G.S., M.S. (Indiana University); Education; Dr. William D. Doubling

Audrey A. Glenn, Delaware; B.A. (University of Delaware); M.A.; Psychology; Dr. Richard K. Russell

David Marcus Gold, Columbus; B.A. (State University of New York at Binghamton); M.A.; History; Dr. Michael Les Buesdred

Ruth Ellen Goldberg, Columbus; B.A. (Trenton State College); M.A.; Psychology; Dr. Samuel H. Oepke

Joan Yvonne Gordon, Cincinnati; B.A. (Fisk University); M.A.; Education; Dr. John C. Bellard

Warren Ally Gordon, Lincolntown; N.J.; B.S. (Rutgers University); M.S. (University of Minnesota); Food Science and Nutrition; Dr. Emil Mikolajczak

Thomas Walter Gray, Columbus; B.S. (Cornell University); M.S.; Agricultural Economics and Rural Sociology; Dr. William L. Fleen

Francis Blackburn Gross, III, Winter Haven, Fla.; B.S.E.E., M.S.E.E. (University of Florida); Electrical Engineering; Dr. Aharon A. Kasweki

Inder Jeet Gupta, N.I.T. Faridabad; Haryana, India; B.Sc., Punjab Engineering College; M.Tech. (Indian Institute of Technology at Kanpur); Electrical Engineering; Dr. Aharon A. Kasweki
Jane Ann John Bennett Weaver, Tipp City; B.A. (Ohio Wesleyan University); Education; Dr. James J. Befort, Jr.

Robert David Vincent, South Euclid; A.B. (Washington University); M.S.; Molecular, Cellular and Developmental Biology; Dr. Philip S. Perlman

John Bennett Weaver, Tipp City; B.A. (Wright State University); M.A. (University of North Carolina); M.L.S. (Indiana University); History; Dr. Morton L. Dillon

David Stafford Weber, Toledo; B.A. (Mount Union College); M.A. (Miami University); History; Dr. Donald B. Cooper

Clarence Dean White, Warburg, Tenn.; B.S., M.S. (University of Tennessee); Comprehensive Vocational Education; Dr. Anthony G. Poreen

Teresa Emily Wilhelm, Ada; B.S. (Ohio University); B.Sc. (University of Nairobi); Physical Education; Dr. Howard W. Sprague

Lynda Kay Wolfe, Columbus; B.A. (Ohio State University); M.A.; Psychology; Dr. Nancy E. Birt

Mohamed Awadallah Yassin, Khartoum, Sudan; M.S. (University of Khartoum); B.Sc. (University of Hawaii); Agronomy; Dr. Lee E. Braden

Donald Duane Yoder, Medapolis, Ia.; B.A. (Iowa State University); M.A. (University of Missouri); Communication; Dr. Victor D. Wall, Jr.

Deborah Ann Young, Vandergrift, Pa.; B.S. (Pennsylvania State University); M.S.; Microbiology; Dr. Frank W. Chasing

Linda Patricia Young, Farmington Hills, Mich.; B.A. (Oakland University); M.M. (Michigan State University); Music; Dr. A. Peter Cottas

Jane Ann Zaharias, Garfield Heights; B.S.Ed., M.Ed. (Cleveland State University); Education; Dr. Main P. Mertz

Steven E. Zartman, Springfield, B.A., M.A.; Education; Dr. Judy Grudzinski

Karen F. Zega, Vienna; B.A., M.A. (Kent State University); Education; Dr. Willis E. Roy

**Master of Accounting**

David Borker, Columbus; A.B. (Cornell University); Ph. D. (Yale University); Accounting

Alfredo Somoya Ramos, Cabo Rojo, Puerto Rico; B.S.B.A. (University of Puerto Rico); M.B.A.; Accounting

**Master of Applied Statistics**

Joseph Anthony Damico, Columbus; B.A., B.S.Ed.; Statistics

Mary Elizabeth Little, Bismarck, N. D.; B.A. (Moorehead State University); Statistics

Carol Lee Stone, Columbus; B.A. (Ohio Wesleyan University); Statistics

Karen Lynn Wales, Poland; B.S.; Statistics

**Master of Architecture**

Gary James Alexander, Columbus; B.A. (University of Notre Dame); B.S.Arch.; Architecture

Brad Anthony Erdy, Columbus; B.S.Arch.; Architecture

Ernest Roko Gaal, Columbus; B.S.Arch.; Architecture

Roy L. Gunsolus, Tonawanda, N. Y.; B.S.Arch., B.S. (State University of New York at Buffalo); Architecture

John Martin Hauser, Fairlawn, N. J.; B.S.Arch.; Architecture

David Gerald LaComb, Utica, N. Y.; B.Sc. Architecture (The Catholic University of America); Architecture

Akira Okochi, Omiya, Japan; B.S. (Waseda University); Architecture

Boluwaaji Ademola Olawadiya, Okembeni-Ekiti, Nigeria; B.Arch. (New York Institute of Technology); Architecture

Harjeet Singh Sehmi, Nairobi, Kenya; B.Arch. (University of Nairobi); Architecture

**Master of Arts**

Takako Akawa, Nishio-shi, Japan; B.A. (Tsuda College); East Asian Languages and Literatures

Susan Kay Andaloro, North Canton; B.S.Ed.; Education

Uonna F. Anderson, Columbus; B.S.; Education

Anne Bennett Andrien, Columbus; B.A.; Public Administration

Maria Therese Annen, Duluth, Minn.; B.A. (College of Saint Scholastica); Music

Lori Anstine, Columbus; B.S.Ed. (Ohio University); Education

Thomas Lee Armstrong, Shelby; B.S.Ed.; Public Administration

Marilyn Werstuk Baehr, Galion; B.S. (Ashland College); Education

Ronald Lee Baker, St. Louisville; B.S.Ed.; Education

Elmer Ray Baldridge, Mansfield; B.S.Ed.; Education

Cynthia Louise Balkowski, East Aurora, N. Y.; B.A. (State University of New York at Buffalo); Journalism

Jacqueline Sue Barlow, Appleton, Wis.; B.M. (Lawrence University); Music

Kathi Lynn Barnett, Mount Gilead; B.S.Ed.; Education

Christine Ann Beer, Sterling, Ill.; B.A. (University of Illinois); German

Nancy Bellantine, Boston, Mass.; B.A. (Connecticut College); Dance

Joan Bence, Delaware; B.A. (Ohio Wesleyan University); Anthropology

Jorothy Fegley Benke, Palo Alto, Calif.; B.A.; English

Alisa Dental, Haifa, Israel; B.Sc. (State University of New York at Brockport); Physical Education

Peggy Jean Benziger, Waldo; B.S.Ed.; Education

Eric Henry Beversluis, Grand Rapids, Mich.; B.A. (Calvin College); M.A., Ph.D. (Northwestern University); Economics

Barbara Leslie Biber, Cincinnati; B.A.; Communication

David Lloyd Binder, Whitehouse, N. Y.; B.A. (State University of New York at Stony Brook); Psychology

Randal Jon Bishop, Grand Rapids, Mich.; B.S. (Michigan State University); Physical Education

John Samuel Boquist, Youngstown; B.A. (Mount Vernon Nazarene College); Music

Lori Jo Borden, DuBois, Pa.; B.Music (Pennsylvania State University); Music

Olga Lucia Borrero; B.A.; Education

Ann Louise Borrus; B.S.Ed. (Kent State University); Education

Willie Clemmon Boston, Orangeburg, S.C.; B.A. (South Carolina State College); Theatre

Nancy Donna Boyden, Cohocton; B.S. (Ohio University); Education

Linda Sue Brady, Eugene, Ore.; B.A. (University of Oregon, Eugene); History of Art

Timothy Charles Bray, Augusta, Maine; B.A. (Gordon College); Education

Jeffrey Roger Bright, Columbus; B.S. (Morehead State University); Education

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Victor Garrett Brown, Cincinnati; B.A. (Pik University); Black Studies

Beth Ann Bruckert, Elkhart, Ind.; B.A. (North Central College); Education

Thomas Lawrence Burns, Columbus; B.A. (College of Wooster); English

John Michael Canuso, Youngstown; B.S. (Ohio University); Music

Mary Colleen Cushman, Columbus; B.S.; Physical Education

Clifford Randall Cass, Newark; B.S.Ed.; Education

Long Sim Chin, Petaling Jaya, Malaysia; B.S.Ed.; Physical Education

Mei-Lie Chu, Taipei, R.O.C.; B.A. (National Taiwan University); M.B. (National Chengchi University); Economics

Lauren M. Clapham, Columbus; B.S.H.E.; Education

Bradley K. Clark, Worthington; (Bowling Green State University); Education

Myra Dawn Clark, Columbus; B.S.Ed.; Education

Mary Margaret Cohehan, Heath; B.S. (Miami University); Education

Susan Jayne Cole, Columbus; B.F.A. (Kent State University); Art Education

Sally Linda Connor, Columbus; B.S.Ed.; Education

Thomas James Conrad, Worthington; B.A.; Public Administration

Walter Jordan Conner, Jr., Little Rock, Ark.; B.A. (Emory University); History

Jane Ann Cooper, Grove City; B.S.; Education

Timothy Paul Corral, Ashland; B.S.; Physical Education

Kathleen Francis Crocco, Columbus; B.A. (Ohio Dominican College); Education

Jennie Marjorie Cross, Niles; B.S. (Saint Louis University); M.S.; Physical Education

Susan Elaine Cross, Houston, Tex.; B.S. (Texas Agricultural and Mechanical University); Education

Edward William Dader, Newport News, Va.; B.S. (Virginia Commonwealth University); Education

Frances Daly, Chicago, Ill.; (College of the Holy Cross); Education

Gary Joseph Danchak, Cleveland; B.A. (Kenyon College); Journalism

Sharon Swinehart Dawon, Columbus; B.S.Ed. (Ohio University); Physical Education (Health Education)

William Boyer Deaver, Columbus; A.B. (Miami University); Public Administration

Diane Yona DeFries, Washington, D. C.; B.A. (American University); Nurse

Samuel R. Dettra, Marion; B.A., B.S.Ed.; Public Administration

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Charles P. DeWitt, Towanda, Pa.; B.A. (Saint Olaf College); Education

James Raymond DeWitt, Hopewell Junction, N. Y.; B.S. (State University of New York at Geneseo); Education

Robert Joseph DeWood, Columbus; B.S. (Bowling Green State University); Public Administration

Sandra Jane Dickinson, Omaha, Neb.; Political Science

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Deborah Anne Dunne-Sousa, Wantagh, N. Y.; B.M. (The University of Rhode Island); Music

Karla Jean Durttschi, Columbus; B.S.Ed.; Education

Alan Dale Eakins, Springfield; B.A. (Taylor University); Education

Nancy Anne Edie-Hattery, Columbus; B.S.Ed.; Education

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William James Ensign, Columbus; A.B., M.A. (University of Notre Dame); Political Science

Rose Ellen Farges, Cleveland Heights; B.A.; Public Administration

Dennis Robert Fahringer, Toledo; B.A. (University of Toledo); English

Linda L. Fannin, Woodburn, Ind.; B.S. (Wittenberg University); Education

M. Candace Feck, Dublin; B.A. (Webster College); Dance

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David B. Fletcher, Barrington, R. I.; B.A. (Ohio Wesleyan University); Journalism

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Karen Lee Gilbert, Columbus; B.A.; History

Lorraine Stein Gilbert, Columbus; B.S.; Education

Penelope Anne Goggin, Oxford; B.S. (Indiana University); Education

Robert Martin Goldring, Orrville; B.A.; Physical Education

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Michael Gary Hoover; B.A.; Education

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Siobhan Kerrigan, Riverside, Conn.; B.A. (Denison University); Education

Susan Gail Keatner, BreezEVille; B.S.; Education

Karen Sue Payne, Rochester, N. Y.; B.A. (Boston College); Psychology

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John Kelly Lear, Streetsboro; B.A.; Education

Vietnam

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Dorothy Rebecca Link, Columbus; A.B. (Morehead State University); Education

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Abir Kunaur Mullick, New Delhi, India; (National Institute of Design); Industrial Design

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Janet Louise Oliver, Cincinnati; A.B. (Indiana University); Political Science

Vicky Lorraine Ottman, Groveport; B.A. (Marketta College); Education

Billette DuVail Owens, Atlanta, Ga.; (Clark College); Physical Education

Larry Steven Paarlberg, West Lafayette, Ind.; B.A. History (Purdue University); Interdisciplinary: Architectural Studies

John Richard Pannabecker, Columbus; B.A. (Mount Union College); Education

Dong-Sook Park, Seoul, Korea; B.A. (Ewha Woman University); Communication

Eulene Park, Seoul, Korea; B.A. (Ewha Woman University); Communication

Andrew Lewis Patterson, Circleville; B.A. (Ashland College); Education

Chio Cathryn Pantaleo, Gettysburg, Pa.; B.A. (Hard College); History

Karen Sue Payne, Rochester, N. Y.; B.A. (Boston College); Psychology
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<th>Name</th>
<th>Degree</th>
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<td>Diane D. Perrin</td>
<td>B.S.; Physical Education</td>
<td>Cleveland</td>
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<td>Ariane Stephen Perry</td>
<td>West Milton; B.A. (Wright State University); Geography</td>
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<td>Janice-Marie McDonald Phillips</td>
<td>Jamestown, N.Y.; B.A. (Wittenberg University); Romance Languages and Literatures</td>
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<td>Ronald Brian Phillips</td>
<td>Cedarville; B.A. (Cedarville College); Journalism</td>
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<td>Carolyn Elaine Philpott</td>
<td>Worthington; B.S.Ed. (Miami University); Anthropology</td>
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<td>Lawrence Edward Pietratt</td>
<td>Westerville; B.S.; Education</td>
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<td>David Pilgrim</td>
<td>Mobile, Ala.; B.A. (Jarnvis Christian College); Sociology</td>
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<td>Brian Douglas Plamondon</td>
<td>McLean, Va.; B.S. (Virginia Commonwealth University); Psychology</td>
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<td>William David Porterfield</td>
<td>Timberlake; N.C.; B.A. (University of North Carolina at Chapel Hill); History</td>
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<td>Cheryl Lynne Powers</td>
<td>Columbus; B.A. (Ohio University); Political Science</td>
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<td>Brian Thomas Quinn</td>
<td>Buffalo, N.Y.; (University of Florida); Comparative Literature; East European Languages and Literatures</td>
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<td>Cynthia Ann Raines</td>
<td>Columbus; B.A.; Education</td>
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<td>Margaret Jean Rau-ch</td>
<td>Columbus; B.A. (Ohio University); History</td>
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<td>Charles Richard Ray</td>
<td>Hilliard; B.S.Ed.; Education</td>
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<td>Byron Marvin Richard</td>
<td>Toledo; B.A.; Dance</td>
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<td>Linda Marie Rizer</td>
<td>Dayton; B.A. (George Mason University); Education</td>
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<td>Ann M. Rinehart</td>
<td>Lexington; B.S.Bus.Adm.; M.B.A. (George Mason University); Education</td>
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<td>Anne Franklin Roberts</td>
<td>Belpre; B.S.H.E.; Education</td>
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<td>Charles Jarrel Robertson</td>
<td>Las Vegas, Nev.; B.A. (University of Utah); Education</td>
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<td>Janice Lee Roehl</td>
<td>Montpelier; B.S.Ed.; Education</td>
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<td>Kathleen Jo Romano</td>
<td>Mansfield; B.S. (Miami University); Education</td>
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<td>Don Harris Rosenblum</td>
<td>Silver Spring, Md.; B.A. (University of Maryland—College Park); Education</td>
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<td>Nina F. Rodovits</td>
<td>Columbus; B.S.Bus.Adm.; Business Administration</td>
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<td>Eric Walter Rohdenbucker</td>
<td>Worthington; B.A.; Communication</td>
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<td>Ann Maria Rotondi</td>
<td>Ardmore, Pa.; B.S.; Education</td>
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<td>Jing-Tzyi Delphine Ruyi</td>
<td>Taipei, R.O.C.; (National Taiwan University); Economics</td>
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<td>Beverly Kihlen Ruff</td>
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<td>Robert Gordon Ruiska</td>
<td>Mansfield; B.S.Ed.; Education</td>
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<td>Sandra Anne Carkin</td>
<td>St. Martin, Groton, Mass.; B.A. (Iowa State University); Anthropology</td>
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<td>Harlan Michael Sanders</td>
<td>Dayton; B.F.A.; Art Education</td>
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<td>Yasuhisa Sawada</td>
<td>Nishinomiya, Japan; B.E. (University of Tokyo); Education</td>
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<td>Donna Jean Schellhammer</td>
<td>Columbus; B.A. (Clarion State College); Education</td>
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<td>Gretchen Leslie Scheu</td>
<td>Bay Village; B.A.; Education</td>
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<td>Dawn Ellen Schrader</td>
<td>Cincinnati; B.A. (Miami University); Education</td>
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<td>Dawn Elaine Schwind</td>
<td>Cincinnati; B.S. (Denison University); Communication</td>
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<td>Christine Ann Soodari</td>
<td>Rockville, Md.; B.A. (University of Maryland); Communication</td>
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<td>David John Scott</td>
<td>Plain City; B.S.Ag.; Education</td>
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<td>Thomas Edward Seggie</td>
<td>Westlake; B.A. (Centre College); English</td>
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<td>Mona Ann Scrota</td>
<td>Chattanooga, Tenn.; Communication</td>
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<td>William Irving Shade</td>
<td>Columbus; B.Art Ed.; Social Studies</td>
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<td>Mark Clifford Shelberg</td>
<td>Buffalo, N.Y.; B.A. (State University of New York at Buffalo); Geography</td>
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<td>Kay Ellen Shiflet</td>
<td>Columbus; B.S.Ed.; Education</td>
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<td>Mary T. Sidman</td>
<td>Worthington; B.A. (Notre Dame College for Women); Education</td>
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<td>Debra Lin Singer</td>
<td>Columbus; B.S.; Industrial Design</td>
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<td>David Barry Strall</td>
<td>Columbus; B.A. (Ohio University); Education</td>
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<td>Douglas Edward Smith</td>
<td>Zanesville; B.S. (Wilmington College); Physical Education</td>
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<td>Lynn Anthony Smith</td>
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<td>Mary Margaret Snow</td>
<td>Parrus; B.S. (Stevensville University); Education</td>
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<td>Gary D. Sousa</td>
<td>Weston, Conn.; B.Music (The University of Rhode Island); Music</td>
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<td>Donna Lynn Stark</td>
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<td>Deborah Hanshaw Steiner</td>
<td>Columbus; B.S. (Lebanon Valley College); Journalism</td>
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<td>David Lawrence Stevenson</td>
<td>Columbus; B.A.; Public Administration</td>
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<td>Ronnie Stewart</td>
<td>Mobile, Ala.; B.S. (Tuskegee Institute); Sociology</td>
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<td>Robert William Stoll</td>
<td>Columbus; B.A. (Marietta College); Physical Education</td>
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<td>Garry Brooks Stone</td>
<td>Cambridge; B.S. (Bowling Green State University); Economics</td>
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<td>Mary Frances Stone</td>
<td>Delaware; B.S. (Indiana University of Pennsylvania); Communication</td>
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<td>Donald Larry Stredney</td>
<td>Ashsbula; B.A.; Education</td>
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<td>Kathy Jean Sutball</td>
<td>Angola, N.Y.; B.M. (State University of New York at Fredonia); Education</td>
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<td>James David Swartz</td>
<td>Columbus; B.A. (Kent State University); Education</td>
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<td>Robert Hene Sweet</td>
<td>Madison, Wis.; B.S. (University of Wisconsin—Madison); Education</td>
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<td>Gerard Joseph Tankovich</td>
<td>Columbus; R.S.Ed.; Education</td>
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<td>Toledo; B.A. (University of Toledo); Education</td>
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<td>Robin Harris Taylor</td>
<td>Columbus; B.A.; English</td>
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<td>Diane Jane Tedich</td>
<td>Bath; B.A. (Kent State University); Education</td>
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<td>Timothy Lee Thickston</td>
<td>Columbus; B.S.Ed.; Education</td>
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<td>Richard J. Thoden</td>
<td>Dublin; B.A. (University of Virginia); Public Administration</td>
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<td>Jeffrey Crawford Thomas</td>
<td>Penfield, N.Y.; B.A.; English</td>
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<td>Randy Palmer Tolley</td>
<td>Columbus; B.S. (Kent State University); Communication</td>
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<td>Karen Lee Tura</td>
<td>Cleveland; B.S.Ed.; Education</td>
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<td>Marlene Elizabeth Turner</td>
<td>Wilmington, Del.; B.A., B.S. (University of Delaware); Dance</td>
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<td>Kathleen Susan Vaughs</td>
<td>Cincinnati; B.S.; Education</td>
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<td>Linda Marie Von Horne</td>
<td>Ho-Ho-Kus, N.J.; B.A. (State University of New York at Binghamton); German</td>
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<td>Kuo-Liang Wang</td>
<td>Taian, R.O.C.; B.L. (National Chenghi University); Economics</td>
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<td>James Walter Warbuda</td>
<td>Amherst; B.A. (Ohio Northern University); Political Science</td>
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<td>Kazuhiro Watanabe</td>
<td>Tokyo, Japan; B.S.; Business Administration</td>
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<td>Kazuhiro Watanabe</td>
<td>Tokyo, Japan; B.S.; Economics</td>
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</table>
Royal Charles Webster, St. Louis, Mo.; B.S. (Michigan State University); Geography

Gabriele Wallunga Weinberger, Passau, West Germany; Zwischenprüfung, Staatsexamen (Universität Regensburg); Geography

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Mary Havens Niee, Marengo; B.F.A.; Art

Catherine Ann Nix, Owenton, Ky.; B.S. (Murray State University); Theatre

Jack A. Shiver, Hampton, Va.; B.F.A. (Jacksonville University); Art

Lynd Neonta Smith, Scottsdale, Ariz.; B.F.A. (Arizona State University); Art

Deborah Lee Trudaway, Dayton; B.F.A. (Wright State University); Art

Nancy Rick Vanges, Galion; B.F.A.; 1st

Diane Elaine Wondisford, Boardman; B.A. (Mount Union College); Theatre

Master of Health Administration

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Michael Trevor McGovern, Maple Heights; B.A. (Ohio Wesleyan University); Allied Medical Professions

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Nancy Grove Nichols, Flint, Mich.; B.A. (University of Michigan); Allied Medical Professions

Roger Neil Olenauf, Columbus; B.S.; Allied Medical Professions

Gregory George Repetti, Akron; B.S. (Yale University); Allied Medical Professions

Howard E. Rohleder, Garden City, Mich.; B.A. (Albion College); Allied Medical Professions
Master of Labor and Human Resources

Susanne Michele Collins, Chicago, Ill.; B.A. (University of Michigan); Labor and Human Resources

Thomas M. Dunlap, Clinton; A.B. (Miami University); Labor and Human Resources

Paul Nelson Feinauer, Cincinnati; Labor and Human Resources

Joyce Ann Jacobson, Columbus; B.A. (University of Michigan); Labor and Human Resources

Glenn Joyce Ann Jacobson, Columbus; B.A. (Miami University); Allied Medical Professions

Mark Henry Shutter, Portsmouth; B.S. Nurs.; Allied Medical Professions

Beth Ann Spatz, Saline, Mich.; A.B. (University of Michigan); Allied Medical Professions

Master of Music

James Milton Akins, Savannah, Ga.; B.Mus.; Music

Lori Mae Akins, Lima; B.Mus.Ed.; Music

Jacqueline Sue Barlow, Appleton, Wis.; B.A. (Lawrence University); Music

Lori Jo Borden, Dubois, Pa.; B. Music (Pennsylvania State University); Music

John Dexter Leggett, Jessup, Ga.; B.Mus.Ed. (Florida State University); Music

John Eugene Mathias, Lancaster; B.A. (Ashbury College); Music

Linda Sue Nolan, Dublin; B.Mus.; Music

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Master of Public Administration

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Brian D. Galloway, Columbus; B.A.; Public Administration

Penelope Anne Goggin, Oxford; B.S. (Indiana University); Public Administration

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Adoré Flynn Kurts, Westerville; B.A. (College of New Rochelle); Public Administration

Raymond Grady Lyons, Columbus; B.A. (University of Akron); Public Administration

John Bowman Lyter, Columbus; B.S.Ed. (Miami University); Public Administration

Dale Robert McArdo, B.A.; Public Administration

Russell Ryan Nelson, Harrisonburg, Va.; B.S. (Llames Madison University); Public Administration

Susan Elizabeth Palagyi, Elyria; B.A. (Capital University); Public Administration

Valerie Linette Perry, Hertford, N.C.; B.A. (Fayetteville State University); Public Administration

Ellen Ruth Rehmot, Columbus; B.A.; Public Administration

Paul E. Schreur, Westerville; B.A. (Calvin College); M.S.W. (University of Michigan); Public Administration

Daria Shams, Columbus; B.S. (Franklin University); Public Administration

John Joseph Shook, Pittsburgh, Pa.; B.S. (The Pennsylvania State University); Public Administration

Ching-Ching Tang; Bachelor of Law (National Taiwan University); Public Administration

Susan L. Tavakolian, Granville; B.A. (University of California at Los Angeles); Ph.D. (University of Massachusetts); Public Administration

Wayne Matthew Tarnage, Richmond, Va.; (North Carolina Agricultural and Technical State University); Public Administration

Judith Ann Zinmon, Newton Falls; B.A. (Kent State University); Public Administration

Master of Science

Michael John Adams, Omaha, Neb.; B.S. (University of Nebraska—Lincoln); Mathematics

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Ali Al-Ghobani, Etcheh, Syria; B.S. (Allocco University); Civil Engineering

Baha M. Aitkuzwany, Hillus, Iraq; B.S. (University of Baghdad); Statistics

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Mebdi Assadian, Tehran, Iran; B.S.E.E. (Iowa State University); Electrical Engineering

Jahangir Baha, Columbus; (The National University of Iran); Natural Resources

Roger Fredrick Hackhus, Cincinnati; B.S. (University of Cincinnati); Electrical Engineering
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<tr>
<th>Name</th>
<th>Location</th>
<th>Field</th>
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<td>Michael Arthur Banks</td>
<td>Springboro</td>
<td>B.A.</td>
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<tr>
<td>(Wittenberg University)</td>
<td>Chemistry</td>
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<td>Melody Sue Bartoe</td>
<td>Columbus</td>
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<td>Home Economics</td>
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<td>S. Bashar, Trichy, India</td>
<td>B.S. (Annamalai University)</td>
<td>Biomedical Engineering</td>
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<td>M.I.T. (Madras Institute of Technology)</td>
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<td>John Savage Bath</td>
<td>Columbus</td>
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<td>Thomas Wilson Bostie</td>
<td>Bowling Green</td>
<td>B.A. (Wittenberg University)</td>
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<td>Graham Mustafa Behlim</td>
<td>Bombay, India</td>
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<td>Abdulrahim A. Beram</td>
<td>Tripoli, Libya</td>
<td>B.A. (Wittenberg University)</td>
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<td>Michael Arthur Banks</td>
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<td>Chemistry</td>
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<td>Brett Craver Borgenso</td>
<td>Bay Village, PA</td>
<td>B.A. (Ohio Wesleyan University)</td>
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<td>Jeffrey Albert Borenset</td>
<td>Norwich, Conn.</td>
<td>B.S. (University of Connecticut)</td>
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<td>James Norman Boyer</td>
<td>Tyrone, Pa.</td>
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<td>Eric Bright</td>
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<td>B.S.Cer. E.</td>
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<tr>
<td>Ceramic Engineering</td>
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<td>Thomas Jeffrey Brockman</td>
<td>North Olmsted</td>
<td>B.S. (University of Cincinnati)</td>
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<td>John Brian Burgdoff</td>
<td>Houston, Tex.</td>
<td>B.S. (Texas Agricultural and Mechanical University)</td>
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<td>Bruce Douglas Burns</td>
<td>Bellville, B.A.</td>
<td>B.S. (Miami University)</td>
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<td>Jerry Chan</td>
<td>Montreal, Canada</td>
<td>B.S. (McGill University)</td>
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<td>Chien-Chun Chang</td>
<td>Taipei, R.O.C.</td>
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<td>Yung-Si Amelia Chang</td>
<td>Taichung, R.O.C.</td>
<td>B.S. (Fu-Jen University)</td>
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<td>Yung-Cheng Timothy Chen</td>
<td>Columbus, B.S. (National Chiao Tung University)</td>
<td>Computer and Information Science</td>
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<td>Philip Hopok Cheng</td>
<td>Hong Kong</td>
<td>B.S.C.E., M.S.; Mechanical Engineering</td>
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<td>Yet Chu Cheng</td>
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<td>George Michael Chioran</td>
<td>Solon</td>
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<td>Bradley Dean Glymer</td>
<td>Findlay</td>
<td>B.S.E.E.</td>
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<td>Russell Andrew Cohen</td>
<td>Rochester, N.Y.</td>
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<td>Ann Ivers Cook</td>
<td>Delaware</td>
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<td>Thomas Gerald Corruthers</td>
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<td>B.S. (Tuskegee Institute College)</td>
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<td>Thomas Daniel Costello</td>
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<td>B.S.A.A.E.; Aeronautical and Astronautical Engineering</td>
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<td>Gail Ann Crosier</td>
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<td>Philip Arvis Dalton</td>
<td>Strongsville</td>
<td>B.S.Ch.E.; Chemical Engineering</td>
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<td>Rebecca Lynne Darnell</td>
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<td>Michael Joseph Dillman</td>
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<td>Terry Lee Dixon</td>
<td>Waverly</td>
<td>B.S.; Animal Science</td>
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<td>Central Florida, Ky.</td>
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<td>Randall Nicholas Ibbington</td>
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<td>B.S.E.E.; Computer and Information Science</td>
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<td>Dallas Daniel Dupré</td>
<td>Columbus</td>
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<td>Hassan M. A. E.</td>
<td>Sebha, Libya</td>
<td>B.S. (Cairo University)</td>
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<td>Cynthia Ann Everitt</td>
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<td>Randy Mark Feldman</td>
<td>Toledo</td>
<td>B.A., D.D.S.; Dentistry</td>
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<td>Dana Lee Fertig</td>
<td>Cincinnati</td>
<td>B.A. (Wittenberg University)</td>
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</tbody>
</table>

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Karen Sue Flanagan, Columbus; B.S.; Allied Medical Profession
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Yee-Shang Jenq, Taiwan, R.O.C.; B.S. (National Taiwan University); Civil Engineering
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Jeanette A. Jones, Columbus; B.S. (Capital University); Nursing
Laurie Beth Joseph, Columbus; B.S. (George Washington University); Pathology
Ruth E. Juhlch, Columbus; B.S. (Bethany College); Computer and Information Science
Russell Ivan Kacir, Cleveland; (Cleveland State University); Electrical Engineering
Chandru Motiram Kairo, Madras, India; B.Tech. (Indian Institute of Technology); Engineering Mechanics
Sanjeeva M. Kanth, South Charleston, W. Va.; B.Tech. (Osmania University); Chemical Engineering
Abdelhakim Kasma, Chelghoum, Algeria; B.S. (Cairo University); Biomedical Engineering
Behrouz Kawarizadeh, Kermanbshah, Iran; B.S.E.E. (California State University at Fresno); Electrical Engineering
Gregory Andrew Kessel, Gary, Ind.; B.S. (Purdue University); M.S. (Virginia Polytechnic Institute and State University); Agricultural Economics and Rural Sociology
Vahid Keyhani, Columbus; B.S. (Tri-State University); Mechanical Engineering
David Robert Kiehl, San Diego, Calif.; B.A. (University of California, San Diego); Physics
Hyangki Kim, Seoul, Republic of Korea; B.S. (Seoul National University); Home Economics
Myung Hwan Kim, Seoul, Korea; B.S. (Seoul National University); Mathematics
Robert C. Knarr, Fairborn; B.S. (United States Air Force Academy); Aeronautical and Astronautical Engineering
William Lewis Kochenour, II, Canfield; B.S. (Bowling Green State University); D.D.S. (Case Western Reserve University); Dentistry
Dale Michael Koer, Columbus; O.D.; Physiological Optics
Craig Louis Kosuth, Berea; B.S.E.E.; Civil Engineering
Dennis James Kountz, Apple Creek; A.B. (Wittenberg University); Chemistry
Fullin Kew, Taipeh, R.O.C.; B.S. (National Taiwan University); Civil Engineering
Casey Daniel Kuhl, Niles; B.E. (Youngstown State University); Electrical Engineering
Chi-Yen Lai, Taipei, R.O.C.; B.S. (National Taiwan University); Mathematics
Chun-Yueh Lai, Hong Kong; B.S. (Northwestern University); Electrical Engineering
Sen Tsung Philip Lan, Taipei, R.O.C.; B.S. (National Cheng Kung University); Civil Engineering
Barry Kenneth Lavine, Philadelphia, Pa.; B.S. (Temple University); Chemistry
Ling-Shine Jane Lee, Upper Sandusky; B.S. (National Taiwan University); M.S. (University of Notre Dame); Metallurgical Engineering

Abdulaziz B. Leqhour, Tripoli, Libya; B.D.S. (Cairo University); Dentistry

Hong-Yuh Lin, Taipei, R.O.C.; B.S.M.E. (Tung Institute of Technology); Mechanical Engineering

Ming-Chyi Lin, Taiwan, R.O.C.; B.E. (National Chiou-Tung University); Electrical Engineering

Kent Ernest Logan, Mount Gilead; B.S. Agr.; Agricultural Engineering

Karen Lynn Longo, Springford; B.A. (Wittenberg University); Animal Science

Marcus Edward Lower, Mount Sterling; B.S. Agr.; Agricultural Economics and Rural Sociology

Sharon Mazell Lynch, Washington, D.C.; B.S. (Howard University); Computer and Information Science

Della J. Macklin, Columbus; B.S.; Computer and Information Science

Ravindra K. Maharjan, New Delhi, India; B.Sc. (Delhi University); Civil Engineering

Eva Allen Martin, Columbus; B.S. (Spellman College); B.E.E. (Georgia Institute of Technology); Computer and Information Science

Deborah Marie Graybowksi Marek, Seven Hills; B.S.Ch.E.; Chemical Engineering

Suellen McBurney, Ashland; B.S. Nutrition; Home Economics

Thomas J. Meade, Rochester, N.Y.; B.S. (Arizona State University); Chemistry

Mario Miguel Mendota, San Francisco, Calif.; B.S. (University of Tulsa); D.D.S. (University of Oklahoma); Dentistry

Teresa Marie Mensing, Rochester, N.Y.; B.A. (State University of New York at Geneseo); Geology and Geosciences

Anne C. Mickalavage, Ashland, Pa.; B.S. (The Pennsylvania State University); Civil Engineering

Dennis James Morisak, Wadsworth; B.S. (University of Akron); Entomology

Karim Joseph Mourad, Brunswick; Mathematics

Barbara Faye Murphy, Kettering; B.S., M.A. (Wright State University); Nursing

Najee Michel Nahass, Zahle, Lebanon; B.S. (University of Southwestern Louisiana); Electrical Engineering

Linda Natali, Columbus; B.S.; Food Science and Nutrition

Quoc Hung Ngu, Seattle, Wash.; B.S. (University of Washington); Pharmacy

Mahfiz Bin Omar, Kuala Lumpur, Malaysia; B.Sc. (Painele College of Technology); Civil Engineering

Stephen Matthew Outlette, Waterville, Me.; B.S. (Massachusetts College of Pharmacy); Pharmacy

Robert Joseph Pakyna, Greenfield Park, Canada; B.Eng. (McGill University); Electrical Engineering

Thomas Ward Parker, Cincinnati; B.S.M.E.; Mechanical Engineering

Myrna Burgos Pepino, Butuan City, Philippines; B.S.; M.S. (University of the Philippines); Home Economics

Raymond Allan Peters, Stow; B.S. Agr.; Agricultural Engineering

Ta-Hwe Ping, Taipei, R.O.C.; B.S. (Chung Yuan University); Civil Engineering

John W. Rafalowski, Canton; B.S. (Bowling Green State University); Geology and Mineralogy

Yun Rai, Tou-Liu Chiao, Taipei Town, R.O.C.; (National Taiwan Institute of Technology); Electrical Engineering

Devaraj Ramareddy, Bangalore, India; B.E. (R. Vidyashala College of Engineering); Civil Engineering

David Lee Rosee, Mt. Cory; B.S. Agr.; Agricultural Education

Walter Timothy Rhodus, Columbus; B.S. (Bowling Green State University); Agricultural Economics and Rural Sociology

Eric Alan Ribble, Beverly; B.S.; Electrical Engineering

Judith Carol Ridgway, East Liverpool; B.S. (University of Michigan); Zoology

Steve Chet Rinchart, Columbus; B.S.; Computer and Information Science

Michael Aaron Rosen, Alliance; B.S.; Geology and Mineralogy

Audrey Ann Rush, Columbus; B.S.; Zoology

Joseph John Rushanan, Bedford; Mathematics

Fadel Sadaqa, Nabe, Syria; B.S. (Damascus University); Pharmacy

Gabriel David Saen, Chihuahua, Mexico; B.S. (Autonomous University of Chihuahua); Civil Engineering

Hamed A. Said, Sebha, Libya; B.Sc. (Elfatab University); Electrical Engineering

Dennis Warren Schmidt, Woods Hole, Mass.; B.S. (University of Cincinnati); Computer and Information Science

Martin Allen Schmidt, Columbus; B.S.; Geology and Mineralogy

Michael Lee Schneider, Worthington; B.S.C.E.; Civil Engineering

David Albert Seitz, Marysville; B.S.Ed.; Horticulture

Nancy Marie Sergi-Gott, Columbus; B.S. (Tufts University); Natural Resources

Barry Allen Shaffer; B.S. (The Pennsylvania State University); Computer and Information Science

Shanta Man Shakya, Kathmandu, Nepal; B.Sc. (Panitngar University); Horticulture

Ram Chandra Sharma, Bhamarpura, Nepal; B.S. (Punjab Agricultural University); Agronomy

Frederick John Sharp, Jr., Toledo; B.S.Food Sc.; Food Science and Nutrition

Karen Renee Sharp, Memphis, Tenn.; B.S. (Tennessee State University); Mathematics

Weibeng Shui; B.S. (Cheng-Kung University); Civil Engineering

Yih-Chyun Shu, Taipei, R.O.C.; B.S. (National Central University); Engineering Mechanics

Brenda Jean Shields, Erie, Pa.; B.S. (Pennsylvania State University); Zoology

Joseph Warren Shively, Bellefontaine; (University of Dayton); D.D.S.; Dentistry

Kalesh Shukla, Lucknow, India; B.S., M.S. (University of Allahabad); Statistics

Nicholas Anton Sisco, Hudson; B.S.E.E. (Ohio University); Electrical Engineering

David A. Smeenk, Columbus; B.S. (Drake University); Pharmacy

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Robert C. Smith, Dublin; B.S., D.V.M.; Veterinary Preventive Medicine

Albert Christopher Snyder, Columbus; O.D.; Optical Optics

Nagesh Sonti, Hyderabad, India; B.Eng. (University of Madras); Welding Engineering

Robert Wayne Spangler, Bowlingburg; B.S. Agr. E.; Agricultural Engineering

Eric Glenn Stocker, Worthington; O.D.; Pharmaceutical Optics

Kamal Sulaiman Tawfiqu; B.S. (Ain Shams University); Civil Engineering

Bernadine Rose Thorn, Columbus; B.S. E.E.; Home Economics

Raymond Lee Tope, Range; B.S. Agr.; Agricultural Education

Scott Bruce Tribus, Akron; B.S.; Home Economics

Wuh-Tyan Tsay, Columbus; B.S. (National Tsing-Hua University); M.S.; Industrial and Systems Engineering

Karen William Valek, Garfield Heights; B.S. (Bowling Green State University); Geology

Vincent Joseph Vuchnich, Columbus; B.M.E. (Cleveland State University); Mechanical Engineering

Walter Shields Vuchnich, Columbus; B.A. (Lawrence University); M.S. (Miami University); B.D.S. (Case Western Reserve University); Dentistry

Jean Michele Wabeschall, North Canton; B.S. Nurs.; Nursing

Jean Daniels Waddell, Springfield; B.S.; Anatomy

Kenneth James Walcott, Centerville; B.S.E.E.; Electrical Engineering

Geo-Way Wang, Taiwan, R.O.C.; Ph.D. (National Tsing Hua University); Electrical Engineering

Ying-Tsai Wang, Panchiao, R.O.C.; B.S. (National Taiwan University); Chemical Engineering

Eric Arthur Warren, Cudville; B.S. (South Dakota School of Mines and Technology); Chemical Engineering

Robert Woodshell Weaver, San Diego, Calif.; B.S. (California Institute of Technology); Mathematics

Robert Joseph Weber, Fairview Park; B.S. Psych.; Pharmacology

Donald Lee White, Enon; B.S.; Mathematics

Mark Allen Wigrizzling, Whitehall; B.S.C.E.; Civil Engineering

Virginia Sue Wilson, Columbus; Honor Ecuonomics

Daniel Scott Woldford, Columbus; B.S.; Natural Resources

Paul Charles Wood, Columbus; B.S.; Statistics

Barbara Ann Woodridge, Columbus; B.S.; Natural Resources

Samuel Alan Wontner, Columbus; B.A. (Muskingum College); Computer and Information Science

Fu-Hsiang Wu, Taibei, Taiwan, R.O.C.; B.S. (Chung-Cheng Institute of Technology); Civil Engineering

Lei Wu, Taipei, R.O.C.; B.S. (University of Chinese Culture); Civil Engineering

Jenn-Hwa Yu, Taipei, R.O.C.; B.S. (National Central University); Mathematics

Chengzhi Zhang, Wuhan, P.R.C.; (Wuhan College of Geology, Photogrammetry and Cartography) Geodetic Science

Master of Social Work

Ellen K. Archer, Buffalo, N.Y.; B.A. (State University of New York at Oswego); Social Work

Mary Kristine Arnell, Glenwood, Ill.; B.A. (Wheelon College); Social Work

Sharon Marie Arnett; B.A. (Ohio University); Social Work

Robert James Arnold, Columbus; B.S. (State University of New York at Utica-Rome); Social Work

Janice Abraham Bailey, Columbus; (Capital University); Social Work

Shelley M. Baldwin; B.S.W. (Ohio University); M.A.; Social Work

Elaine Carol Baron, Columbus; B.A. (Villa Maria College); Social Work

Emily Claudia Bart, Cincinnati; B.A.; Social Work

Sara Barwinski, Cleveland Heights; B.A. (Wartburg College); Social Work

Ellen I. Bentz, New Riegel; B.A. (Bowling Green State University); Social Work

Kathy Lynn Bird-Roberts, Columbus; B.A.; Social Work

Bruce Homer Boggs, Columbus; B.S.Ed.; Social Work

Indore Bowers, Jr., Reddick, Fla.; B.S.W. (Florida Agricultural and Mechanical University); Social Work

Mary J. Brett; (Kent State University); Social Work

Byron Duane Brown, Columbus; B.B.Soc.Wel.; Social Work

Frances Whitfield Brown, Clarksville, Tenn.; Austin Peay State University); Social Work

Richard Allan Brannon, Toledo; B.A. (Indiana University); Social Work

Pissilia Faye Bullo, Hamilton; B.A. (Miami University); Social Work

Rosalind Yolanda Burks, Cleveland; B.S. (Alabama Agricultural and Mechanical University); Social Work

Floyd Eric Busch, Mount Gilead; B.S.; Social Work

Lori Jeanne B. G. Troy; B.A. (Cedarville College); Social Work

Edward Robert (Canda, Broadview Heights; B.A. (Kent State University); M.A.; (University of Denver); Social Work

Carol A. Carter; B.A. (University of Arkansas); Social Work

Georgia A. Cassidy, Columbus; B.A. (University of Western Florida); Social Work

David Man-Yiu Chan, Hong Kong; B.A. (Autsa Pacific University); Social Work

Theresa Ann Channer, B.S.Soc.Wel.; Social Work

Kim-Fong Monit Cheung, Hong Kong; B.A. (Hong Kong Baptist College); M.A.

Barbara Cienfuegos; (California State University at Long Beach); Social Work

Velma Grace Cole, Ashville; B.A. (Coe College); Social Work

Karen Kay Collins, Streetsboro; A.B. (Hilldale College); Social Work

Lorna Ann Coury, Fall River, Mass.; B.F.A. (Swain School of Design); Social Work

Marcia Behle Daneman; B.S. (Simmons College); M.A.; Social Work

Jennifer Lou Davis, Warren; (Denison University); Social Work

Suan Minnow Engman, Columbus; (University of Colorado); Social Work

Judith E. Fisher, Columbus; B.S.; Social Work

Carolyn Loretta Gallimore, Fort Lauderdale, Fla.; B.A. (Cheyney State College); Social Work
Bachelor of Fine Arts
Vicky Lynn Albright, Lima
Bryant M. Baker, Columbus
Amy S. Baldridge, Columbus
Jeffrey Bruce Barrow, Columbus
Roberta Neil Boston, Columbus
Jennifer Baum, Columbus
Nancy Jane Breuleux, Columbus
Eugene Olin Castle, Columbus
Bonnie Sue Coen, Wooster
Dennis Peter Deoras, Toledo
Jay Stephen Elliott, Worthington
Vivian Lynn Gill, Ashburtba
Beth Benik Goodwin, San Francisco, Calif.
David Allen Harter, Canton
Lauren Evan Helfand, Highland Park, Ill.
Mary E. Hendrick, Columbus
Karinna Denise Jeffries, Columbus
Elizabeth Brandon John, Powell
Pepper Donna Johnson, Columbus
George William Kiel, Alliance
Lisa Ann Kinsey, Mansfield
Deborah Joy Kraus, Cincinnati
Jan Lee Luchini, Bethel Park, Pa.
Georgianne Olive, Savannah, Ga.
Lori Kay Roberts, Toledo
Stephen Roka, II, Columbus
Janne Ann Rontchi, Columbus
Alice Marie Slade, Columbus
Kenneth David Sonkin, Shaker Heights
Lisa Marie Steichschulte, Columbus
Debra Ann Strever, Columbus
Karen Elizabeth Stokes, Houston, Tex.
Karen Lee Tradler, Canfield
Dorothea Marie Ulh, Akron
Elizabeth Ann Weir, Chicago, Ill.

Bachelor of Music
Gregory Thomas Benson, Columbus
Leslie Jeanne Braidech, South Euclid
Joan Elizabeth Crumpier, Sidney
Robert Eric Firestone, Worthington
Lisa Joanne Hansong, Columbus
William Stephen Hayes, Cincinnati
Valerie Jackson, Galion
Deborah Ann Lindner, Bexley
Susan Lynn Sundvall, Strongsville
Kevin Thomas Teresi, Groveport
Constance D. Tsdainais, Lyndhurst

Bachelor of Art Education
Elizabeth Ann McCrea, New Philadelphia

Bachelor of Art Education
Carol Ann Clifford, Grove City
Jan Marie Deal, Ashville
Colleen Marie Durbin, Worthington
Karen Jean Klabunde, Columbus
Deborah Hash Lyon, Columbus
Rosemary Theresa Oliver, Corona
Denise Marie Parker, Columbus
Kathy Suzanne Rich, Belffonteine
Cheryl Lynn Robinson, Galena
Mary Rita Timmerner, Fort Recovery
Cynthia Annis Viight, Columbus
Tracey Edward Vincent, Grove City
Kelly Vorhes Wallace, Columbus
Tatsuma Jo Yoshida, Gallion
Susan Wiedemann, Marion
Kathryn Denise Willard, Enon

Bachelor of Music Education
Paul Brent Abramson, Cleveland Heights
Susanne Jean Andes, Columbus
William Irvin Bauer, Wadsworth
James Lee Brand, Bedford Heights
George Gregory Brintlinger, Columbus
Rickard Paul Bueter, Dublin
Camuel Lee Cress, North Olmsted
Steven James Edman, Circleville
Catherine Ann Faenmeyer, Marion
Thomas Robert Griffin, Columbus
Russellen Kathryn Gruboske, Columbus
Thomas Gordon Holliday, Minerva
Laura Ellen Houwer, Powell
John Marvin Huffman, Jr., Sylvania
Valerie Denise Jackson, Gahanna
Katherine Louise Jurczek, Columbus
Terrence Michael Lewis, Columbus
Laurie Elaine Markle, Columbus
Keith Edwin Matthias, Pataskala
Martin William Mielke, Valley City
Dale Frank Narrowick, Reynoldsburg
Melinda Marie Penrod, Columbus
Carol Jean Poling, Lancaster
David James Redman, Huntsville
Susanne Kay Skinner, Athens
Susan Jean Steiner, Piqua
Robert Glenn Tucker, Chili
Christopher John Veneville, Middleburg Heights
Matthew Thomas Wagner, North Canton
Nancy Rittenthal Wehrkamp, Columbus
Carl Edward Wiser, Wapakoneta

Bachelor of Science in Audio Recording
Lisa Kaye Dale, Columbus
Russell Ivan Kacir, Cleveland
Scott Alan LeHoty, North Royalton
Dawn Michelle Taylor, Xenia

Bachelor of Science in Industrial Design
LaDonna L. Adams, Circleville
Brian Craig Bahner, Columbus
Scott Madison Belliveau, Reynoldsburg
Bruce Gerhard Bruggeman, Toledo
Anthony Scott Biggs, Ironton
Pamela Lee Campbell, Mansfield
Thomas Alan Chantier, Medina
Jeffrey Revelt Creamer, Bay Village
Julie Marie Criscione, Parma
Stacy Lynn Davidson, Pemberville
Thomas G. Faist, Columbus
Jodi Ann Faler, Brunswick
Carlos Rojas Garrido, Caracas, Venezuela
Lisa Ann Geogheg, Lorain
Charles Steven Geraci, IV, Cincinnati
Maurea A. Gillespie, Chatham, N. J.
Maria Luz Gonzalez, Caracas, Venezuela
Anthony Young Guido, New Castle, Pa.
Deborah Susanne Harris, Athens
David Brent Hart, Newcomerstown
Holly Anne Howell, Fayetteville, N. Y.
Robert R. Jensen, Dayton
Kandice Lynne Rain, Findlay
Kevin Edward Keiser, Columbus
Kelly Lynn Knuff, Columbus
James William Lustek, Westlake
Kevin John McGorry, Delaware
Karen Marie Mentz, Ashland
Goldie Pakjet, Galion
Maria Palazi, Oakmont, Pa.
College of Biological Sciences

Dean: Patrick R. Dugan
Bachelors of Arts

Gary Henry DiBlasio, Youngstown
Timothy Eugene Dicke, Lima
Richard Keith Dewhurst, Whitehall
Donna Ann Dobrinski, Middletown
Thomas C. Dubick, New London
Anthony James Easterwood, Cleveland
Leslie Sue Fairbanks, Braden
David Jude Faulkner, Cincinnati
Belinda Fierino, Campbell
Donald E. Frazier, Jr., Columbus
Theo Nicolaides, Columbus, Campbell
Ajit Kumar Gangadharapappa, Chillicothe
Richard Michael Geogheff, Jr., Youngstown
Ellen Mary Gerlak, Lyndhurst
Jeffrey Mark Gibbs, Upper Arlington
Greshen Gibney, Mansfield
Court A. Gleason, Cincinnati
Michael Gary Goldmeier, Columbus
Alfred Granson, Jr., West Jefferson
Amy Beth Gravitis, Pittsford, N. Y.
Thomas Eugene Greene, Hamilton
Sherri Lee Griffin, Englestown, N. J.
Linda L. Gross, Gueysville
Mark Ivan Hackel, Columbus
Mark Joseph Hardy, Salem
Gregory H. Heinrichs, Attica
Cynthia Marie Hoens, Columbus
Jeffrey John Holmen, Stow
John Richard Hurt, West Jefferson
Mark Roger Hurtgen, Bowling Green
Henry Franz Jones, Wooster
Natalie Denise Jones, Dayton
Chris John Kaluris, Middleburg Heights
Patricia Helen Keener, Columbus
David Freed Klein, M. I. Healthy
Diane Kostrzykh, Apalachin, N. Y.
George Raymond Kousaie, Kent
Susan Diane Kramer, Carroll
Patricia R. Kuhn, Circleville
Cynthia L. Kull, Kent
Teresa Ellen Lamb, Cincinnati
Judith Anne Larnia, Hauppauge, N. Y.
Joseph Gerard Leahy, Circleville
Janet Elaine Lewis, Tiffin
Marian A. Lynch, Hilliard
Craig Richard Mahon, Columbus
Steven A. Marsh, Elyria
Ralph Norman Manfred May, Independence
Bernard Francis McCarville, North Olmsted
David Jay McCann, Mount Vernon
David Stanley Medich, Steubenville
Michael R. Melick, Roseville
Michael Anthony Melichak, Warren
Paul Anthony Miggins, Dayton
Janet Elizabeth Miles, Columbus
Matthew Minarick, Fairview Park
Jeffrey Stewart Mitoff, Amherst
Perry David Montos, Youngstown
Edith Lucille Myers, Saint Marys
Pamela Suzanne Neilland, Naperville, I1.
Lynne Nitzberg, Long Island, N. Y.
James Michael O'Leary, Washington, Conn.
Karen Elaine Oder, Mansfield
James Donald Overmeyer, Defiance
Richard Allen Paet, Maumee
John Thomas Pajka, Parma
Candace Lynn Palmer, Columbus
Gina Lou Phelps, Portsmouth
Sabine Petroc Fletcher, Goopingen, West Germany
Dennis Adam Prenaj, Hinckley
Thomas Edward Racine, Columbus
Sally Ann Revering, Cincinnati
David Daniel Richied, Troy
Stephen Charles Romisher, Lyndhurst
Thomas Kostas Sgourakis, Marion
Helene Roussi, Akron
Martha Sajatovic, Willoughby Hills
Timothy Joseph Sauber, Fremont
Drew Allan Gax, Canton
Robert Edward Schulte, Findlay
Randall Scott Schwartz, Cleveland
Tanya Marie Shenk, Lima
Beth Ann Sheridan, Poland
Cynthia Susan Shie, Westlake
Alan Jay Shiley, Dayton
Cynthia Kay Sites, Upper Arlington
John Kevin Slivinski, Northfield
Diana Kay Steed, Parsonsburg
Robert Gestrich Stein, II, Ogden, Ut.
Daryl Robert Sybert, Ravenna
Jason E. Tasch, Cleveland
James Nelson Thacker, Brecksville
Karl G. Themel, Malibu, S. D.
Mulheim a.d. Ruhr, Germany
Glenn Richard Thorson, Centerville
Theo Edward Tranel, Worthington
Donna Elaine Truesdell, Cherry Hill, N. J.
Karen S. Waddell, Dayton
Phyllis Ann Waite, Columbus
David Alan Wallace, Westlake
Scott William Wilcox, Lima
Larry David Williams, Perrysville
Randall Lee Wilson, Columbus
Greg Alan Wise, Columbus
Marisa Diana Wozniak, Rossford
Amy Lynne Wressell, Florence
David Alan Wright, Fraseryburg
Bryan James Zehner, Dayton
Peter Dale Zimmerman, Dayton

College of Humanities

Dean: Diether H. Haenelck
Bachelors of Arts

Patricia Jo Ann Adelman, Columbus
Peter Adelman, Columbus
John Edward Anderson, Worthington
Kelly Cole Anapaua, Wapakoneta
Eileen Bernadette Basinger, Cincinnati
Margaret Ann Bay, Columbus
Fredrick William Bear, Columbus
Christie Lynn Bishop, Columbus
Larry Lanning Black, Perrysville
Martha Brecht, Princeton, N. J.
David Marc Brill, Avon Lake
Douglas Gregg Brinkley, Perrysburg
Joyce Monroe Brubaker, Columbus
Janis Paul Carter, Coshocton
Jill Perry Case, Fairmont, W. Va.
Craig Andrew Casper, Cincinnati
Melanie Ann Chin, Whitehall
Christopher Jon Clay, Sidney
Sara J. Colclash, Columbus
Robert B. Conklin, Boardman
Mark Christopher Cooke, Ironton
Rosa Maria Moreno de Cormacnick, Guatemala, Central America
Lorene Susan Custer, Jeannette, Pa.
"Gerry Stevenson Dickey, Columbus
Karen Jane Dishong, Dealeher
Richard L. Douglass, University Heights
Sue Ann Dowell, Canton
Katrina Lee Dreyer, Columbus
Gary D. Durham, Cincinnati
Emma Marie Eckenrode, Columbus
Deanna Lynn Edgecombe, Westerville
Jeffrey John Eikaks, Columbus
James Robert Eikenberry, Columbus
Jonathan Miles Gabel, Upper Arlington
David P. Gainor, Newark

* To be awarded posthumously
College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Jeffrey A. Babushkin, Bethpage, N. Y.
Evelyn C. Beafoy, New London, Conn.
Michael D. Burkholler, Galion
Paula Carol Chen, Taiwan, R.O.C.
William Daugherty, Columbus
Susan Kalus, Beachwood
Carl Richard Kolaritch, Columbus
Dennis M. LaFayette, Columbus
Dolores Michelle LeRosa, Columbus
Gregory Scott Lloyd, Washington, D.C.
Edward M. McEnery, Baltimore, Md.
Annette Vasso Parker, Columbus
Ann Price, Columbus
M. Kim Ragerstorf, West Manchester, In.
Brian Thomas Taaffe, Columbus
Karen Marie Taggart, Upper Arlington
Brad S. Tolin, Beachwood
Mark Joseph Weiin, Lakewood
Bruce Ecke1bell Wells, Newark

Bachelor of Science

Sharifah Abdul-Hamid, Redinh, Malaysia
Rick Akes, Powell
Dean Thomas Allemand, Columbus
Sherry Asher, Cincinnati
Joseph Michael Bannin, Shadyside
Grant Alan Bickel, Conoy
Steven Edward Bilou, Lima
Samuel Alfred Borchers, Fairborn
Kenneth Arthur Bryan, Columbus
David Brent Brown, Reedsdale
Daniel Edward Byers, Westerville
Dana Eugene Cagle, III, Columbus
Colleen P. Canavan, Lima
Alicia Gutierrez Cepeda, Barrancaquila, Columbia
Mark A. Chambers, Columbus
Eric Martin Cherry, Columbus
Brian Edward Chevrier, Columbus
Christopher Alan Childs, Columbus
Kathleen Marie Cooper, Pataskala
Kim Evon Daniels, Columbus
James Peter Deering, Cleveland
Mariann DiFrank, Toledo
Annette Dearth Dikkenheil, Worthington
Brad Charles Dodrill, Westerville
Ernest George Ehlers, Jr., Grove City
Gregory J. Gallagher, Canfield
Ted Alan Gallagher, Worthington
Katherine J. Gallo, Lisbon
Erin Allison Garman, Cuyahoga Falls
James E. Geitey, Fredericksburg
Robert James Gerdes, Conneaut
Eugene Sol Green, Columbus
Karlie Vitalis Grivas, Albertson, N. Y.

Gerald N. Hanson, Hopewell, N. J.
Laurie Beth Hart, Seattle, Wash.
Craig Steven Hartsough, Cincinnati
David H. Hettler, Lorain
Robert Jay Krauskopf, Reynoldsburg
Carol Therese Krueger, South Euclid
Vernon Robert Kubak, Russell Township
Kathleen Marie Kuhler, Westerville
Kristin Lynn Larsen, Dayton
Richard Carl Laubacher, Canton
Eric Salta Laus, Columbus
Todd Allen Law, Reynoldsburg
Geoffrey Roger Leking, Sylvania
Teresa Clarin Loving, Mansfield
Theresa Jeanne Macksy, Pickerington
Jean Lorraine Marshall, Columbus
Kathryn Ruth McCaren, Kent
Charlene Ann McGuire, Columbus
Victor Mesencef, Jr., Beavercreek
Robert Alan Miller, Akron
Dale Wesley Mitchell, Dover, Dela.
Heidi Renee Mitchell, Prospect
Sally Jo Ewing Moore, Lisbon
D. Kris Morrison, Pataskala
Karim Joseph Mourad, Brunswick
Jeffrey Allen Myers, Grovetown
Gary Neal, Jackson
Tien Nguyen, Columbus
Renee Lee Peth, Worthington
James Edward Ray, Garrettsville
Barry Lynn Roberts, Broadview Heights
Robert Andrew Roff, Columbus
Mitchell Gregg Roe, Columbus
Joseph John Rushanan, Bedford
Max Daniel Scarchione, Columbus
Jeffrey Lynn Seiber, North Canton
Gregory John Seita, Shadyside
Lawrence Steven Shimek, Canton
Steven Paul Shubella, Columbus
Janet Patricia Steensen, Newark
Steven J. Stoessel, Worthington
Lowell Olsher, Columbus
Philips J. Stuecheli, Akron
David Mark Swanson, North Olmsted
Jeffrey Van Swearingen, Portland
Bradley Scott Tagg, Columbus
Brent Roger Taylor, New Carlisle
Richard J. Trippe1, Columbus
Philip D. Turner, Columbus
Mark Thomas Van Gilder, Tallmadge
Stuart Alan Wolf, Mayfield Heights

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Kimberly Marie Adams, Columbus
Leslie Ann Aker, Worthington
Megan Brooks Alban, Columbus
Charles P. Alsheeff, Willowick
Jeanie Alma Amid, Toledo
Josephine Anderson, Ashhabula
Mary Andrés, Columbus
Monjula N. Appaya, Lima
Ermelino Aparejo Araujo, Columbus
Theresa Dankowski Arnett, Gallion
Kevin Keith Ayers, New Philadelphia
Laurice A. Badour, Mansfield
Craig Gordon Baldwin, Reynoldsburg
Alan Robert Bales, Lackawanna, N.Y.
Joann Dee Ballard, Columbus
Steven Karl Balogh, Columbus
Elizabeth Lee Banbury, Ashland
Robert Joseph Bangert, Columbus
Liliana B. En Banister, Lexington, Ky.
Katherine Hoover Barrett, Columbus
David Michael Bartholome, Cleveland
Elizabeth Dawn Bashore, Marietta Perry
Randall Eugene Baughman, Fremont
L. Michael Beausay, Perrysburg
Mark Anthony Bezak, Lorain
William Compton Betts, Cincinnati
Mary Ellen Bigler, Massillon
Randall John Bills, Columbus
James Mark Bishop, Columbus
Rocky Edward Black, Belleville
Janice Anne Blake, Sidney
Laura Lynne Blythe, Delphos
Betttyan Keidel Bobbitt, Columbus
Julie Louise Bode, Columbus
James Louis Boud, Mansfield
John W. Borchers, Fort Loramie
Terrence S. Bowen, Cincinnati
Carrie Mae Bowser, Powell
Mary Anne Boyd, Columbus
John H. Bradshaw, Willowick
Caroline L. Brany, Centerville
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Bachelor of Arts in Journalism

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Dean: H. Justin Davidson

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College of Agriculture and Home Economics

Dean: Roy M. Kottman

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<tr>
<td>Maryellen E. Zeitzer</td>
<td>Northfield</td>
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**Agricultural Technical Institute—Wooster**

**Associate in Applied Science**

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<th>Name</th>
<th>City, State</th>
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<td>Michael Thomas Adams</td>
<td>Parma</td>
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<tr>
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<td>Matthew Vincent</td>
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<tr>
<td>Jerome Michael Roman</td>
<td>Parma</td>
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**College of Dentistry**

**Dean:** William R. Wallace

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- Joanne Marie Brimner, Worthington
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- Belinda Lee Copeland, Hudson Falls, N.Y.
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College of Education
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Cheryl Lee Snoddy, Columbus
Karen Ellen Sobul, Clifton, N. J.
Susan Ann Sovine, Tipp City
Linda Kenturah Spencer, Columbus
Jeanette Renee Spohn, Somerset
Susan Renee Squire, Defiance
Roderick Glenn Stanchich, Cincinnati
Debra Ann Staufer, Massillon
Elaine Steinhauser, Circleville
Robert Richard Stephenson, II, New Philadelphia
Raymond Loyd Stewart, Delaware
Gale Ann Stiles, Rocky River
John Gerald Stipek, Jr., North Olmsted
Lisa Jo Strockell, Delphos
Brenda Kae Suei, Worthington
Sheila Jo Szabo, Canton
Kimberly Jean Talor, Mansfield
Alison Heather Taylor, Xenia
Annette Dianne Taylor, Mansfield
Kathryn Ann Taylor, Springfield
Mary Patricia Taylor-Broder, Columbus
Beverly Stone Thompson, Marengo
Edgar Ray Thompason, Jr., Otterbein
Joyce Lynne Thompson, Tiltonsville
Kay Elizabeth Thompson, Port Clinton
Mary L. Thompson, Columbus
Lisa Marie Todd, Columbus
Kimberly Lynn Tolbert, Niles
Lori Jean Toller, South Solon
Mary Frances Torres, Columbus
Donald Jerome Toth, Delaware
Richelle Louise Townsend, Wadsworth
Kathleen Marie Trainor, Lima
Joanne Ella Trende, Streetsboro
Kelly Leigh Trent, Junction, Fla.
Maryalice Bower Turner, Columbus
Debra L. DePew Valentine, Upper Arlington
Grace Brophy Volker, Columbus
Margaret Lynn Volser, Burton
Marsha Irene Viktorson, Lima
Linda Lee Waite, Orrville
Carol Lee Wagner, Edison
Rita Jane Walker, Mansfield
Timothy Allen Walkup, Reynoldsburg
Elizabeth Jane Wallace, Worthington
Jodi Lynn Warner, Louisville
Ahmed Chani Wasse, Bauchi, Nigeria
Robin Beth Weinstein, Norfolk, Va.
Joseph Jerome Weis, Galion
Victoria Lynne Welch, Pickerington
Sherri Becker Weis, Reynoldsburg
Dana Jo Whitehead, Hamilton
Marcella Marie Wilder, Newark
Christine Marie Wilhelm, Reynoldsburg
Anthony Gerard Williams, Franklin
Doris R. Wilkinson, Lorain
Karen L. Wilson, Reynoldsburg
Robert Lawrence Winkler, Lima
Lisa Ann Wirthman, Columbus
Lilliane M. Wixwell, Lima
Vicki Ann Woodrum, Columbus
Carla Adams Yale, Hilliard
Steven Edward Yoder, Plain City
Teresa Jo Younts, Caldwell
Bachelor of Science in Chemical Engineering

Mary Abel, Copleton
Keith Alan Artman, Dayton
Robert Andrew Ballinger, Akron
David Brian Boyle, Ashstuba
Jeffry Lynn Cline, Sandusky
Chi-Thien Ioan, Dayton
Diana Lynn Dufall, Avon Lake
Darn Ann Edwards, Xenia
John Ralph Gayler, Columbus
Mark Joseph Gruber, Columbus
Charles George Hardy, Cleveland
Jeffrey Allen Hayes, Ashland
Hamid Reza Hashemi, Tehran, Iran
Richard William Hendricks, North Olmsted
Alex Walter Kiewazak, Parma
Douglas M. King, North Olmsted
Dan Lambert, Morroway, Pa.
Kathleen Marie Malone, Gahanna
Thomas Edward Mastkowski, Brecksville
Rosanne Maraffis, Columbus
Frank Thomas Marriott, Gahanna
Ronald Sherman May, Alliance
James Richard McDermott, Cambell
Gregory Arthur Michaels, Seven Hills
Jeffrey Newton Malone, Columbus
Lauralee A. Montgomery, Chillicothe
Julie G. Murphy, Gahanna
Gary Dean Parsons, Worthington
John William Poore, Amberst
Kimerly Ann Powell, Bay Village
Robert Elie Rabhat, Beirut, Lebanon
Michael Frederick Reardon, Canfield
Sumner Marc Sect, Dayton
Brian David Smith, Columbus
Christina Marie Stark, Bryan
Cynthia Louise Stoops, Columbus
Richard MacIntosh Sturgeon, Columbus
Janet Lynn Taylor, Wallington
Charles Joseph Trutt, Columbus
James Maurice Trowbridge, Minford
John David Underwood, North Canton
Andrew Michael Weber, Bedford Heights
Debra Sue Worthington, Jackson
Lawrence Edmund Yanes, Aust, Hartford, Conn.
James Bradley Young, Canal Fulton

Bachelor of Science in Computer and Information Science

Julie Ellen Bendig, Findley Lake, N.Y.
Deim Trung Bui, Westerville
Thomas Joseph Cissell, Galloway
Emily Noeren Dentson, Youngstown
Michael Scott Endsley, Bellefontaine
Keith Alan Fish, Columbus
David Jay Gregg, Middletown
Karen Ann Home, Montana
Kevin Frank Hennesy, Columbus
Don Murray Ilse, Jr., Galion
Tim Alan Landwah, Lima
Linda Marie Lehman, New Philadelphia
George James McLaughlan, Stamford, Conn.
Steven John Prozap, Defiance
Joachim Schuler, Ludwigshafen, West Germany
Kevin Robert Schneider, Northfield
Steven David Schoenstein, Upper Arlington
Steven Keith Shaday, Columbus
Dana Mark Spuhler, Uniontown
Bruce Warren Tallbott, Lancaster
Robert Bryant Thomas, Euclid
Jane Ann Wauben, Delphos

Bachelor of Science in Civil Engineering

Darren Jay Allen, Columbus
Jeffrey William Bentz, Columbus
William John Benko, Fairview Park
David Allen Brittian, Struthers
James Joseph Burns, Reading
Laura Lynn Busch, Aspl, Ill.
Douglas Allen Bushkirs, Clarkeburg

Bachelor of Science in Ceramic Engineering

Raymond Earl Barnes, Wooster
Baron Lee Browning, Newark
Dennis Shawn Cox, Columbus
David Howard Freund, Westerville
Douglas Paul Grider, Springfield
Gregory Hamilton Jones, Portsmouth
Richard Joseph Koba, Jr., Lorain
Jack Douglas Larry, Newark
David Nelson Laver, Silver Lake
Charles Robert Marta, Delphos

Bachelor of Science in Agricultural Engineering

David Lee Diekenthaler, Martin
Charles Richard Frieler, Newark
Jerry Lee Harris, Cardington
Jeffrey Bay Helmuth, Orrville
Michael Kent Holloway, Willshire
Debra Je Martin, Genoa
Sue Ellen Nokes, Canal Fulton
Asy Sevin Tln, Columbus
Gregory Charles Topp, New Bremen
Stephen Ray Workman, Lynchburg

Bachelor of Science in College of Engineering

(Dean: Donald D. Gluever)

Bachelor of Science in Aeronautical and Astronautical Engineering

Jose Gregorio Aguilar, Maracahai, Venezuela
Mark Edward Atkinson, Worthington
James Kenneth Black, Flemington, N. J.
Bruce Alan Carter, Circleville
Russell Braun Cline, Lancaster
Rian Samuel Hayes, Wadsworth
Kris Philip Heim, Madison
Jeffrey Lynn Martin, Walton Hills
Ann Michael Mills, Canal Winchester
Steven William Ruby, Columbus
Margaret Grace Schweitzer, Lisbon
Wayne Allen Spreen, North Robinson
Jon Edward Spryer, Grove City
John George Stander, Cleveland Heights

Bachelor of Science in Aviation

Michael Alan McCoy, Chillicothe

Bachelor of Science in the College of Arts and the College of Education.

Candidates are listed under College of the Arts.
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Bachelor of Science in Welding Engineering

Larry Joseph Barley, North Canton
Kevin Eugene Buehne, Dayton
Donald Alexander Cain, Columbus
Richard Joseph D’Angelo, Grove City
Allan Wallace Ferdi, Columbus
Steven Anthony Haywood, Parma
Brian Richard Hocking, New Martinsville, W. Va.
Timothy Allen J. R. F., Middletown
George Michael Learmonth, Columbus
Ernest David Levert, Cleveland
Scott Michael Metges, Findlay
Roger Gene Miller, Waterford
Daniel Anthony Nowak, Columbus
Larry P. Perkins, Medina
David C. Riek, Fairborn
Dale Alfred Rupert, Jr., Brecksville
Alexander F. Skipp, I., Warren

School of Architecture

Bachelor of Science in Architecture

Terry Ray Aldridge, Fairborn
Robert Francis Arey, Jr., Columbus
Jeffrey John Bacon, Norwich, Conn.
David Lynn Chapman, Columbus
Carla Rose Corrato, Canfield
John Frederick Faile, Bay Village
Dana Sheri Feiner, Cleveland, N. Y.
Laretta Lee Fiorentino, Worthington
Gerald David Frenenmaker, Dayton
Timothy Eugene Fry, Waterville
Linda Anne Green, Muttontown, N. Y.
Timothy Boyd Hill, Coldwater, Mich.
Marc Alan Hull, Brook Park
Peter Joe Hummel, Parma
Jeffrey Steven Kallas, Johnsonstown
Lawrence Jacob Kalman, Columbus
Steven Garth Kelley, Chesterland
Robert Warren Lay, Columbus
Thomas Michael Lee, Newark
Edward Robert Liniger, Vancouver, Canada
Carlos Manuel Martinez, Columbus
Kevin Paul McKinn, Upper Arlington
David Ross McMahon, Bremerton, Wash.
Charles Blyas Moorhead, Canton
John Thomas Nauf, Fostoria
Sheryl Anne O’Neill, Galena
Frank Anthony Petinati, Rochester, N. Y.
Thomas Robert Pruckno, Boonville, N. Y.
Edward Allan Pyrch, Ashland
Palmer Brook Schooley, Columbus
Tony Rene Schorr, Lancaster
Paul Michael Spang, Worthington
Kirk R. Stevens, Toledo
Ronald Clare Stotes, Upper Arlington
Youtam Joseph Varda, San Jose, Calif.
David Allen Yount, Fort Wayne, Ind.

Bachelor of Science in Metallurgical Engineering

Diane Elizabeth Albert, Forest Park
Timothy Edward Eagle, Middletown
Gordon Randolph Holcomb, Worthington
David Michael Johns, Westerville
Donna Janice Moore, Stow
John Matthew Pirmam, Cleveland
Eric Scott Shriner, Baden, Pa.
Mark James Straszheim, New Madison
Charles Scott Wade, Carrollton
Sandra Lynn Wakefield, Madeira
Cynthia Marie Ware, Dayton
Mark Richard Zelle, Canton

Bachelor of Science in Mining Engineering

Hamid R. Djahanbahi, Richwood
Timothy Charles Noyes, Mt. Perry
David Edwards Wiseman, Gallipolis

Bachelor of Science in Surveying

Peter Leroy Arnold, Dixfield, Me.
Mark Jonathan Ellis, Monroe
Gregory Vincent Sketch, Ludlow, Ky.
Bassay Edet Ukim, Uyo-Crs, Nigeria

Bachelor of Science in Landscape Architecture

Jennifer Diane Aliaso, Amherst
John David Anderson, Westerville
Suzan Deborah Andreassen, Silver Spring, Md.
Carl Frank Armanini, Dayton
Richard Joseph Attellono, Clifton, N. J.

College of Law

Dean: James E. Meeks

Jurus Doctor

Kevin Roy Abrams, Williamsburg B.A. (Amherst College)
Pamela Ann Addison, Cleveland B.A. (Kenyon College)
Mark Francis Ahlers, Fort Loramie B.S.Bus.Adm. (University of Dayton)
John Bernard Albers, II, Columbus B.A. (Wake Forest)

Bachelor of Science in Architecture
Richard Scott Bardine, Canton
B.A. (The College of Wooster)

John Thomas Batchelder, Medina
B.A. (Kenyon College)

Ralph Anthony Bauer, Columbus
B.A.

Pamela Jane Bertram, Newark
B.A. (Miami University)

Catherine Elaine Blackburn, Columbus
B.S. Pharmacy (University of Kentucky)

Mark Robert Blackmer, Homer, N.Y.
B.A. (State University of New York at Buffalo)

Katherine Jean Bohn, S. Charles, Mich.
B.S. (University of Michigan)

Vince Lee Bonham, Jr., Lansing, Mich.
B.A. (Michigan State University)

Brenda Ann Born, Athens
B.S.Ed. (Ohio University)

David Scott Borror, Columbus
B.A.

James Patrick Bostick, Columbus
B.A.

Bethany Rae Boyd, Portsmouth
A.B. (Morehead State University)

Jeffrey Dean Boyd, Scio
B.A. (Kent State University)

Mary Regina Brandt, Columbus
B.A. (College of William and Mary)

Cynthia Kay Brockman, New Albany
B.S.

James Wilmore Brown, Columbus
B.A.

Glenn Jefferson Browne, Bowling Green
A.B. (University of Michigan)

John Joseph Byrnes, Worthington
B.S.Bus.Adm. (Georgetown University)

Kenneth Arthur Campbell, Columbus
B.A.

Wanda Lees Carter, Columbus
B.S. (Bowling Green State University) ; M.S.

Robert Louis Chagares, Cincinnati
B.A. (Miami University)

Lynette Denise Chappell, Newport News, Va.
B.S. (James Madison University)

Sandra Kay Cheshire, North Canton
B.A. (Capital University)

Stephen Chu-Ling Chong, Berea
B.A. (Calvin College)

David Bruce Clouston, Columbus
B.S.; B.A.Jour.

Michael Francis Coady, Columbus
B.S.Bus.Adm.; B.A.

Russell Andrew Cohen, Weston, Mass.
A.B. (Vassar College)

Colleen Elizabeth Cook, Marietta
B.A.

Robert Stack Corker, Chillicothe
B.S. (Northwestern University)

B.A.

Frank Philip Darr, Columbus
B.A. (University of Akron)

Denise Marie Dominikisz, Columbus
B.A.

Laura Beth Dements, Birmingham, Mich.
B.S. (Eastern Michigan University)

Thomas Joseph Doherty, Reynoldsburg
A.B. (Holy Cross College)

Douglas Edward Ducett, Cincinnati
B.A.

Patrick Joseph Dugan, Lima
B.S.Bus.Adm. (Bowling Green State University)

Nancy Rae Edwards, Marietta
B.A.

Steven Michael Emment, Zanesville
B.A.

Todd Robert Enoff, Dayton
A.B.

Nicholas R. Emrick, Farmersville
B.M.E. (General Motors Institute)

Thomas Keith Emswiler, Columbus
B.A.

Kurt Erlenbach, New London
A.B.

Thomas Anthony Ferris, East Palestine
B.A. (Vanderbilt University)

Patrick Joseph Filan, Cincinnati
A.B. (Duke University)

Michael Gerard Flores, Cincinnati
B.S.Econ. (University of Pennsylvania)

Jeffrey Alan Ford, Ashland
B.S.Ed.

Jeffrey E. Fort, Shelby
B.S. (U.S. Naval Academy)

Sara Jo Foster, Columbus
B.A.

Beth Anne Frailey, Philadelphia, Pa.
B.A.Eng. (Case Western Reserve University)

Marlene Paula Frank, Columbus
B.A.

Randolph Harry Freking, Cincinnati
B.A. (University of Dayton)

Barbara Jay Fultz, Middleport
B.S.Ed. (Ohio University)

Alice Lynn Gailey, Cincinnati
A.B. (University of Michigan)

B.G.S. (Ohio University)

Louis Alan Goodman, Warren
B.A.

Vera Zina Gorochow, Columbus
B.S. (Saint John Fisher College)

Frederick Marvin Greenwood, III, Medina
B.S.Bus.Adm. (Bowling Green State University)

Donald Wayne Gregory, Cincinnati
B.A. (Miami University)

Jill Ann Griffin, Huntington, N.Y.
B.A. (College of New Rochelle)

Lynd Bart Griffith, III, Warren
A.B. (Earlham College)

Barbara Jean Gustafsson, Columbus
B.A. (Lake Erie College for Women)

Theresa Jane Haire, Worthington
B.A. (University of Virginia)

Kim Michele Halliburton, Columbus
B.A. (Denison University)

Thomas Alva Hampton, Barnesville
A.B. (Wilmington College)

Douglas J. Hart, Malvern
B.A. (Ohio Northern University)

Robert Matthew Hart, Kent
B.A. Sociology (Kent State University)

Jim Hasenfus, Hollywood, Calif.
B.A. (Northwestern University)

Barbara Louise Huntski, Rocky River
A.B. (Earlham College)

Joann Marie Hnat, Parma
B.S.Bus.Adm.

G. Woodrow Holt, Lebanon
B.B.A. (Ohio University)

Judith Lee Horn, Columbus
B.A. (The College of Wooster)

Mary Beth Monica Houset, Youngstown
A.B. (Youngstown State University)

Patrick Jonathan Janis, Richfield
B.A. (Wittenberg University)

Joel Kermit Jensen, Hampton, Va.
B.A. (University of Virginia)

Susan Nanette Jones, Barnesville
B.A. (Muskingham College)

Leigh Anne Judd, Chardon
B.A. (Hiram College)

Janice Arden Judge, Sylvania
B.A.

Leora Ann Jump, Willard
B.A.

Renita Ann Kahan, Akron
B.A. (University of Akron)

Nicholas Rick Kallas, Lorain
B.A., M.S.

David William Keller, Galion
B.A.

Robert Stephen Kiss, Dayton
B.A.

Donald Robert Knight, Utica, Mich.
B.A. (Oakland University)

Janet Kay Kottman, Columbus
B.A. (Miami University)
Dean Clinton Kowalczyk, Montgomery
B.A. (University of Chicago)

B.A. (Chatham College)

Mark David Landes, London
B.A. (John Hopkins University)

Susan Ray Laughlin, Columbus
B.A. (Miami University)

Donald Byron Leach, Jr., Columbus
B.A. (Union College)

A.B. (University of Michigan)

John Steven Lee, Reynoldsburg
B.S. (Muskingum College)

Andrew Ray Leeper, Wooster
B.A. (The College of Wooster)

William Joseph Leibold, Dayton
B.A. (University of Dayton)

James Charles Lemay, Bay Village
B.S.Bus.Adm. (Bowling Green State University)

David Kevin Liberati, Belleville
B.A. (Brown University)

David John Linesch, Dayton
B.A. (Miami University)

William Lyle Loveland, Columbus
B.A. (Denison University)

Anita Pope Lunn, Columbus
B.A. (Antioch College)

James Michael Lyons, Akron
B.S. (John Carroll University)

Steven Michael Magas, Mansfield
B.A., B.S.Ed. (University of Cincinnati)

Richard Mancion, South Euclid
B.A. (Michigan State University)

Bennett Alan Manning, East Lansing, Mich.
B.A. (Michigan State University)

Werner LeRoy Margard, III, Worthington
B.A. (College of William and Mary)

Gary Richard Marts, Toledo
B.A. (University of Toledo)

David Edwin Mayhall, Springfield
B.A. (Miami University)

Shelley Ann McBride, Mansfield
B.A.

Gregory Louis McGann, Columbus
B.A. (University of Notre Dame)

Robert Morse McNitt, Cincinnati
A.B. (Stanford University)

David Harvey Meade, Akron
B.A. (University of Akron)

Stephen Wilson Meagher, Columbus
B.A.

B.A. (Williams College)

Wayne Jeffrey Miller, Granada Hills, Calif.
A.B. (Stanford University)

Mark Jay Minsky, Ann Arbor, Mich.
A.B. (University of Michigan)

Paul Frederick Moke, Wilmington
A.B. (Wilmington College)

Douglas Scott Morgan, Columbus
A.B. (Harvard University)

Glenn William Myers, Kentwood, Mich.
A.B. (Ohio University)

James Gerard Neary, Toledo
B.A. (University of Notre Dame)

Phyllis Stiltzmann Niederman, Springfield
B.S.Ed. (University of Cincinnati)

Thomas Harvey Nelson, Columbus
B.S.Bus.Adm.

John David Oman, Findlay
B.A. (Ohio Northern University)

Richard Wayne Pace, Columbus
B.S.Soc.Wel.

Janice Ann Payt, Columbus
B.A. (Miami University)

John Edmund Pembroke, Oberlin
A.B. (Oberlin College)

William Shannon Pidock, Albany
A.B. (Ohio University)

Josephine Louise Piehwizew, St. Clairsville
B.A.

Charles Sumner Plumb, III, Toledo
B.A.Bus.Adm. (Southern Methodist University)

Stephen David Plymale, Columbus
B.S.Ed.; M.A. (The University of New Mexico)

John Joseph Pomonor, Willoughby
B.A. (The University of Chicago)

Lawrence Steven Press, Columbus
B.A.

Theodora Marie Rand, Massillon
B.A.

Yvonne Teresa Ranft, Columbus
B.A.

Robert James Reynolds, Wooster
B.A. (Wittenberg University)

Evelyn R. Robinson, Dixon Mills, Ala.
B.S. (University of Montebello)

Richard David Roggenkamp, Worthington
B.S.Ed. (Miami University)

Paul Anthony Rose, Garfield Heights
B.A.Jour. (University of Oklahoma)

Lee Scott Rosenthal, Columbus
B.A.

John Charles Ross, Ashtabula
A.B. (Ohio University)

David Fuller Rudwall, Dayton
B.S. (The George Peabody College for Teachers of Vanderbilt University)

Peter Bingham Rufling, Bellevue
B.S. (John Carroll University)

Robert Kenneth Rupp, Streetsboro
B.A. (Walsh College)

Suzan Lynne Russell, Dayton
B.A. (University of Dayton)

Bruce Steven Rutsky, University Heights
A.B. (Indiana University)

Amelia Angela Salerno, Youngstown
A.B. (Youngstown State University)

Melinda Lux Sales, Madeira
B.A.

Michael Matthew Schmidt, Columbus
B.S.Bus.Adm.

Theodore Thomas Schold, Macedonia
B.A. (Bowling Green State University)

Kathleen Beth Schulte, Columbus
B.A.

Kenneth Wayne Schutt, Jr., Stromburg, Neb.
B.A. (Midland Lutheran College)

Dan Shaban, Mansfield
B.A.

Susan Lee Simma, Columbus
B.A. (Wittenberg University)

Mark Albert Sipek, Columbus
B.A.

Marcia Teri Slotnick, Columbus
A.B. (Indiana University)

Jill Anderson Smith, London
B.S.Ed. (Drake University)

Michael Allan Smith, Belpre
B.A. (Kenyon College)

Ronald Joseph Snyder, Columbus
B.S.C.E.

Paul Howard Speth, Pepper Pike
B.A. (Miami University)

Paul Stehura, Broadview Heights
B.A. (Kent State University)

Matthew Lloyd Steinel, Hartville
B.S.Bus. (Miami University)

Marti Dawn Stein, University Heights
B.A. (Miami University)

Bruce Larry Stout, Bexley
B.A.

Scott Forshey Sturgus, Columbus
B.A. (Ohio Wesleyan); M.A. (Miami University)

Gregory William Stype, Columbus
B.A. (College of Wooster)

Roseanne Kennedy Sullivan, Columbus
B.A.

Steven Scott Swarta, Upper Sandusky
B.A. (Ohio Northern University)

Thomas Edmund Szwajgwry, Garfield Heights
B.A. (Denison University)

Linda Selby Tableman, Transfer, Pa.
B.A. (California State University)

Debra Riley Tabor, Chesapeake
B.S. (Marshall University)

Dorothy Annette Robinson Tabron, Memphis, Tenn.
B.S.Ed.

Anthony Richard Taylor, Huntsville
B.A.
College of Medicine
Dean: Manuel Tragournis, M.D.

Doctor of Medicine

Steven Allen Abrams, Columbus
B.S. (Massachusetts Institute of Technology)

Adelle A. Ackell, Chagrin Falls
B.A. (Ohio University)

Alex B. Adelson, Amherst
B.A. (Miami University)

William Robert Ahrens, Toledo
B.A. (Northwestern University)

Theodore Adam Allgeig, Euclid
B.A. (Northwestern University)

Michael Gregory Allison, Salem
B.S. (Case Western Reserve University)

John Steven Altspaugh, Bay Village
B.A. (Wake Forest University)

Clifford Livingston Anend, Youngstown
B.A. (Oberlin College)

Alan Jon Annenbom, Middletown
B.S. (University of Michigan)

Lawrence Carroll Ault, III, Columbus
B.S., M.S. (Emory University)

James Philip Bacon, London
B.A. (Wittenberg University)

Martha Anne Bacon, Huntsville, Ala.
B.S. (Wright State University)

Michael Charles Baehr, Bucyrus
B.S.

Linda Ellen Bailey, Beaver Creek
B.S., M.S. (Wright State University)

Keith Andrew Baker, Wooster
B.S.

Michael Walter Ball, Bellevue
B.S. (University of Notre Dame)

Lawrence Andrew Bartish, Cincinnati
B.S. (Northwestern University)

Michael S. Beeson, Malone
B.A.

Randall Paul Bennett, Grove City
B.S.

Craig Lawrence Bissinger, Cincinnati
B.A. (Indiana University)

Daniel Arthur Breitenbach, Pepper Pike
B.S. (University of Notre Dame)

Andrew James Britton, Mayfield
B.S.

Donald George Brunn, Columbus
B.A., M.S., Ph.D.

James Dominic Brue, South Charleston
B.S.

Lawrence Paul Bruno, Oberlin
B.S. (University of Cincinnati)

David Alan Brys, Mentor
B.S. (Mount Union College)

Donald L. Bucklin, Chesterfield, Mo.
B.S. (Miami University)

William G. Buoni, Columbus
B.A.

John Jeffrey Burnich, Youngstown
B.S. (University of Cincinnati)

John Raphael Burns, Chillicothe
B.A. (Case Western Reserve University)

John Arthur Cheek, Columbus
B.S., D.D.S.

Theodore John Cieslak, Brunswick
B.S.

Paul Robert Conkling, Dayton
B.A. (Dartmouth College)

Steven Eugene Connolly, Willowick
B.S.

Thomas Matthew Coon, Port Clinton
B.A. (Miami University)

Julie Lee Costello, Cincinnati
B.S. (Xavier University)

Mark Robert Dahl, Garrettsville
B.S. (Kent State University)

Eric Alan Davis, Aurora
B.A. (Kent State University)

Jack Chris Davis, Cincinnati
B.S. (Davidson College)

Gregory Harry Deckner, Cincinnati
B.A. (Saint Louis University)

Don Douglas Delcamp, Pleasant Hill
B.S. (Wright State University)

Virginia K. de Veurtel, Columbus
B.S.

Gary Paul Erdy, Columbus
B.S.

Neal Eides, Columbus
B.S. (Miami University)

David Harry Fagin, Columbus
B.A. (Miami University)

Cheryl Ann Fassler, Middletown
B.S. (University of Notre Dame)

William Renner Finkelmeier, Celina
B.S. (University of Cincinnati)

Marc Steven Flesher, University Heights
B.S. (Emory University)

Nelson Bruce Freimen, Toledo
B.A. (University of Pennsylvania)

Ric Scott Garrison, Chillicothe
B.S. (Ohio University)

Alan Christopher Gata, Shreve
B.A. (Wittenberg University)

Noel Richard Gibson, Akron
B.S. (Kent State University)

Michael Joseph Giulianti, Cincinnati
B.S. (Tulane University)

Michael David Gold, Toledo
B.S.
James Douglas Kasten, Cleveland B.S. (Cleveland State University)

James A. Gray, Rirminiham, Mich.

Joseph Grannan, Cincinnati

B.A. (Miami University)

B.S. (Wittenberg University)

B.S. (University of Cincinnati)

Richard Alan Kern, Parma Heights

B.A. (Case Western Reserve University)

B.S. (Oberlin College)

John David Kaurch, Columbus

B.A. (University of Cincinnati)

Michael Paul Keller, Cincinnati

B.S. (University of Cincinnati)

Richard Alan Kueker, Brecksville

B.A.

Rick Allen Kukula, Walnut, Calif.

B.A. (Case Western Reserve University)

Joseph Lawrence La Rosa, Parma

B.S. (Kent State University)

Michael Benjamin Lax, Cleveland B.A. (Oberlin College)

Jeffrey Park Leake, Worthington

B.S.

Stephen Paul Lenahan, Akron

B.S. (University of Akron)

George Scott Lewandowski, Toledo

B.S. (John Carroll University)

Michael Darrell Lorton, Indianapolis, Ind.

B.A. (Miami University); J.D. (Duqke University)

David Jonathan Louis, Washington C. H.

B.S.

Colleen Marie Lovelace, West Jefferson

B.A. (University of Akron)

Michael G. Lykens, Port Clinton

B.S.

Robert Paul Lynch, Cincinnati

B.S. (Xavier University)

Thomas Anthony Malone, Niles

B.S. (John Carroll University)

Mark Andrew Mangold, Cincinnati

B.S. (University of Cincinnati)

Elizabeth Quincy Mann, Washington, D. C.

B.S.N. (Syracuse University)

John F. Marcink, Struthers

B.A. (Youngstown State University)

Samuel Joseph Margiotta, Jr., Youngstown

B.S. (Bowling Green State University)

B.S. (Ohio Northern University)

Robert Aaron Marshall, Tiffin

B.A. (University of Toledo)

Maurice Conrad Mast, Dalton

B.S., B.A. (Ohio Northern University)

William Michael McCullough, Jr., Dayton

B.S. (Denison University)

David Richard McFarland, Athens

B.S., M.S. (Ohio University)

Michael David McGonigal, Cadiz

B.A. (Oberlin College)

John Kurt Mehl, Succasunna, N. J.

B.A. (Wittenberg University); M.S.

John Richard Meranda, Georgetown

B.S. (University of Cincinnati)

Thomas Joseph Merle, Akron

B.A. (Denison University)

Lori A. Meyer, Kettering

B.S.

Yolanda Ann Mickevicius, Shaker Heights

B.S. (John Carroll University)

Sharon Jean Mikol, Mentor

B.S.

Gary Stanley Mirkin, Youngstown

B.S.

William Frederick Miser, Mansfield

B.S. (Wheaton College)

Janet Ann Mohr, Bryan

B.S. (University of Toledo)

James Martin Molnar, Fountain Hills, Ariz.

B.S. (University of Cincinnati)

James Richard Moore, Columbus

B.A. (Cornell University)

Jeffrey Lee Moore, Akron

B.A. (University of Akron)

Rudolph James Mueller, Lakewood

B.S. (Case Western Reserve University)

Richard Louis Nemee, Highland Heights

B.A. (Case Western Reserve University)

Mary Elizabeth Pagano, Oak Park, Ill.

B.S. (University of Illinois)

Howard Mitchell Part, Englewood Cliffs, N. J.

B.S. (Ohio University)

Cresa Kay Payne, Darien, Conn.

B.S. (Marietta College)

Donald John Pellioni, Toledo

B.A. (University of Toledo)

Lawrence John Preis, Jr., Upper Arlington

B.S. (University of Southern California)

Joanne Louise Pizzino, Solon

B.A. (Case Western Reserve University)

Arden Clare Smith Pletzer, Toledo

B.S. (Duke University)

David Peter Pletzer, Rootstown

B.S. (Kent State University)

Ronald Bernard Pohlan, Maria Stein

B.S. (University of Dayton)

Thomas Patrick Porter, St. Clairsville

B.A. (Miami University)

William Bruce Povolny, North Olmsted

B.A. (University of Toledo)

David Alan Price, South Euclid

B.A. (Washington University)

José Antonio Ramirez-Borrell, Columbus

B.S.
Richard Edward Ranchoff, Fairview Park
B.S.
John Richard Raymond, Uniontown
B.S.
Thomas Alan Repko, Northfield
B.A. (Miami University)
Mary McCallum Robinson, Shaker Heights
B.A. (Kenyon College)
Catherine Marie Rose, Kettering
B.S. (The University of Dayton)
Russell Michael Rudy, Middleburg Heights
B.S.
David Allen Ruedrich, Dayton
B.A.
Kimberly Anne Seipel, Waterville
B.S.
Charles Patterson Shields, III, Medina
B.S. (University of Richmond)
Denise J. Slnacek Signs, Elyria
B.S., M.S. (University of Dayton)
Judith Ellen Simon, Youngstown
B.S. (Miami University)
Daniel Michael Slutzker, Dayton
B.S. (Kent State University)
Patricia Ann Smethurst, Montgomery
B.S. (Bowling Green State University)
Candace Lee Smith, Farmdale
B.A.
Mark Allen Smith, Erie, Pa.
B.S. (Pennsylvania State University)
Loretta Mae Smrtnik, Richmond Heights
B.A. (Miami University)
Robert Paul Spitterle, Alliance
B.S. (University of Notre Dame)
Mary Ann Sprauer, Dayton
B.S. (University of Dayton)
Larry Albert Stern, Marion
B.S.
Michael Gerard Stiff, Perryburg
B.A. (University of Toledo)
Michael Robert Stock, Columbus
B.S. (Kent State University)
Christine Marie Sullivan, Marion
B.S. (Bowling Green State University)
Joan Toby Sumkin, Canton
B.S. (University of Michigan)
Jeffrey Alan Summers, York, Pa.
B.S. (Hobart College)
Thomas Arlin Swafford, Dayton
B.S., M.S. (Wright State University)
Patricia Ann Sweeney, Toledo
B.S.N. (University of Toledo)
Jay Michael Taylor, Cuyahoga Falls
B.A. (Hiram College)
Timothy James Thress, Worthington
B.S.
John Michael Thungy, Centerville
B.S. (University of Cincinnati)
Allen Yiyen Tien, Columbus
B.A.
Michael Christopher Townsend, Jr., Lakewood
B.S. (Xavier University)
Timothy Allen Treece, Dublin
B.S.
John Francis Vage, Cuyahoga Falls
B.S. (University of Cincinnati)
B.S. (University of Massachusetts); M.S. (Rutgers University)
Gregory Ray Vest, Dayton
B.S. (Miami University)
William Edward Walsh, Jr., Hubbard
B.A. (University of Cincinnati)
Sharon Elizabeth Washington, Kingston, N. Y.
B.S. (Cornell University)
Douglas Phillips Webb, Cleveland
B.A. (Middlebury College)
Janet Louise Wendeln, Kettering
B.A. (University of Dayton)
Pamela Diane West, Springfield
B.S. (Kent State University)
Gwynette Marshall Williams, Westerville
B.S.
Marcia Lynne Williams, Uniontown
B.S. (John Brown University)
Peter Jerome Wilson, Toledo
D.V.M.
John W. Winzenread, Columbus
B.A.
Jonathan D. Wright, Lima
B.A. (Ohio Wesleyan University)
Kenneth Arden Yaussey, Willoughby
B.A. (Ohio Northern University)
Joseph John Yohn, Columbus
B.S.
Douglas Eugene Yunker, Elyria
B.S. (Kent State University)
David Carl Zangmeister, Bellevue
B.A. (Capital University)
Jack Alan Ziegler, Ashland
B.S. (Eckerd College)
Gregory Stephen Zinni, Youngstown
B.S. (University of Cincinnati)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Karen Sue Adams, Leesburg
Mark Patrick Ansell, Columbus
Catherine Ann Ashcraft, Newark

Michael Christopher Townsend, Jr., Lakewood
B.S. (Xavier University)
Timothy Allen Treece, Dublin
B.S.
John Francis Vage, Cuyahoga Falls
B.S. (University of Cincinnati)
B.S. (University of Massachusetts); M.S. (Rutgers University)
Gregory Ray Vest, Dayton
B.S. (Miami University)
William Edward Walsh, Jr., Hubbard
B.A. (University of Cincinnati)
Sharon Elizabeth Washington, Kingston, N. Y.
B.S. (Cornell University)
Douglas Phillips Webb, Cleveland
B.A. (Middlebury College)
Janet Louise Wendeln, Kettering
B.A. (University of Dayton)
Pamela Diane West, Springfield
B.S. (Kent State University)
Gwynette Marshall Williams, Westerville
B.S.
Marcia Lynne Williams, Uniontown
B.S. (John Brown University)
Peter Jerome Wilson, Toledo
D.V.M.
John W. Winzenread, Columbus
B.A.
Jonathan D. Wright, Lima
B.A. (Ohio Wesleyan University)
Kenneth Arden Yaussey, Willoughby
B.A. (Ohio Northern University)
Joseph John Yohn, Columbus
B.S.
Douglas Eugene Yunker, Elyria
B.S. (Kent State University)
David Carl Zangmeister, Bellevue
B.A. (Capital University)
Jack Alan Ziegler, Ashland
B.S. (Eckerd College)
Gregory Stephen Zinni, Youngstown
B.S. (University of Cincinnati)

Sarah Lindsay Bear, Toledo
Deborah Michelle Bejian, Wickliffe
James Allen Benedict, Niles
Dennis John Bilas, Youngstown
Cynthia Ray Birney, Richmond
Paul Patrick Braunlin, Dayton
Deborah Diane Brown, Alexandria
Ronald Vincent Bucci, Steubenville
Denise Ruama Burger, Golden, Colo.
Ann Adams Huston Burk, Columbus
Deborah Kay Carpenter, Toledo
Julie Lee Cato, Fairborn
Thomas Patrick Chikocoski, Struthers
Daniel F. Clark, Worthington
Terry Lynn Cobbs, Westerville
B.S.
John Orville Connolly, Medina
Michelle Phyllis Conti, Cleveland Heights
Vonda Lee Cornett, Hamilton
David Lee Czybski, Wintersville
B.S. (College of Steubenville)
Susan Lynn Daubenmire, Lancaster
Darshan Marie Develvis, Marietta, Ga.
Glenn Alan Dickmann, Columbus
B.A. (Miami University)
Ellen Elizabeth DiRutigliano, Solon
David Michael Dixon, Columbus
John Patrick Dolan, Newark
Karen Marie Dorsten, Kettering
Monique Rene Dubay, Day.
Mark Steven Dubinsky, Ravenna
Mark Eldon Dumond, Columbus
Kathleen Sue Edwards, Orrville
Amira Teya El-Darb, Kent
Laura Ann Ellinger, West Jefferson
Karen Sue Fedeshen, Hubbard
LeAnn Jay Fenner, Columbus
Kirsten Jean Fornell, Washington, D. C.
Mary Margaret French, Andover
Steven Jay Fried, Youngstown
Sharon Ann Galonski, Macedonia
Anne Beatrice Martin Gehres, Painesville
Constance Marie Geraci, Cincinnati
Katharine Sue Gesies, Holgate
Diane Gleyzal, Painesville
Michelle Lynn Godfrey, Akron
Sheldon Neil Gold, University Heights
Karen Marie Gornall, Reynoldsburg
Tricia Lynne Green, Fairlawn
Janet Marie Griesdaleberger, Sandusky
Cynthia Ann Hall, Delaware
Kimberly Jean Hamilton-Holmes, Columbus
B.S. (University of Toledo)
Barbara Clare Hayden, Cuyahoga Falls
Carol Anne Heihling, New Philadelphia
Beverly Ann Hoffman, Columbus
Michael Lynn Hogan, Oak Harbor
Cheryl Vilma Homon, Circleville
Kari Lynn Horton, Canton
Lynn Louise Hudak, Cleveland
Carol Eileen Huffman, Willoughby
Catherine Patricia Hughes, Columbus
Shelly Kay Hykes, Canton
Julie Marie Jaeger, Columbus
Nadine Marie Jakim, Lima
Kelly Ruth Johnson, Tallmadge
Sandra Lynn Jones, Springfield
Deanna Lynn Jurden, Delaware
Jennifer Ann Jurey, Wadsworth
Ann Kaye, Worthington
Renee Ann Kazimer, Webster, N. Y.
Jan Marie Keller, Galion
Kathy Ann Kenvelder, Fairfield
Cynthia Jane Kittner, Marion
Amy L. Kiss, Fremont
Kathy Sue Koch, Cincinnati
Kathleen Amy Kolb, Dayton
Karen Ann Krausbar, Cincinnati

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Kathleen Alice Offenberger, Malvern
Barbara Donna Palibogias, New Richmond
Loane Marie Perone, Worthington
Amy Louise Perttula, Shaker Heights
Amy Beth Pittman, Centerville
Lee Ann Polk, Dublin
Michele May Prewitt, Blanchester
Mary K. Pults, Columbus
Curtis Arthur Ramsey, Mansfield
Effieida Marie Rehlinger, Canfield
Amy Lynn Rosato, Columbus
Laura Sabo, Youngstown
Amy Offutt Schindler, Parma
Elizabeth Ann Schopp, Brunswick
Pamela Marie Schultz, Cleveland
Jennifer Grace Sears, Miamisburg
Kyna Lynne Setser, Sidney
Gail Susan Sheafer, North Olmsted
Colleen Marie Shealy, Tiro
Loretta June Shrier, Broadview Heights
Susan Estelle Small, Defiance
Stephanie Leah Solomon, South Euclid
Karen Louise Soltes, Cleveland
Michelle Denise Springer, Bath
Helen Erna Stehr, Ashstuba
Susan Jane Stieper, Brook Park
Susan Bernadette Tappan, Cleveland
Jennifer Lynne Toda, Strongsville
Terresa Ann Tomko, Lowellville
Marsha Kay Tschop, Lanhurst
Renee Lynn Ucchino, Warren
Cathy Dee Updegraff, Columbus
Sonja Christine Vukovich, Youngstown
Dawn Marie Warehouse, Wilmington
Lori Sue Wegner, South Holland, Ill.
Diane Evelyn Werner, Bellevue
Gwendolyn Elaine Wilson, Marion
Susan Lisa Wirth, Parma
Kathleen Ruth Wood, Cambridge
Jaclyn Ilene Yashon, Columbus
Karen Jo Yeary, Columbus
Magdalene Dawn Gaedtke Corbin, Columbus
B.S. (Ball State University)
Jack L. Ewan, Jr., Defiance
D. Douglas Friend, Troy
Lisa Ann Fulks, Canfield
Michael Patrick Gilliland, Columbus
B.S.
Robert J. Glosik, Seven Hills
William Joseph Guappone, Cincinnati
B.A. (University of Notre Dame)
Michael Bruce Gural, Fairborn
Joseph Allen Hatalis, Newark
David Michael Harenstein, Bloomington
Ted James Harvey, Lexington, Neb.
Robert Lee Holly, Grand Island, Neb.
Anna Kopelew Hopkins, Columbus
Phillip Brian Jacobs, Springfield
Matthew Ernest Jones, Columbus
Gene F. Knagse, Minster
B.S.
Daniel S. Krutch, Beachwood
David Lee Kroninger, Gahanna
B.A., M.S.,
Albert Raymond LaMotte, Forest Lake, Minn.
B.A. (Concordia College)
Robert C. Layman, Toledo
B.A. (University of Toledo): B.S.
Jonathan Dane Lucas, Portsmouth
Tina Cirino Martin, Whitehouse
James Robert Maul, Mansfield
B.S.
Brett Dennis McVey, Findlay
B.S. (Bowling Green State University)
Thomas J. Moore, Cedar Rapids, IA.
B.S. (Marquette University); M.S.
Kathleen A. Murphy, Newark
B.A. (Miami University)
Ronald A. Pyra, Rockwell, St. Louis
B.A. (Wilmington College)
Susan Gibson Quinn, Warren
Cheryl Janise Reed, Akron
B.S. (University of Akron)
Timothy Edward Reineck, Fremont
B.S.
Karen Angela Rice, Columbus
James C. Robinson, Waterville
Vigor Mark Rosen, Lorain
B.S.
Robert Stearns Russell, Bexley
B.A. (Plattsburgh State University, SUNY)
Beth Leigh Savage, Chesterland
John David Seng, Dover

*Lawrence B. Shaffer, Fairlawn
Trent Arthur Sponsor, Shelby
B.S. (Cleveland State University)
Eric Glenn Stocker, Worthington
Park Alan Studebaker, Dayton
B.S.
George D. Taylor, Hillsville
David William Timochko, Parma
B.S. (Bowling Green State University)
Thomas R. Tuit, Worthington
Mark G. Tuft, Northwood, N. D.
Sue Ellen Van Dootingh, Sandusky
B.S. (University of Toledo)
Jason C. Witters, Greenville

College of Pharmacy

Dean: Albert H. Sosolow

Bachelor of Science in Pharmacy

Patricia Erin Barnett, Columbus
Jeffrey Paul Bonner, Mt. Vernon
Mary Jo Bosu, Willowick
Cynthia Lou Burns, Solon
Carolyn Butkiewicz, Cleveland
Gwenda Gay Christian, Oak Hill
Peter Dixon Clouse, Columbus
B.S. (University of Toledo)
Douglas Lee Cotsamire, Ada
Mary Ellen Dunz, Newark
Mary Catherine Anne Devlin, Youngstown
Susan Jean Piekfenthal, Walbridge
Jean Cecilia Drexler, Akron
Mary Patricia Fayer, Lakewood
Mary Beth Fedeshen, Hubbard
Gary Francis Galletta, Struthers
John Michael Gnaowski, Brooklyn Heights
Fred Douglas Hensley, Columbus
B.A. (Miami University)
William David Hipp, Lebanon
Jumald Ross Hughes, McDonald
Linda Sue Johnson, Logan
William Andrew Kasper, Ravenna
Shelia Eileen Kerr, Canton
Lynne Ellen Kimura, Euclid
Thomas Alan Kocarek, Painesville
Gerald Lee Kramer, St. Henry
Charles Jordan Lawrence, Akron
B.S. (University of Akron)
Ernest John Lee, Pickerington
B.S. (Ohio University)
Nicholas Libertin, II, Campbell
Dale Jay Linebaugh, Columbus
Richard James Loeser, Tiffin
Scott Alan Loveloy, Montclair, N. J.
B.S. (Montclair State College)
Christy Lynn Madison, East Liverpool
Joseph Henry Mayer, Wadsworth
Jay Stuart McCarley, Georgetown
Mary Beth McClelland, Chardon
Susan Mendiola, Ravenna
Walter Adam Mendyka, Westlake
B.S.
Karen Lynne Meyer, Bryan
College of Social Work
Dean: Robert O. Washington

Bachelor of Science in Social Welfare
Beverly Adelman, Cleveland
Joseph P. Armstrong, Columbus
Rebecca Suzanne Bagby, Columbus
Wayne Barry, Findlay
Lea Ann Blair, Pataskala
Pamela Ann Brodnik, Solon
Amy Lou Chestnutwood, Lodi
Carla Frances Cimoroni, Beachwood
Deborah Lee Claggart, Delaware
Kim Marie Connelly, Pollock Pines, Calif.
Janet Anne Cool, Columbus
Karen Sue Cooper, Westerville
Jill Mae Cox, Greenwich
Lisa Marie Cross, Continental
Julia Cruz, Lorain
Edelina Sue Damron, Galena
Linda Ann Davey, Delphos
Victoria Lynn DeMatteis, Columbus
Linda Dicker, South Euclid
Deneen De Donaugh, Postoria
Anne M. Donohue, Lyndhurst
Drinda Kay Dye, Wooster
Wendy Elaine Fenger, Lodi
Sally Jean Fosler, Columbus
Carrie Sue Foster, Columbus
Robin Lea Foulk, Worthington
Pamela Irene Franc, West Chester
Mary Jorie Lynne Frazier, Newark
Michael Robert Futy, Mansfield
Rochelle LeAnn Gardner, Westerville
Jill Diane Getrost, Coko, Fla.
Anita Marie Gonsell, Reynoldsburg
Cynthia Louise Graffius, Canfield
Patricia Louise Gray, Columbus
Maurita Victoria Hackett, Wilmette, Ill.
Marilyn Kay Hall, Newark
Nancy Susan Hamer, Beachwood
Jon Thomas Hanapowicz, Cuyahoga Falls
Susanne Marie Hawley, Silver Lake
Margaret Ann Haynes, Centerville
Caroline Marie Hirsch
Karla S. Hochberger, Toledo
Deborah Lee Hooper, Reading

Katheryn Marie Houston, Youngstown
Cathleen Hiner, Wauseon
Mary Sylvia Hyde, Warren
Blanche Arlene Jackson, Cleveland
Mary Margaret Juro, North Ridgeville
Laura Kaye, Bloomville
Christine Marie Kidwell, Columbus
Kimberlee Kinney, Bollesfontaine
Susan Jeanette Kreider-McClelland, Columbus
Betty Anne LaRosa, Parma
Suzanne Marie Lehman-Holding, Reynoldsburg
Karen Anne Lowe, Mentor
Sarah Ann Luken, Columbus
Jacquelyn Kay McFadden, Monroeville
Judith Ann McLain-Porter, Parma
Helen Claire McNamara, Mansfield
Judy Ann Manfred, Steubenville
Monica Mang, Westlake
Karen Ann Meyer, Bellevue
Rebecca Ann Mobley, Cambridge
Margaret Mary Mumaw, Orlando, Florida
Peggy Lynne Myers, Columbus
Patricia Newman, Worthington
Margaret Ann Nieh, Miller City
teresa Dawn O'Dell, Springfield
Joy Chinyere Odor, Lagos, Nigeria
Diane Louise Pescock, Cincinnati
James S. Petroff, Jr., Mansfield
Marie H. Philips, Springfield
Diana Lynn Pocco, Louisville
Peter Norman Presley, Columbus
Alyson Ramsay, Brycusc
Cindy Ruthin, Vermilion
Robin Jeanette Rau, Worthington
Jeri Joan Redding, Columbus
Heidi Jean Reichenbach, Kent
Donald Lewis Rhodes, Westerville
Frances Lee Robbins, Marion
Beverly Denise Robinson, Cleveland
Roger Lyle Runser, Lima
Marion S. Sabado, Mayfield Heights
Scott David Schlachter, Cleveland Heights
Megan Marie Schneider, Columbus
Alice Suzanne Scott, Columbus
Nancy Louise Scott, Ashtabula
Paula Georgette Shearer, Jeromesville
Amy Beth Sherman, Columbus
Connie Lynn Sowers, Cincinnati
William John Squier, Niles
Thomas Joseph Stacho, Cleveland
Diane Mary Stroemple, Strongsville
Nanette Simone Super, Strongsville
Marcella Lyn Sutherland, Aurora
Tina Lynn Szmania, Toledo
Sheryl Ann Trone, Worthington
Amy Lynne Tucker, Springboro
Cynthia Lee Weaver, Mentor
Paola S. West, Beaver Creek
Kim Marie Williams, Waterville
Matilda Woods, Coebonnton
Elizabeth Ann Yocom, Dayton

College of Veterinary Medicine
Dean: Ronald A. Wright

Doctor of Veterinary Medicine
Nancy Fay Adams, Walton, Ky.
Ronald Carl Anders, Columbus
Scott Karl Andersen, Upper Marlboro, Md.
Elaine Mary Arnesault, Concord, N. H.
Gary Gene Beall, Dayton
Kathy Joanne Bennett, Ft. Washington, Md.
Sherry Lorraine Billett, Wildwood, N. J.
Joy Faith Bishop, Columbus
Warren Linn Black, Hebron
Christopher Reid Blauser, Tipp City
John Edward Bolh, Sardinia
Joanne Bradford Bonham, Cincinnati
Neil Bert Bonham, Cleveland
Diana Laver Bowman, Columbus
Randi Diane Brannon, Toledo
Jeffrey Allen Buchs, Amherst
Paul Wilson Buck, Columbus
Jeff Eugene Byers, Loudonville
Amy Ruth Campbell, Arlington, Va.
Richard Harvey Carstensen, Martin
Julia Louise Carter, Winston-Salem, N. C.
Grace L-May Chang, Columbus
Juanma Sung-Kuen Chin, Columbus
Mary Anthony Christine, Middlefield
Leslie Kasdorf Cramer, Columbus
John Robert Cummins, Lexington, Ky.
Leighann Daristotle, Fairmont, W. Va.
B.S. (West Virginia University)

James Joseph Dashbach, Columbus
B.S.

Barbara Constance Day, Brecksville
B.S.

Frederick John Diedrich, III, Columbus
Thomas Edward Birdsey, Cincinnati

Ellen Emily Dryer, Cincinnati
B.A. (Miami University)

Daryl Gene Easley, Paris, Ky.

David Scott Etie, Euclid
B.S. (Cleveland State University)

Thomas John Fatora, Parkersburg, W. Va.
B.S. (West Virginia University)

Deborah Ann Ford, Galloway
B.S.

Kirk Wesley Forrest, Tiffin
B.S.

Ellen Sue Foster, Dayton

Glenn Robert Frank, Cincinnati

Lisa Marie Fulton, Toledo
B.A. (Miami University)

Mark Alan Garhart, Edon
B.S. (Ohio University)

Chris Wellen Gilbert, Greenville
B.S.

Pamela Fisher Goehring, Canton
B.S.

Robert Zell Goodman, Cleveland Heights
A.B. (Miami University); M.Sc.

Dwain Keith Groby, Jr., Fairborn
B.S.

Kelly Ray Grant, West Carrollton
Charlisie Wagner Green, Lancaster
B.S.

Samuel Lee Grosselose, Welch, W. Va.
B.S. (Hampden-Sydney College)

Mary Lynn Gulledge, Morven, N. C.

Mark Paul Haverkos, Loveland
B.S. (University of Dayton)

Eleanor Carroll Hawkins, Pasadena, Md.
B.S. (University of Maryland)

Jeffrey Russell Hayes, Cleveland
B.A. (Augustana College)

Mary Katherine Hazelton, North Olmsted
Lowell Mark Hedges, Prospect

Barry Allen Heineke,
Highland Heights, Ky.
B.S. (Northern Kentucky University)

Laura Amelia Hirt, Fremont
B.S.

Hannah Marie Hitesman, Hopewell, N. J.

Melinda Decker Holland, Lancaster
B.S.

Christine Marie Howard, Franklin
B.S. (University of Kentucky)

Melanie Jona Hull, Gallion
B.S.

Paul Joseph Hunter, Wilmington
B.S.

Amir N. Iazd, Akron
B.S. (University of Akron)

Sherman Wessel Jack, Tahoma Park, Md.
B.S. (University of Maryland)

Judith Sheridan Jackwood, Bel Air, Md.
B.S. (University of Delaware)

Pamela Ann Jaffke, Toledo
B.S.

David James Jasko, Avon Lake
B.S.

Seth Aron Kaplow, Tenafly, N. J.
B.S. (Kent State University)

Craig Kelleher, North Hampton, N. H.
B.S. (Michigan State University)

Mark Sherman Ketner, Bowling Green
B.S.

Holly Ann Koenig, Garfield Heights
B.S. (Cleveland State University)

Timothy Leland Kolb, Fairborn

Brian Scott Krausn, Rome, N. C.
B.S. (North Carolina State University)

David Lee Krugh, Ohio City

Jean Guard Lewis, Raleigh, N. C.
B.S. (North Carolina State University)

Kurtis Dale Litjeberg, Cleveland
B.S.

Scott William Line, Findlay
B.S.

Brenda Isabel Long, Columbus
B.S. (St. Lawrence University)

Deborah Susan Lutz, Lima
A.B. (Miami University)

John Charles Lutz, Lima
A.B. (Miami University)

Valerie Sheets Mackey, Gallipolis
A.S. (Rio Grande College); B.S.

Fred Anthony Mann, Ashland, Ky.
A.A.S. (Morehead State University)

Michael Adam Martello, Steubenville
B.S., M.S.

Richard Edward Martin, Newark
B.S.

Camille Jeanne McArthur, San Diego, Calif.

Stephen August McPherson, Hamilton

Debra Susan McVey, Haw River, N. C.

Christopher Bryan Mechal, Lynnfield, Mass.
B.S.

Charles Frederick Morris, Dayton
B.S., M.S. (Wright State University)

Carl David Morrison, III, Paris, Ky.
B.S. (Centre College)

Carol Jayne Osborn, Columbus
B.S.

Mary Rippey O'Shaughnessy, Kennbunk, Me.
B.S. (University of New Hampshire)

Thomas James Paisley, III, Ashataba
B.S. (Hillsdale College)

Chester David Paluchowski, Piscataway, N. J.

Richard Francis Papp, Jr., Warren
B.S.


Jeff Alan Poland, Conshohocken

William Donald Pratt, Endicott, N. Y.
A.A.S. (Alfred State College); B.S. (Cornell University); M.S.

William Joseph Reagan, South Euclid

Timothy James Rice, Cleveland
B.S.

Peter James Richie, Columbus
B.S. (University of Maine); M.S.

Jeffery Alan Richman, Beachwood
B.S.

Beverly Louise Roeder, Newark
B.A. (Wittenberg University)

Joseph Michael Romano, Clarkesburg, W. Va.

Dominique Marcelle Roubet, Cleveland
B.S. (Rutgers University); M.S.

Susan Marie Saliga, Rahway, N. J.
B.S. (Cook College)

Craig Francis Sarver, Marietta
B.S.

Joelita Marie Sberna, Bellevue
B.S.

Alice Beth Schottenstein, Columbus
B.S., M.S.S.A. (Case Western Reserve University)

Allan Wallace Schulze, West Chester
B.S.

Paul Allen Schwartz, Norwalk
B.S.

Primrose Anne Sedmak, Cincinnati
B.S. (Wright State University)

Jeffrey David Shafer, Columbus

Thomas Malcolm Sherwood, Richmond Heights

Michael Glenn Shields, Cirtice
B.S. (Bowling Green State University)

Larry Alan Sienkiew, Milford, N. J.
B.S. (Delaware Valley College)

James Theodore Southard, Jr., Toledo
B.S. (Washington and Lee University)

Carolyn Primuth Standen,
Cleveland Heights; B.S.

Paul Richard Stephenson, South Euclid
B.S. (Cleveland State University)

Edwin John Stone, Marion, Va.

Robert Lynn Stottlemeyer, Columbus

Steven Grant Statemeyer, Cincinnati
B.S. (University of Cincinnati)

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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 Agricultural Economics
Gregory Lee Sharp
Jon Gregory Squires

With Distinction in Animal Science
Sean Patrick Kelleher
Marcia Ann Lenox

With Distinction in Biochemistry
Damian Banaszak

With Distinction in Electrical Engineering
Shawn Pleasants

With Distinction in Environmental Communications
Mary Kim Raderstorf

With Distinction in Environmental Education
Brent Joseph Devitt

With Distinction in Forest Resource Management
Mark Francis Golitz

With Distinction in Health and Demography
Jane Anne Dunham

With Distinction in History
David Howard Steigerwald

With Distinction in Home Economics Education
Lynne Decker Hall
Tami Lee Bunnell

With Distinction in Home Management and Housing
Pamela Jean Gordon

With Distinction in Horticulture
Thomas Clyde Waters
Neil Theodore Welch

With Distinction in Human Nutrition and Food Management
Robyn Amy Meizlish

With Distinction in Pharmacy
Scott Alan Lovejoy

With Distinction in Physical Therapy
Carol Eileen Huffman

With Distinction in Political Science
Joan Laura Carlin
Simon Paul St. John Hartor

With distinction in Political Science
Michael James Huerkamp

With Distinction in Psychology
Catherine Suzanne Garrett

With Distinction in Wildlife Management
Judith Beth Kerrigan

With Distinction in Zoology
Donna Ann Dewhurst

With Distinction in Black Studies and with Honors in the Liberal Arts
Rebekah Lucy Maples

With Distinction in Chinese and with Honors in the Liberal Arts
Bradley Lewis Tindall

With Distinction in Economics and with Honors in the Liberal Arts
Eric Andrew Freeland

With Distinction in Environmental Biology and with Honors in the Liberal Arts
Joseph Gerard Leahy

With Distinction in Physics and with Honors in the Liberal Arts
Mitchell Gregg Roe
With Distinction in Psychology and with Honors in the Liberal Arts
Allison M. Oprandi

With Honors in the Liberal Arts
Ted Allen Beitelshchee
MaryEllen Bigler
Christie Lynn Bishop
David Brent Brown
Anne Marie Kovalchuk
Susan Diane Kramer
Bradley Logan Kunz
Laura Ann Lander
Kathryn Ruth McCarron
Gary Neer
Regina Ellen Quinn
Marta Sajatovic
Ann Marie Juana Sarahia
Cynthia Kay Sfeir
Janet Patricia Steensma
Daniel Jeffrey Wilson
Thomas Michael Wood
Mark Andrew Youngkin

Cum Laude
Paul Brent Abramson
Kimberly Marie Adams
Ronald R. Ahrens
Lisa Ruth Akers
Diane Elizabeth Albert
Jennifer I. Allemand
John Steven Alspaugh
Jennifer Irene Amlin
Susanne Jean Andes
Kelly Cole Anspaugh
Martin Lee Appleton
Robert Francis Areny, Jr.
Shawn Renee Armstrong
Cindy Sue Arrid
Klain Mary Arsenault
Erick Eugene Baer
Kevin Charles Baun
Kathy Joanna Bennett
Gary S. Benancor
Dale Joseph Block
James Lou Brand
Joanne Marie Brossmer
Patricia Louise Brown
William Andrew Brown
Laura Ann Busby
Susan Marie Butters
Cynthia Gale Carson
Andrea L. Cellder
Gwenda Gay Christian
Virginia Cassidy Christman
Sarah Howland Clark
Kevin Lee Colpy
Robert B. Conklin
Paul Robert Conkling
Rebecca Ann Cook
Brenda Kay Cooperider
Mark Thomas Corredos
Leighann Dariostie
Gary Henry InBlasio
William Garrett Dodds
Thomas Edward Dorf
Cheryl Lynn Dorsey
Karen Marie Dotson
Andrew Calvin Downing
Jody Ann Drewes
Vicki Lynn Driggers
Colleen Marie Durbin
Haryl Gene Easley
Karen Lee Erkfeld
Richard Allen Erickson
Diane Sherri Paridit
Cheryl Ann Fassler
Matthew Dale Feikes
Kim Darrel Fleming
Barbara Ann Florence
Sally Jean Feoiler
Marjorie Lynne Frazier
David Howard Freund
David Douglas Friend
Lisa Marie Fulton
Ronald Kay Gaines
Rochelle LaAnn Gardner
Steven Anthony Gedeon
Emily Sue Ginglas
Ann Beatrice Martin Gehres
Jill Diane Getroot
Amy Elizabeth Glish
David Dwight Goltra, Jr.
Phyllis Marie Goodwine-Bradley
Ludmila Maria Gracian
Janet Marie Guendelberger
Douglas Edward Hall
Scott Edward Hanson
Wesley Frank Hall
Kevin Paul Hardman
Keri Jane Hart
Linda Elizabeth Hatch
Eleanor Carroll Hawkins
Christine Jo Heiser
Bradley Collins Hiner
Kimberly Diane Horton
Dianna Marie House
Amelia Louise Howard
Howard Wayne Hoyt
Steven Thomas Hughesgen
Tracy Lynn Hall
Jebbie Lynn Huntley
John Mark Hyde
Daniel Ebling Jackson
Jeanette Crom Jones
Timothy Allen Jones
James Alan Jorgens
Pauline All Kallenbach
Susan Marie Kamienski
Ann Kaye
Patrick Joseph Kelley
Susan Camille Kersell
Quinney Atterberry Kiracoie
Amy L. Kling
Holly Ann Keoning
Chris Scott Kuppe
Linda Lee Kohl
Gerald Lee Kremer
Marvin Lionel Krieg
Cheri Jane Kuhn
Kristine Ann Kunesh-Part
Linda Smith Lampton
Gina Maureen Lee
Mun Keung Leung
Sarah Ann Levinson
Nicholas Libertin, II
Robert Nathan Lindeman
Margaret Ann Colleen Lindner
Christina S. Lockett
Thomas Lombardo
John Hayes Ludwig
Liana Jean Lutz
Therese Marie Malone
John Anthony Marazza
John Francis Marcink
Beth Ann Martin
Kathleen Doloras Martin
John Andrew Maul, Jr.
Bernard Francis Mc Ardle

Nonette Renee McEnroe
David Richard McFarland
Hunter Alvin McGewee
Jane Schlemer Mellick
Margery Mendicino
Susan Mendolia
Lynn Ann Meyers
Martin William Mielke
Paul Anthony Mignosa
Christine Ann Miller
Jeffrey Stuart Miller
William Frederick Misler
Deborah Sue Mohr
James Martin Molnar
Thomas Joseph Miepke
Cari David Morrison, III
Chester Warren Murphy, III
Julie M. Murray
Laura Anne Mutchler
Thomas John Nau
Carolyn Ann Noak
Robert Walling Olfiphan
Patricia Lynn Olvera
Doughan Eugene Parksell
Laurn Marie Perone
Barbara Jane Pfeiffer
Marli Pfleger
Carol Joan Poling
Maria Pollici
Carol Joan Purcell
Susan Marie Pyle
Donna St. Clair Radcliff
Kenneth Earl Ramsey
John Richard Raymond
Caroline Anne Rayner
William Joseph Reagan
Cheryl Janis Reed
Robert Lester Reid
Alan Dale Reimbold
Graydon Alan Reitz
Sally Ann Reeying
Russell David Richardson
Mary K. Gene Robinson
Joseph Michael Romano
Gregory Elwood Rose
Janet Sue Ross
Thomas Kostas Rosvaris
Gregory Eric Rowan
Sean Michael Saccocio
Mark Alan Salisbury
David Allen Schlafer
Vicki Ann Schmitt
Elizabeth Ann Schorr
Brenda Sue Schult
Joan Guzzi Schwab
Randall Scott Schwartz
Mary Jill Selleke
Teri Lynn Shackelton
Susan Marie Shanahan
Haven Clark Shelton
Sharon McLaughlin Shemensen
Joanne Marie Sheppard
Leonard Saul Shutsberg
Susan Elaine Sigler
Teresa Rene Simpson
Julie Lynn Slaughterbeck
Daniel Michael Slutzker
Susan Estelle Small
Mark Allen Smith
Mark Warren Smith
Glenn David Southwick
Trent Arthur Spanoseller
John M. Stanton
Theresa Joan Stanton

588
William Frank Starie
Diana Kay Steed
David Alexander Stewart
Eric Glenn Stocker
Lisa Jo Stockwell
Arthur Leroy Stoller
Sue Ellen Styer
Daryl Robert Sybert
Regina Lee Taylor
Patricia Ann Taylor-Broberg
Kerry Dean Tedrow
Robert Bryant Thomas
Kay Elizabeth Thompson
Mark Eric Tilson
Nanette Renee Tipplett
Charles Samuel Tritt
Donna Elaine Truedell
Mark Glenn Tutte
John Ignatius Uhlenhake
Arthur James Vaughn
Rhonda Leigh Veach
Helen Florence Wadsworth
Wendy Adams Ware
Carol Ann Welsh
Stephen William Welter
Beverly Jane West
Mary Anne Witt
Thomas Eugene Wilkins
Barbara Jo Williams
Virginia S. Wilson
Carl Edward Wiser
Cynthia Marie Wood
Pamela Lynn Wolf
John Frederick Wolf
Cynthia Marie Wood
Debra Sue Worthington
James Bradley Young
Jack Alan Ziegler

Cum Laude with Distinction in Agricultural Economics
Thomas Jay Bollinger
Michael Spear Ray
B. Christopher Steiner

Cum Laude with Distinction in Agribusiness
Dana Mack Manneh

Cum Laude with Distinction in Animal Science
Pamela Lynn Blakelee

Cum Laude with Distinction in Biochemistry
Kevin Patrick Barton

Cum Laude with Distinction in Demography and Health
Ann Patricia Riley

Cum Laude with Distinction in Fisheries Management
Tracy Mark Murray

Cum Laude with Distinction in Forest Biology
Mark Charles Sprou

Cum Laude with Distinction in Home Economics Education
Rebecca R. Kilgore

Cum Laude with Distinction in Horticulture
Michael Andrew Koss
Patricia Eileen Petri

Cum Laude with Distinction in Human Nutrition
Marcia Lee Mitchell

Cum Laude with Distinction in Political Science
Sandra J. Dickinson

Cum Laude with Distinction in Poultry Science
Skip Yarus

Cum Laude with Distinction in Biochemistry and with Honors in the Liberal Arts
Gregory R. Bellomy

Cum Laude with Distinction in Criminology and Criminal Justice and with Honors in the Liberal Arts
Cathleen May Cover

Cum Laude with Distinction in Genetics and with Honors in the Liberal Arts
Janet Elaine Lewis

Cum Laude with Distinction in History and with Honors in the Liberal Arts
Norman Michael Reed

Cum Laude with Distinction in Philosophy and with Honors in the Liberal Arts
Michael A. Murphy

Cum Laude with Distinction in Psychology and with Honors in the Liberal Arts
John Anthony Gurklis, Jr.

Cum Laude with Distinction in Sociology and with Honors in the Liberal Arts
Loretta Lee Peckol

Cum Laude with Distinction in Zoology and with Honors in the Liberal Arts
Timothy Eugene Dicke

Cum Laude with Honors in the Liberal Arts
Anthony James Esters
Steven Bruce Kravitz
Bradley Johnathan Lewis
Cherry Lynne Poteet
Ann Price
Jonathan Showalter
Ann Elizabeth Towneley

Summa Cum Laude

Joyce Yenger Adair
Sandra Williams Anderson
Jeffrey John Barn
William Irvin Bauer
Christina Lee Bowman
Karin Bygel-Braunburger
Stephanie Ann Brett
Deborah Jane Brown
Eileen Mary Gelbneck
Susan M. Bucklew
Mary A. Carlisi
Janis T. Carter
Pamela Jayne Chaney
John Nelson Clark
Carlos Abel Claye
Russell Brian Cline
Linda Marie Coleman
Douglas Lee Cosimare
Beverly Ann Cox
Joan Elizabeth Crumpler
Susan Ann Curley
Linda Sue Dan
Karen Driscoll
Mark Jonathon Ellis
Susan Elaine Elmore
Richard Wayne Espe
Gary Robert Fankhauser
Keith Alan Fish
Kevin Patrick Flanagan
Ruth A. Fortney
Abigail Freeman
Susan Marie Fuller
Jane Ann Garvin
Mark Alan Gearhart
Karen Anne Gellat
Ellen Mary Gerlat
Dale Robert Gilliland
Cynthia Louis Graffius
Mark Allen Groeneweg
Jill Ann Harshberger
Jay Douglas Hathaway
Rebecca deSchweinitz Hays
Judith Marie Heeg
Jonie Anne Hentze
Christopher Stanley Herald
Gary Joseph Heydinger
Robert Gerald Hrymak
Judith Sherron Jackwood
David James Jasko
Elizabeth Ann Jones
Cynthia Kay Keller
Donald R. Kimble, Jr.
Richard Joseph Koba
Thomas Alan Koratz
Kathleen Amy Kolb
Donna M. Krenz
Mary Kathryn Kurtsitel
Charles Jordan Lawrence
R. Mark Lawrence
Susanne Marie LeMay-Hibinger
Richard Alroy Levy
Deborah Ann Lindner
Linda Kay Lookott
Jeffrey Ray Loushin
Karen Ruth Lowry
Gregory Paul Luza
Iwonna Marie MacFarland
Kathy Sue Marsh
Ronald Sherman May
Gail Ellen McLoda
Loretta Joan Melaragno
Marcia Mendicino
Linda Lee Meiberger
Russell Glenn Morgan
Carl Ricci Ober
James Donald Overmeyer
Catherine Ann Pape
Chris E. Paterson
Debra Jean Plein
Doris Ann Powell
Cheryl Eileen Pusti
Mark Otta Raber
Gregory O. Rake
Julie Anne Rhine
Christina Faye Runyon
Scot David Sarge
Sabrena Jane Schweyer
Carl Robert Schulz
Lisa Lyn Sczublewski
John Kenneth Seavers
John Nick Sekas
Larry Gilbert Siferd
Michaela Marie Smith
Susan Renee Squire
Diane Mary Stroemple
John Alfred Thomas
Philip D. Turner
Peter Mark Van Buren
Bradley T. Vander Zanden
Sonia C. Vukovich
Thomas Michael Warden
Andrew Michael Weber
Peter Jerome Wilson
Mary Kathleen Wylie
Kathryn Kay Yazel
Danny Yee
Lillian Yee
Mary Jean Zontek

Summa Cum Laude with Distinction in Accounting
Diane Kay Horst Hill

Summa Cum Laude with Distinction in Agricultural Economics
Gary Donald Schnitkey

Summa Cum Laude with Distinction in Agricultural Engineering
Sue Ellen Nokes

Summa Cum Laude with Distinction in Economics
Ernest Eugene Vargo, Jr.

Summa Cum Laude with Distinction in Electrical Engineering
Donald Felt Kimball

Summa Cum Laude with Distinction in English
Elizabeth Jo Stealy

Summa Cum Laude with Distinction in Home Management and Housing
Linda Susan Plimpton

Summa Cum Laude with Distinction in Human Nutrition
Kevin Dale Schlessei

Summa Cum Laude with Distinction in Mathematics
Joseph John Rushanan

Summa Cum Laude with Distinction in Physics
Heidi Renee Mitchell

Summa Cum Laude with Distinction in Psychology
Joan Rae Rentsch

Summa Cum Laude with Distinction in Chemistry and with Honors in the Liberal Arts
William Lewis Roberts

Summa Cum Laude with Distinction in Computer and Information Science and with Honors in the Liberal Arts
Dean Thomas Allemang

Summa Cum Laude with Distinction in Mathematics and with Honors in the Liberal Arts
Karim Joseph Mourad

Summa Cum Laude with Distinction in Political Science and with Honors in the Liberal Arts
Rocky Edward Black

Summa Cum Laude with Honors in the Liberal Arts
Judy Haejung Cho
Page 592 is blank
The Board of Trustees met at its regular monthly meeting on Thursday, June 10, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
June 10, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, 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.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

INTRODUCTION OF NEW BOARD MEMBER

Mr. Smith:

I am delighted to introduce Mrs. Shirley Dunlap Bowser, Williamsport, Ohio, whose appointment was announced by Governor James A. Rhodes for a term beginning May 14, 1982 and ending May 13, 1991, to succeed Chester Devenow, whose term expired.

Mrs. Bowser graduated from The Ohio State University in 1956 with a Bachelor of Science in Education degree. While pursuing her undergraduate degree, she was a member of Kappa Kappa Gamma sorority. She was selected for membership in Alpha Lambda Delta, Mirrors, Chimes and Mortar Board honoraries.

Mrs. Bowser is the corporate secretary of The Dunlap Company of Williamsport, Ohio.

Mrs. Bowser served as a member of the Westfall Board of Education from 1964 until 1972 and as president of the board from 1966 until 1970. She was media librarian for the elementary schools of the Westfall Local School District.

She is a member of the Central Ohio Advisory Council for the Development of the Central Ohio Water Plan, a member of the Pickaway County Planning Commission and a member of the Williamsport Park Commission.

She was appointed by Governor James A. Rhodes to the Recreation and Resources Commission of Ohio Department of Natural Resources and was elected the first woman Chairman of the Commission.

She is a trustee for the Ohioana Library Association.

Mrs. Bowser is a charter member of the Circleville Branch of American Association of University Women, a member of the Presidents Club and a member of the Williamsport United Methodist Church.

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June 10, 1982 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1982-83

Resolution No. 82-111

WHEREAS the appointments to Committees 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 1982-83 are as follows:

Educational Affairs Committee

Leonard J. Immke, Chairman
Daniel M. Galbreath, Vice Chairman

Fiscal Affairs Committee

John F. Havens, Chairman
Edmund C. Redman, Vice Chairman

Standing Committee on Agricultural Affairs

Daniel M. Galbreath, Chairman
John M. Stackhouse, Vice Chairman, ex officio

Student Affairs Committee

John W. Berry, Chairman
Leonard J. Immke, Vice Chairman

Personnel Committee

Warren J Smith, Chairman
John D. Jacob, Vice Chairman

Development Fund Board of Directors

John W. Berry

Inter-University Council

John D. Jacob

Research Foundation Board of Directors

Edmund C. Redman (April 1983)

University Hospitals Board

Daniel M. Galbreath
D. James Hilliker

Edmund C. Redman
June 10, 1982 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1982-83 (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 1982-83 be approved.

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

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COMMENTS BY DR. RICHARD GILSON

Mr. Smith:

Richard Gilson, who is the Chairman of the Steering Committee of the Senate, has asked to speak to the Board.

Dr. Gilson:

Thank you, Mr. Smith and Board members and Mr. President. This is making my first comments and last comments as the Steering Committee Chairperson and as proof of that point, I’d like to recognize Professor Herb Asher, Professor of Political Science, who succeeds me as the Chairperson of the Steering Committee. Herb has been the Chairperson of the Legislative Affairs Committee during an important year and has rallied students and faculty alike and has some important endeavors downtown. I’m sure he will do an outstanding job.

I’d also like to note that the faculty voted for Professor Richard Firestone to be Chairman of the Faculty Council. Professor Firestone is a Professor of Chemistry, and he replaces the irreplaceable--Professor Michael Gerald who has been this year a delight to work with.

Also, I would like to thank and congratulate one of our departing Steering Committee members, Provost Ann Reynolds. Best wishes to her in her new position as the Chancellor of that monstrous system out there in the State of California.

Secondly, I’ve had the privilege this year of observing this Board’s actions during a very difficult year, and I feel it would be helpful as Janet Martin said before to have all our faculty members observe Board activities and see what the Board does. I realize that’s impossible. Many on campus regard the Trustees like a trust in the sense that a trust is far removed and oftentimes inactive. This Board is far from that. It’s been concerned, interested, and active in bringing about not only people throughout the state but on campus as well and during this year’s challenges, and for that, I think this campus owes you an appreciation, and I bring that to you--in particular for the support this year for this University during the
ONGOING BUDGET CRISIS. Many don’t realize the amount of efforts that this Board has contributed to this ongoing crisis, and I would like to bring our thanks from the faculty and from the students for the work this year.

And secondly, we feel that you’ve made an exemplary choice in our new President, Dr. Edward Jennings, and for that we applaud you as well.

Indeed, during this year the ongoing budget—it’s evident that a number of universities have not made it through this year without questioning the very survival of the quality of their institutions—OSU, however, has made it through this year with students, faculty, administrators, and the President working together and very hard indeed to maintain the high quality of Ohio’s flagship institution—The Ohio State University.

Accordingly, and I think appropriately, the Steering Committee proposed and the Senate unanimously passed as its final action of the year, the following resolution which I would like to read to you:

WHEREAS Edward H. Jennings became the tenth President of The Ohio State University on September 1, 1981; and

WHEREAS President Jennings has demonstrated remarkable leadership in working with faculty, staff, and students throughout this first year of his presidency; and

WHEREAS the University Senate appreciates the efforts President Jennings has made to emphasize the excellence of this institution:

NOW THEREFORE

BE IT RESOLVED, That the University Senate congratulates President Jennings for his accomplishments during his first year in office and urges him to continue in this fine manner during the years to come.

And I note that that is one of the Senate resolutions—mostly it’s at the end of a term and this is the beginning of the term. Thank you.

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BUDGET 1982-83

Resolution No. 82-112

Synopsis: The Budget for 1982-83 is being submitted for adoption.
June 10, 1982 meeting, Board of Trustees

BUDGET 1982-83 (contd)

WHEREAS the projections of current State revenues for the 1981-83 biennium are insufficient to support the budget adopted by the State for the current biennium; and

WHEREAS this University has made or initiated expenditure cuts which now total $42 million for the 1981-83 biennium; and

WHEREAS the General Assembly currently has under consideration a funding bill to resolve a part of the State's revenue shortfall; and

WHEREAS this University must proceed with its budget for 1982-83 to be effective July 1, 1982, even with the current uncertainties in State revenues:

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for Fiscal Year 1982-83, as described in the accompanying text and tables, be approved with authorization for the President to make expenditures within the projected income levels, including making additional reductions in expenditures as appropriate should no new funding legislation be enacted before July 1, 1982; and

BE IT FURTHER RESOLVED, That the student fees be increased by an average of 12 percent beginning Autumn Quarter, 1982, and that the Schedule of Student Fees for the Autumn Quarter, 1982, 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 1982-83, and to file these materials with the official records of this University.

Mr. Smith:

Before I ask for a motion and a vote on the President's budget recommendation, I would like to make the following statement.

It seems that it was only yesterday that this Board was in the process of selecting a new president. As a matter of fact, it was on the evening of June 11, 1981, that this Board announced that Edward Jennings had been recommended by the search committee for appointment as the tenth President of The Ohio State University. In reflecting back on that announcement and all that has transpired since—the normal problems associated with leadership transition, compounded by a series of excruciating budget cuts and the resulting need to make institutional adjustments; and the struggle to achieve a degree of stability for the university—I think we all can appreciate the enormity of the problems just in this area alone which the President has had to deal with during his first year. He is to be commended for a job well done. It should also be noted that his effective leadership relative to the ordinary, day-to-day affairs of the University is equally deserving of meritorious recognition.
June 10, 1982 meeting, Board of Trustees

BUDGET 1982-83 (contd)

Mr. Smith: (contd)

All would agree that there are no ultimate ways to give recognition to President Jennings for his superb efforts and exemplary performance during his first year. However, this Board strongly believes that some recognition of the President’s achievements is warranted at this time in the form of compensation adjustment. In addition, in order that the Board may regularize the review of the President’s compensation so that the timing coincides with the review process pertaining to University faculty, administrative staff and Classified Civil Service salaries, I am pleased to report that the Personnel Committee has recommended that effective July 1 President Jennings’ salary be increased by 10 percent.

It is worth noting that even with the proposed increase, President Jennings’ compensation will still not be commensurate with that of several Presidents of Big Ten and other peer institutions.

I would like to ask for a motion to approve the President’s budget recommendations as well as the recommendation of the Personnel Committee as noted in this report. Do I have a motion?

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

1982-83 CURRENT FUNDS BUDGET FOR THE OHIO STATE UNIVERSITY

I. INTRODUCTION

In December, 1981, this Board approved a budget for fiscal year 1981-82 which also referenced budgetary projections for 1982-83 covering salaries, general expenses, and tuition.

In January, 1982, we were informed that the State of Ohio anticipated a revenue shortfall for the current biennium of at least $1 billion. The Ohio State University’s share of that deficit was estimated to be $55 million. Our new estimate, based on more current data, is that the 1981-83 biennium revenue shortfall for this University will be $56.6 million, assuming no further legislative action.

In response to this serious financial situation, a retrenchment program was initiated in January to reduce by $19.6 million the University’s budget for the remainder of the 1981-82 fiscal year. The remaining $37 million retrenchment was to be addressed during 1982-83, unless the General Assembly took action to help accommodate the deficit.

As of this date, both the Ohio House and Senate have passed a budget bill that essentially resolves the state’s deficit by asking for cuts and tax increases in about equal proportion. This bill currently is in conference committee, and we are confident that the House and Senate will agree upon and pass a common bill soon.
Although it was our intent to wait until legislative action was completed before recommending a budget for 1982-83, we cannot wait any longer. Our goal has been to provide more fiscal stability to allow faculty, staff, and students to plan for next year. Unless we proceed, the stability we hope to establish will be endangered.

Students must know of tuition and residence hall rates before the end of Spring Quarter. Faculty and staff notices of appointment must be issued. Finally, deans, department heads, and directors must be able to implement their plans for the coming fiscal year and be able to assume budgetary authority on July 1, so that their academic responsibilities can be met.

Accordingly, two budgets for 1982-83 are being recommended. One version includes, in addition to the $42 million in expenditure cuts implemented this biennium, an additional $8 million retrenchment in the event that a new funding bill is not passed. The other includes additional planned expenditures to be implemented if the General Assembly agrees on a bill that allows us to avoid starting the Fiscal Year facing more budget cuts. The budget preparation guidelines are the same for each version. These budgets incorporate both the plans brought to the Board in December, 1981, and the cutbacks instituted in January, 1982.

II. SOURCES OF FUNDS

The sources of current funds in support of the 1982-83 budget total $644,834,000, as detailed in the schedule of Sources of Income to Support 1982-83 Budget. This amount is based upon State support being cut by $37 million from the level appropriated in the budget bill enacted in November, 1981. Pending action by the General Assembly is expected to result in restoration of $17 million in State support for this University for 1982-83. If no action is taken by the General Assembly before July 1, 1982, additional budget cuts will need to be initiated during 1982-83 in order to avoid a deficit. The revenues for 1982-83 represent an estimated increase of 6.5 percent over current funds revenues budgeted for 1981-82. Of these sources, 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 6 percent.

While our projections for 1982-83 made this past December did not include a tuition increase, one clearly is required now. If we are to remain a viable institution of quality higher education, students must bear at least a moderate rise in the cost. We must, however, continue every effort to maintain accessibility. Therefore, the average increase in student fees has been set at 12 percent effective Autumn Quarter, 1982.

In addition to higher tuition, students face price increases in such other areas as residence halls, health insurance, parking, and extracurricular activities. Therefore, increases in normal charges assessed by the University have been limited to a combined average of no more than 12 percent. This policy is designed to help alleviate the "nickel and dime" effect on our students if such prices are not controlled.

Due to continued uncertainties in State revenues, every effort has been made to create within the budget plan flexibilities which will allow this University to address further reductions in State support without disruption to the academic programs. If funding legislation is not
enacted, $8 million in further expenditure cuts will be required to balance the budget before June 30, 1983, on top of the $42 million in cuts already initiated for this biennium. Such action will be extremely disruptive and leave no room for further flexibility.

III. USES OF FUNDS

This University's current funds estimated expenditures for Fiscal Year 1982-83 are detailed in the schedule of Budgeted Expenditures for 1982-83. These expenditure levels will enable this University to implement the following budget guidelines for Fiscal Year 1982-83:

* Increase faculty and administrative/professional staff salaries by an average of 3 percent across-the-board and 5 percent for merit.

* Classified personnel to receive pay increases of 40 cents-per-hour or 5 percent, whichever is greater, in accordance with House Bill 694, with this University covering one-third the cost.

* Provide an allowance of 1 percent as a supplemental allocation for market adjustments for faculty and administrative/professional staff.

* Increase general expense budgets by 9 percent for the colleges and offices, which includes 7 percent increases in stipends for graduate students working as teaching, research, and administrative associates.

* Provide on a one-time basis, special allocations of $600,000 to maintain the purchasing power of University funded student financial aid support and a $4.4 million emergency fund to meet critical needs with emphasis on maintaining quality, providing adequate instructional staffs, supporting accessibility and affirmative action efforts.

In addition to these specified budget increases, the expenditure budget will enable this University to meet mandatory General Fund cost increases such as utilities ($2.1 million) and employee benefits ($1.3 million).

Assumed in this budget is full implementation of the overhead cost recovery system applicable to all University earnings operations. This program, instituted January 1, 1982, will reduce the General Fund burden of support for these earnings operations by having each such unit cover the total costs, both direct and indirect, of their activities.

This budget plan for 1982-83 calls for the January retrenchment levels to be instituted on a recurring basis at a level of $22.55 million. These cutbacks include a $6.7 million retrenchment for the colleges and offices on the Columbus campus, cuts of $6.95 million for University programs receiving line-item appropriations, and full implementation of administrative overhead charges to earnings operations totaling $8.9 million. When the 1981-82 and proposed 1982-83 cuts are combined, the total expenditure reductions for the biennium amount to $42.13 million.
June 10, 1982 meeting, Board of Trustees

1982-83 CURRENT FUNDS BUDGET FOR THE OHIO STATE UNIVERSITY (contd)

The $6.7 million in retrenchments for general fund-supported units will be permanent reductions from the budget bases of academic and administrative units. We have maintained the concept established in January of protecting the instructional budgets as much as possible, with special emphasis on the needs of those colleges experiencing significant enrollment changes. The distribution of the cuts to colleges and administrative units will differ, however, from those assigned in January. The cuts from the colleges will not exceed 3 percent, while the cuts for the administrative units will not exceed 4.5 percent of each unit's 1982-83 budget base.

If a revised revenue bill is enacted, it is expected to reduce the cutback in State funding to this University from $56.6 million to $29.8 million over the current biennium. If such a bill is passed the following expenditures will be incorporated into the 1982-83 budget plan:

* Eliminate the need for $8 million in further expenditure reductions and restore the applicable portion of the cuts to University operations funded by line-item appropriations from the State.

* Continue upgrading equipment and library acquisitions by making $6 million available in one-time funding in addition to the $3.1 million provided for these uses in the 1981-82 budget.

* Commit up to $3.2 million to address instructional workload needs generated by increasing and shifting student enrollment patterns.

* Maintain a $3.8 million contingency against further State and federal revenue shortfalls during 1982-83.

IV. CONCLUDING COMMENTS

We are recommending an extremely austere fiscal program. These budget plans attempt to maintain accessibility through moderate tuition and fee increases; attempt to maintain the essential quality of the institution by retaining our best faculty and staff; attempt to address some serious problems in regard to outdated equipment and a deteriorating library acquisitions budget; and attempt to provide the fiscal flexibility to respond on an emergency basis to those most critical needs that inevitably develop in this comprehensive and dynamic institution.

Simultaneously, these plans recognize that The Ohio State University must do its part in these financially troublesome times by accepting budget retrenchments that amount to more than $42 million for the last 18 months of the biennium. We are making $42 million in cuts, even assuming a budget bill. The magnitude of these cuts is unprecedented, both in percentage and dollar amounts.

We are confident that this University's faculty and staff, deans and department heads, and students will continue their outstanding efforts in seeing us through this very difficult situation. With the cooperation and dedication of all individuals across the campuses, we will continue to maintain and enhance the long traditions of excellence of The Ohio State University.
June 10, 1982 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1982-83 CURRENT FUNDS BUDGET

SOURCES OF INCOME TO SUPPORT 1982-83 BUDGET
(IN THOUSANDS)

<table>
<thead>
<tr>
<th></th>
<th>1981-82 Budget</th>
<th>1981-82 Revised Budget</th>
<th>1982-83 Proposed Budget</th>
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<tbody>
<tr>
<td><strong>Columbus Campus</strong></td>
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<td></td>
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<tr>
<td><strong>Government Appropriations</strong></td>
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<td>State of Ohio</td>
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<tr>
<td>Other</td>
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603
June 10, 1982 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1982-83 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1982-83
(IN THOUSANDS)

<table>
<thead>
<tr>
<th></th>
<th>1981-82 Budget</th>
<th>1981-82 Revised</th>
<th>1982-83 Proposed</th>
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<tr>
<td></td>
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<td>1982</td>
<td>1983</td>
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**Columbus Campus**

**Instruction and General**

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<th>1982-83 Proposed</th>
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**Sponsored Research**

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<th>Sponsored Programs</th>
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<th>1982-83 Proposed</th>
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<td>Federally Sponsored Programs</td>
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<th>1982-83 Proposed</th>
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<td>University Hospitals</td>
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**Student Aid**

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<tr>
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<th>1981-82 Revised</th>
<th>1982-83 Proposed</th>
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<tbody>
<tr>
<td></td>
<td>$8,339</td>
<td>$8,027</td>
<td>$8,330</td>
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June 10, 1982 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1982-83 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1982-83
(IN THOUSANDS) (contd)

<table>
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<th>1981-82</th>
<th>1982-83</th>
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<tbody>
<tr>
<td>Budget</td>
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<td>December 10, 1981</td>
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Columbus Campus (contd)

<table>
<thead>
<tr>
<th>Auxiliaries</th>
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<th>1982-83</th>
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</thead>
<tbody>
<tr>
<td>Student Housing</td>
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<td>Intercollegiate Athletics</td>
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<td>University Bookstores</td>
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<tr>
<td>Student Health Service</td>
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<td>University Airport</td>
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<td>$3,003</td>
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<tr>
<td>Fawcett Center for Tomorrow</td>
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<td>$1,767</td>
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<tr>
<td>Other</td>
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<td>$1,249</td>
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</tbody>
</table>

Total Auxiliaries | $62,296 | $60,344 | $64,009 |

TOTAL COLUMBUS CAMPUS | $586,465 | $570,263 | $614,324 |

Regional Campuses

| Administration | $220 | $220 | $237 |
| Lima Campus | $3,204 | $3,202 | $3,364 |
| Mansfield Campus | $2,990 | $2,875 | $3,365 |
| Marion Campus | $1,936 | $1,921 | $2,013 |
| Newark Campus | $2,729 | $2,679 | $2,860 |
| Agricultural Technical Institute | $3,453 | $3,387 | $3,285 |
| Wright-Patterson Graduate Center | $105 | $105 | -0- |

TOTAL REGIONAL CAMPUSES | $14,637 | $14,389 | $15,124 |

Retrenchment to be Defined | -0- | -0- | ($8,240) |

TOTAL ALL CAMPUSES | $601,102 | $584,652 | $621,208 |

OARDC | $21,635 | $20,600 | $21,207 |

GRAND TOTAL | $622,737 | $605,252 | $642,415 |
## PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1982

### Undergraduate

<table>
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<th>College or School</th>
<th>Credit Hours Enrolled</th>
<th>Instructional</th>
<th>General</th>
<th>Resident Total</th>
<th>Nonresident Tuition</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Science</td>
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<tr>
<td>Agriculture and Home Economics</td>
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<tr>
<td>Allied Medical Professions</td>
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<tr>
<td>Architecture</td>
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<tr>
<td>Biological Sciences</td>
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<tr>
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## PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1982 (contd)

<table>
<thead>
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<th>College or School</th>
<th>Credit Hours Enrolled</th>
<th>Instructional</th>
<th>General</th>
<th>Resident Total</th>
<th>Nonresident Tuition</th>
<th>Non-Resident Total</th>
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### PROPOSED SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1982 (contd)

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<th>Resident Total</th>
<th>Nonresident Tuition</th>
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PROPOSED SCHEDULE OF STUDENT FEES, 
EFFECTIVE AUTUMN QUARTER, 1982 (contd)

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being $78 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being $78 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

TRAFFIC AND PARKING RULES OF THE OHIO STATE UNIVERSITY
Resolution No. 82-113

Synopsis: Revision of the University’s Traffic and Parking Rules is proposed.

WHEREAS on November 3, 1978, the Board adopted Motor Vehicle, Traffic and Parking Regulations of The Ohio State University; and

WHEREAS there is a need to update those regulations and the Board is being requested to approve revised rules regulating traffic and parking on the campus:

NOW THEREFORE

BE IT RESOLVED, That the revised Traffic and Parking Rules of The Ohio State University be adopted by 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.
ESTABLISHMENT OF DEPARTMENT OF NEUROLOGY--COLLEGE OF MEDICINE
Resolution No. 82-114

Synopsis: A proposal to establish a Department of Neurology in the College of Medicine is being presented.

WHEREAS the Council on Academic Affairs has received and reviewed a request that a Department of Neurology be established within the College of Medicine; and

WHEREAS the Council on Academic Affairs believes the proposal to be well founded and such a department would provide for enhanced and more visible teaching, research, clinical, and service in the area of neurology; and

WHEREAS the Office of the Vice President for Health Sciences, the College of Medicine, and the Department of Medicine endorse and approve the proposal:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the action taken by the University Senate on May 8, 1982, to establish a Department of Neurology within the College of Medicine.

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

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UNIVERSITY HOSPITALS BOARD BYLAWS
Resolution No. 82-115

Synopsis: Amendments to University Hospitals Board Bylaws are proposed.

WHEREAS pursuant to bylaw 3335-103-01 of the Administrative Code, the Board of Trustees is authorized to amend the University Hospitals Board Bylaws; and

WHEREAS after a careful study of the University Hospitals Board Bylaws, as approved by the Board of Trustees on May 2, 1980, and amended on September 5, 1980, November 7, 1980 and September 4, 1981, further amendments are recommended; and

WHEREAS bylaws 3335-93-01, 3335-93-02, 3335-93-03 are modified to delete the vice president for health sciences and establish the president as the university's administrative contact with the hospitals board; and

WHEREAS bylaw 3335-97-03 is altered to change the composition of the joint committee membership:
June 10, 1982 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

NOW THEREFORE

BE IT RESOLVED, That the amendments as recommended by the University Hospitals Board on May 27, 1982 be approved.

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

Chapter 3335-93

UNIVERSITY HOSPITALS BOARD BYLAWS

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 sciences academic programs, shall be known as the university hospitals board (herein called board).

(1) The hospitals board will be composed of three members of the Ohio state university board of trustees (trustee members) and twelve citizens from the general public (citizen members), all appointed by the Ohio state university board of trustees in consultation with the president of the university. No employee of the university shall be eligible for board membership.

(2) The president of the Ohio state university shall be an ex officio member of the hospitals board.

(3) Insofar as feasible, the selection criteria will ensure that the hospitals board membership will include persons with business expertise, persons with legal expertise, persons with knowledge of health care issues, persons knowledgeable about the academic mission of university hospitals, and persons who can assist the hospitals in its relations with the public and governmental entities. Selection processes will incorporate the affirmative action policies of the university.

(4) The term of office for the twelve citizen members will be three years. Of the original twelve such members appointed, four will be appointed for three years, four will be appointed for two years, and four will be appointed for one year. Thereafter, four members will be appointed each year to serve three-year terms. At the discretion of the Ohio state university board of trustees, any citizen member may serve two consecutive terms. Original members with two- or one-year initial appointments may serve two full terms in addition to the initial partial terms.

(5) In addition to the hospital board members, the following will participate in deliberations at the board's request, will receive agenda and minutes, and
June 10, 1982 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

from time to time will be invited to submit agenda items:
   Executive director of university hospitals
   Deans of health sciences colleges
   Medical director of university hospitals
   Chief, hospitals medical staff, or equivalent position

(6) The president of the Ohio state university will serve as the university’s primary administrative contact with the hospitals board and shall interpret to the university’s board of trustees proposals and recommend actions of the hospitals board.

(7) The executive director of university hospitals will serve as the non-voting secretary to the board and provide such staff services for the board as may be requested.

(B) In carrying out its responsibilities as defined in rule 3335-93-02 of the Administrative Code, the board shall seek continuing guidance from health professionals, management specialists, and others with professional expertise. The hospitals board may choose to have a periodic review of university hospitals activities by a board of visitors. The visitors, consisting of persons of national eminence in health care fields, would be selected in consultation with the president of the university.

(612)

3335-93-02 Powers and duties.

Members of the hospitals board shall be responsible to the university board of trustees for the oversight of patient care services in university hospitals and for ensuring that the hospitals’ activities support the health sciences programs of the university. Although it is understood that the university board of trustees cannot delegate its ultimate authority over and responsibility for the hospitals—including determination of policy for the fiscal health of the university hospitals, its personnel policies, or the definition of the hospitals’ mission—the hospitals board will be delegated the authority and responsibility set forth herein, consistent with Ohio law. The university hospitals board will be responsible for, subject to the authority and periodic review of the university board of trustees, the following:

(A) Oversight of patient services, including admissions and quality assurance policies and practices developed by the hospitals staff.

(B) Oversight of the hospitals’ unique mission to support the health sciences teaching and research programs of the university.

(C) Oversight of relationships with outside agencies, both private and public.

(D) Oversight of hospitals’ compliance with federal and state laws.

(E) Oversight of hospitals’ accreditation process.
UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

(F) Approval of medical and dental appointments, clinical privileges, and disciplinary actions upon the recommendation of the appropriate official, subject where required to final action of the Ohio state university board of trustees.

(G) Approval of medical staff bylaws and recommendation thereof to the Ohio state university board of trustees.

(H) Review of current funds and capital budgets prior to their submission to the Ohio state university board of trustees by the university president.

(I) Advice and counsel to the president and/or his designee on matters of institutional income and expenditures, fees for institutional services, and utilization of hospitals services. (B/T 5/2/80, B/T 6/10/82)

3335-93-03 Accountability.

To ensure that the Ohio state university board of trustees meets its governance obligations under Ohio law, the hospitals board will be accountable, through the president to the Ohio state university board of trustees.

(A) The appointment of the director of university hospitals will be approved by the Ohio state university board of trustees upon recommendation of the president of the university following consultation with the hospitals board.

(B) Recommendations and reports of the hospitals board that require Ohio state university board of trustees' review or action will be communicated through the president of the university to the Ohio state university board of trustees.

(C) The Ohio state university board of trustees will continue to hold the president of the university responsible for the conduct of the academic programs and for ensuring that the hospitals are operated in a manner consistent with university policy and state and federal law. (B/T 5/2/80, B/T 6/10/82)

3335-93-04 Meetings and notice.

(A) Regular meetings. Regular meetings of the hospitals board may be held at the hospital each month, or on a schedule established by the board, at times which shall be set and publicly announced by the chairman of the board, or at such other time or place as may be announced by the chairman.

(B) Special meetings. Special meetings may be called at the direction of the chairman, or shall be called by the chairman at the request of three members of the board, provided that notice to all board members shall be given not less than five days prior to the meeting. The notice shall state the time, place, and purpose of the meeting.

(C) Except as otherwise specified in these bylaws, all meetings of the board and its committees shall be conducted in accordance with the latest revision of "Robert's Rules of Order."
June 10, 1982 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

(D) Meetings of the board shall be open to the public, except for executive sessions called for reasons permissible under Ohio law. (B/T 5/2/80)

3335-93-05 Quorum.

At least a majority of the current membership of the board shall be necessary for a quorum. (B/T 5/2/80)

3335-97-03 Joint conference committee.

(A) Purpose. The joint conference committee shall be a forum for discussion of medical policy and practice in the university hospitals and shall advise the board concerning hospitals patient care goals, policies, standards of care, and general operating problems. All recommendations of the medical staff to the board shall first be sent to the joint conference committee for its consideration and recommendation before being acted upon by the board. The committee shall perform such other duties as shall be given it by the board and shall also have the following specific duties:

(1) Accreditation. The committee shall be responsible for advising the hospitals board on all matters relevant to maintenance of joint commission on accreditation of hospitals' accreditation. The committee shall monitor hospitals operation to identify areas of potential non-compliance with joint commission on accreditation of hospitals' standards and shall make recommendations to the hospitals board and to the medical staff for appropriate action.

(2) Disaster planning. The committee shall be responsible for the development and maintenance of methods for the protection and care of hospitals patients and others at the time of internal and external disaster.

(3) Medical staff appointments. The committee shall make recommendations to the board on all applications for appointment or reappointment to the medical staff of the hospitals, and on all matters dealing with suspension or revocation of privileges of members of the medical staff, as may be provided under the bylaws of the medical staff.

(4) Medical staff bylaws, rules, and regulations. The committee shall recommend to the hospitals board all bylaws, rules, and regulations governing the activities of the medical staff, or amendments thereto, that it may consider necessary to assure proper patient care.

(5) Medical staff liaison. The committee shall advise the hospitals board on any communications, requests, or recommendations presented by the medical staff through its duly authorized representatives. The committee shall receive and consider all reports on the work of the medical staff organization and make such recommendations to the board as it considers to be in the best interest of the hospitals. The committee shall also receive and consider issues that may arise in the planning and operation of the hospitals that affect the relationship of the board, hospitals management, and medical staff organization.
June 10, 1982 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS (contd)

(B) Composition. The hospitals board shall be represented on the joint conference committee by five (5) members of the hospitals board to be appointed annually by the hospitals board chairman.

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AMENDMENT TO BYLAW 3335-1-03 (ADMINISTRATION OF THE UNIVERSITY)
Resolution No. 82-116

Synopsis: Amendment to Bylaw 3335-1-03 of the Administrative Code.

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President the following change is proposed:

3335-1-03 Administration of the university.

(U) University hospitals board.

(1) The university hospitals board shall be responsible to the board of trustees for the oversight of patient care services in university hospitals. The hospitals board shall be accountable through the president to the university board of trustees. The bylaws of the hospitals board will be subject to the approval of the university board of trustees.

NOW THEREFORE

BE IT RESOLVED, That the foregoing change in the bylaw be adopted.

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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RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION-- AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY
Resolution No. 82-117

Synopsis: Amendments to Bylaws of the Board of Trustees [paragraphs (E) and (H) of bylaw 3335-1-03] and Rules of the University Faculty [3335-3-05 and 3335-3-08], the addition of 3335-3-173, and the deletion of paragraphs (O) and (P) of bylaw 3335-1-03 and rules 3335-3-15 and 3335-3-151 are proposed.

WHEREAS certain vice presidential positions have been combined; and
WHEREAS the responsibility of the vice president for university development has been assigned to the vice president for university communications and development resulting in paragraph (P) of bylaw 3335-1-03 of the Administrative Code and rule 3335-3-151 of the Administrative Code being deleted; and

WHEREAS the office of the vice president for business and administration and vice president for finance and planning are realigned to form one office designated as vice president for business and finance with the resulting deletion of paragraph (O) of bylaw 3335-1-03 and rule 3335-3-15 of the Administrative Code; and

WHEREAS the president has recommended that a new position of university fiscal officer be established, said official to report to the vice president for business and finance concerning day-to-day operations and to the president on university financial matters; and

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the president, the following rule changes are proposed:

BYLAW

3335-1-03 Administration of the university.

(E) The president’s staff.

(1) The president’s staff shall consist of the president; the provost; the vice president for business and finance; the vice president for student services; the vice president for health sciences; the vice president for regional campuses; the vice president for educational services; the vice president for public affairs; the vice president for personnel services; the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources; the vice president for university communications and development; and special assistants.

(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; the development, allocation, utilization, and maintenance of the physical facilities; traffic and parking; the administration of the office of public safety; university systems; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.
AMENDED RULES

3335-3-05 President's staff.*

(A) The president's staff shall consist of the president; the provost; the vice president for business and finance; the vice president for student services; the vice president for health sciences; the vice president for regional campuses; the vice president for educational services; the vice president for public affairs; the vice president for personnel services; the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources; the vice president for university communications and development; and special assistants.

3335-3-08 Vice president for business and finance.*

(A) The vice president for business and finance shall be the executive head of the office of 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; the development, allocation, utilization, and maintenance of the physical facilities; traffic and parking; the administration of the office of public safety; university systems; 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, administration; university fiscal officer; director, public safety; assistant vice president, business management; director, university systems; contracts officer; 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)

NEW RULE

3335-3-173 University fiscal officer.*

(A) There shall be a university fiscal officer in the office of business and finance.

*Rule initiated by board of trustees.
June 10, 1982 meeting, Board of Trustees

RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION-
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-3-173 University fiscal officer.* (contd)

(B) The authority of the university fiscal officer shall be that of the administration of university finances, including planning and resource allocation. Without limiting the generality of the foregoing, the university fiscal officer shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: formulation, review and monitoring of capital and current funds budgets; office of the university treasurer; financial accounting, including the office of the controller; long-range resources analysis and planning, including cost implications of proposed programs; indirect cost analysis and recovery; equipment inventory; projections of enrollments and all factors bearing on future resource requirements and availabilities in the context of the mission and goals of the university.

(C) The principal administrative officials in the office of fiscal affairs shall be the university treasurer, the assistant vice president of campus planning and space utilization, the director of planning studies, the executive director of university budget, the controller, the director of special projects, and such other associates as may be authorized from time to time. (B/T 6/10/82)

*Rule initiated by board of trustees.

NOW THEREFORE

BE IT RESOLVED, That the foregoing changes in the bylaws and rules as they are printed herein be adopted.

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

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DOCTOR OF PHILOSOPHY PROGRAM IN CITY AND REGIONAL PLANNING
Resolution No. 82-118

Synopsis: Authorization to initiate a program leading to a Doctor of Philosophy in City and Regional Planning degree is proposed.

WHEREAS the Department of City and Regional Planning has requested approval to offer a new post-master's degree, Doctor of Philosophy in City and Regional Planning; and

WHEREAS the Doctor of Philosophy in City and Regional Planning will provide an academic research curriculum not presently available in the master's program offered by the Department of City and Regional Planning; and
June 10, 1982 meeting, Board of Trustees

DOCTOR OF PHILOSOPHY PROGRAM IN CITY AND REGIONAL PLANNING (contd)

WHEREAS the Doctor of Philosophy in City and Regional Planning is offered in many other universities and colleges, and it is a required degree in academic and research institutions; and

WHEREAS faculty in the Department of City and Regional Planning show a strong commitment to research, an excellent record in research grants, that supports intellectually the new program; and

WHEREAS existing faculty--plus one addition within the first three years of the new program--and other resources currently existing in the department will be used to support the new program; and

WHEREAS the Council on Academic Affairs has examined the proposed program carefully and has given its unanimous approval:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees adopt the foregoing resolution as approved and recommended by the University Senate and that this degree proposal be forwarded to the Board of Regents pursuant to section 3333.04 (N) of the Revised Code.

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

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PERSONNEL ACTIONS

Resolution No. 82-119

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Appointments, Reappointment of Principal Administrative Official, Appointment of New Chairmen of Departments and Division, Reappointment of Chairmen of Departments and Division, Leaves of Absence Without Salary, Professional Improvement Leaves, 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 7, 1982 meeting of the Board, including the following Retirement, Appointments, Reappointment of Principal Administrative Official, Appointment of New Chairmen of Departments and Division, Reappointment of Chairmen of Departments and Division, Leaves of Absence Without Salary, Professional Improvement Leaves, Promotions/Tenure, and Emeritus Titles as detailed in the University Budget, be approved.

Retirement

ROY M. KOTTMAN will retire as Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources, effective June 30, 1982.
June 10, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Retirement: (contd)

President Jennings:

Roy I think is deserving of recognition--there in his outstanding role of 22 years as one of the major forces at Ohio State University, and for that, Roy, we thank you very much.

Appointments

Name: RICHARD D. JACKSON
Title: Vice President for Business and Finance
Office: Business and Finance
Effective: Immediately
Salary: N/A
Present Position: Vice President for Business and Administration

Name: WELDON E. IHRIG
Title: University Fiscal Officer
Office: Business and Finance
Effective: Immediately
Salary: N/A
Present Position: Acting Vice President, Office of Finance and Planning

Reappointment of Principal Administrative Official

COLIN B. BULL, Dean of the College of Mathematical and Physical Sciences, effective July 1, 1982 through June 30, 1987, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of New Chairmen of Departments and Division

July 1, 1982 through June 30, 1986

Aviation                                      G. Stacy Weislogel
Ceramic Engineering                          Dennis W. Readey
Industrial and Systems Engineering          George L. Smith, Jr.
Photography and Cinema                      Willie F. Longshore

July 1, 1982 through June 30, 1984

Pharmacy Practice                           Richard H. Reuning

October 1, 1982 through June 30, 1986

Romance Languages and Literatures           Ronald C. Rosbottom
Sociology                                    Saad Nagi
June 10, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of New Chairmen of Departments and Division (contd)

October 1, 1982 through June 30, 1983

Astronomy

*William M. Protheroe

Reappointment of Chairmen of Departments and Division

July 1, 1982 through June 30, 1986

Engineering Mechanics

Sunder H. Advani

July 1, 1982 through June 30, 1986

Administrative and Social Sciences

Dev S. Pathak

October 1, 1983 through June 30, 1987

Astronomy

Eugene R. Capriotti

*Acting chairman.

Leaves of Absence Without Salary

JILL C. D. S. YAQUB, Professor, Department of Mathematics, effective January 1, 1983 through June 30, 1983, to work on her book, *Finite Geometrics*, and continue her collaborative research work with colleagues at Westfield College, London.

HENRY H. GLOVER, Associate Professor, Department of Mathematics, effective October 1, 1982 through June 30, 1983, to teach at the University of British Columbia.

ROBERT KRAUT, Associate Professor, Department of Philosophy, effective October 1, 1982 through March 31, 1983, to accept a visiting teaching position at the University of Pittsburgh.

NEIL F. FALKNER, Assistant Professor, Department of Mathematics, effective October 1, 1982 through June 30, 1983, to accept a visiting assistant professorship at Stanford University.

SHIGERU MIYAGAWA, Assistant Professor, Department of East Asian Languages and Literatures, effective October 1, 1982 through June 30, 1983, to accept a one-year research fellowship from the National Institute of Mental Health to spend a year conducting research at Massachusetts Institute of Technology.

ANTHONY B. SANDERS, Assistant Professor, Academic Faculty of Finance, effective October 1, 1982 through June 30, 1983, to accept a visiting professor appointment in finance and real estate at the University of Texas - Austin.
June 10, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves

ALFRED G. BISHARA, Professor, Department of Civil Engineering, effective Winter Quarter 1983 and Spring Quarter 1983.

F. JOE CROSSWHITE, Professor, Academic Faculty of Science and Mathematics Education, effective Winter Quarter 1983, Spring Quarter 1983, and Summer Quarter 1983.

CHRISTIE J. GEANKOPLIS, Professor, Department of Chemical Engineering, effective Winter Quarter 1983 and Spring Quarter 1983.


KAMRAN MAJIDZADEH, Professor, Department of Civil Engineering, effective Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

ANDREW G. OLDENQUIST, Professor, Department of Philosophy, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

GEORGE S. PAPPAS, Professor, Department of Philosophy, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.


RONALD C. ROSBOTTOM, Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1983 and Winter Quarter 1984.


HERBERT F. WEISBERG, Professor, Department of Political Science, effective Spring Quarter 1983, Summer Quarter 1983, and Autumn Quarter 1983.

DANIEL R. BARNES, Associate Professor, Department of English, effective Autumn Quarter 1983 and Winter Quarter 1984.

CARL C. SCHLAM, Associate Professor, Department of Classics, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

RONALD M. SOLOMON, Associate Professor, Department of Mathematics, effective Winter Quarter 1983, Spring Quarter 1983, and Autumn Quarter 1983.
June 10, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

MARILYN ROBINSON WALDMAN, Associate Professor, Department of History and Chairperson, Division of Comparative Studies in the Humanities, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.


Emeritus Titles

ROY M. KOTTMAN, College of Agriculture and Home Economics, with the title Vice President for Agricultural Administration and Executive Dean Emeritus, effective July 1, 1982.

RICHARD D. ALTICK, Department of English, with the title Regents Professor Emeritus, effective July 1, 1982.

FRANKLIN H. BECK, Department of Metallurgical Engineering, with the title Professor Emeritus, effective July 1, 1982.

SIDNEY CHAFETZ, Department of Art, with the title Professor Emeritus, effective July 1, 1982.

LEE S. COX, Department of English, with the title Professor Emeritus, effective July 1, 1982.

CARL L. MARSHALL, Department of English, with the title Professor Emeritus, effective July 1, 1982.

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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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 82-120

Synopsis: The reports on contracts, grants, and gifts and the summary for April 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
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, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreements 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 April 1982 be approved.

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

SUMMARY FOR APRIL 1982

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>56</td>
<td>$4,307,030.88</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>52</td>
<td>324,956.00</td>
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<tr>
<td>Ohio Agricultural Research and Development Center</td>
<td>7</td>
<td>375,269.00</td>
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<tr>
<td></td>
<td></td>
<td>$5,007,255.88</td>
</tr>
</tbody>
</table>

The Ohio State University Development Fund

Establishment of Named Funds

The Roy M. Kottman Scholars Program
(College of Agriculture and Home Economics) $ 25,000.00

The John H. Moore Memorial Loan Fund
(OSU Marion Campus) $ 10,000.00

The Richard Stow Research & Lectureship Fund
(College of Medicine) $ 10,000.00

The Dr. Vincent Cranston Ward Memorial Scholarship Fund
(College of Medicine) $ 10,000.00
June 10, 1982 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1982 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The David Z. Saylor Memorial Award
(College of Medicine) $6,510.00

Allan C. Barnes Endowment Fund
(College of Medicine) $5,000.00

The William Ray Flesher Professorship in
Educational Administration Fund
(College of Education) $5,000.00

The Adelaide "Babs" McNamara
Memorial Fund
(College of Law) $4,000.00

Change in Name and Description of Named Fund

From: The Newton D. Baker Memorial Scholarship Fund
To: The Newton D. Baker Memorial Fund

Report from Presidents Club

Members to date 4,539
1982 members: year to date 53
New members - April 1982 14

New Presidents Club Members - April 1982

C. Andrew Bush Steven J. Springer
Christopher A. Bush Carol R. Springer (Mrs. Steven J.)
John F. Howes Leon I. Twarog
Edmund M. Kagay Esther R. Yarrington
Jennifer Kilman David W. Zehnder
Brett P. Gundlach Jeffrey S. Zehnder
Howard Polster Michael R. Zetz
Federal Research Contracts/Grants


$201,002.00 - Environmental Protection Agency, Washington, D. C., Evaluation of a Short-Term in Vivo System for Risk Assessment of Environmental Chemicals, Department of Pharmacology (D. Couri), 1 April 1982 through 31 March 1983. (Project 762125 - Continuation)

$192,867.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Utilization of Technology in the Development of Basic Skills Instruction (Mathematics), Academic Faculty of Early and Middle Childhood Education (M. L. Languis and S. Damarin) and Academic Faculty of Science and Mathematics Education (R. J. Shumway), 1 April 1982 through 30 September 1983. (Project 762431 - Continuation)

$126,600.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1982 through 31 March 1983. (Project 761078 - Continuation)

$125,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1981 through 30 September 1982. (Project 760081 - Continuation)

$110,388.88 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Cooperative Program (FY 82), Engineering Experiment Station (R. C. Stiefel), Department of Zoology (T. M. Cavender and D. A. Culver), Department of Agronomy (J. M. Bigham) and Department of Chemical Engineering (L. S. Fan), 1 October 1981 through 30 September 1982. (Project 763046 - Continuation)

$109,522.00 - 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), 1 April 1982 through 31 March 1983. (Project 760025 - Continuation)
Report of Research Contracts, Grants, and Gifts (contd)

The Ohio State University Research Foundation (contd)

Federal Research Contracts/Grants (contd)

$92,431.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Cellular PD and Ion Activities in Renal Proximal Tubules, Department of Physiology (B. A. Biagi), 1 April 1982 through 31 March 1983. (Project 763050 - New)

$90,139.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Unsaturated Fatty Acids, Prostaglandins and Diabetes, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1982 through 31 March 1983. (Project 760745 - Continuation)

$88,000.00 - National Science Foundation, Washington, D. C., Conducting Polymers: Magnetic, Optical and Transport Studies, Department of Physics (D. B. Tanner), 1 February 1982 through 31 January 1983. (Project 762830 - Continuation)

$86,800.00 - Department of Energy, Argonne, Illinois, Fundamental Studies of High-Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1982 through 30 April 1983. (Project 761619 - Continuation)

$83,443.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb and D. E. Schumm), 1 April 1982 through 31 March 1983. (Project 760063 - Continuation)

$81,777.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO2 Concentration, Department of Physiology (A. L. Kunz), 1 April 1982 through 31 March 1983. (Project 761572 - Continuation)

$81,157.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biotransformation of m-AMSA and Related Analogues, College of Pharmacy (L. Malspeis), 1 April 1982 through 31 March 1983. (Project 762091 - Continuation)

$80,000.00 - 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 1982 through 31 August 1983. (Project 761767 - Continuation)
June 10, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$78,000.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1982 through 31 July 1983. (Project 762803 - Continuation)

$73,758.00 - 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 1982 through 31 May 1983. (Project 763071 - New)

$71,559.00 - 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 1982 through 31 March 1983. (Project 763051 - New)

$69,762.00 - National Aeronautics and Space Administration Headquarters, Contracts and Grants Division, Washington, D. C., Theoretical Studies of the Surface Tension of Liquid Metal Systems, Department of Physics (D. G. Stroud), 1 March 1982 through 28 February 1984. (Project 763043 - New)

$69,173.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis Studies in Anthracycline Chemistry, Department of Chemistry (J. S. Swen- ton), 1 April 1982 through 31 March 1983. (Project 761021 - Continuation)

$69,085.00 - National Science Foundation, Washington, D. C., Diffractive Spectro-electrochemistry, Department of Chemistry (R. L. McCreery), 1 April 1982 through 31 March 1983. (Project 763063 - Continuation)

$63,406.00 - National Science Foundation, Washington, D. C., Knowledge Organization and Problem Solving for Diagnostic Tasks, Department of Computer and Information Science (B. Chandrasekaran), 1 May 1982 through 30 April 1983. (Project 762640 - Continuation)

$63,132.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Pharmacology of Novel Antiabortifacients, College of Pharmacy (R. G. Rahwan), 1 April 1982 through 31 March 1983. (Project 762609 - Continuation)

$59,013.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1982 through 31 March 1983. (Project 762083 - Continuation)
June 10, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$57,555.00 - 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 1982 through 30 April 1983. (Project 764415 - Continuation)

$56,000.00 - Department of Energy, Oak Ridge Operations, Oak Ridge, Tennessee, Energy Graduate Traineeship Program - 1982, Department of Mechanical Engineering (J. E. A. John), 15 April 1982 through 30 September 1984. (Project 763068 - New)

$50,000.00 - Department of the Air Force, 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), 29 March 1982 through 30 September 1982. (Project 763057 - New)

$44,243.00 - 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 April 1982 through 31 March 1983. (Project 760056 - Continuation)

$38,233.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1982 through 31 March 1983. (Project 761591 - Continuation)

$35,962.00 - Department of Energy, Lawrence Berkeley Laboratory, University of California, Berkeley, California, Thermodynamic Framework for Estimating the Efficiencies of Alkaline Batteries, Department of Metallurgical Engineering (D. D. Macdonald), 1 March 1982 through 31 March 1983. (Project 762132 - Continuation)

$35,600.00 - National Science Foundation, Washington, D. C., Spectroscopic Studies of Active Galaxies and Quasi-Stellar Objects, Department of Astronomy (B. M. Peterson), 1 April 1982 through 31 March 1983. (Project 763049 - Continuation)
June 10, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$31,494.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1982 through 31 March 1983. (Project 762776 - Continuation)

$29,100.00 - National Science Foundation, Washington, D.C., Arithmetic Theory of Integral Quadratic Forms, Department of Mathematics (J. S. Hsia), 1 July 1982 through 30 June 1984. (Project 763059 - Continuation)

$28,500.00 - Department of the Navy, Naval Ocean Systems Center, San Diego, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter, R. J. Marhefka, and R. C. Rudduck), 1 April 1982 through 31 July 1982. (Project 761784 - Continuation)

$20,450.00 - National Science Foundation, Washington, D.C., Harmonic Analysis, Invariant Means, Random Walks and Phase Retrieval (Mathematics), Department of Mathematics (J. M. Rosenblatt), 1 July 1982 through 30 June 1984. (Project 762290 - Continuation)

$13,830.00 - National Science Foundation, Washington, D.C., Monographic Study of the Genus Coreopsis (Compositae), Department of Botany (D. J. Crawford), 1 May 1983 through 30 April 1984. (Project 763060 - New)

$12,713.00 - National Science Foundation, Washington, D.C., Unitary Group Methods for the Electron Correlation Problem, Department of Chemistry (I. Shavitt), 15 April 1982 through 31 October 1982. (Project 763056 - New)


TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $3,322,906.88

State of Ohio Research Contracts/Grants

$175,026.00 - State of Ohio, Department of Education, Division of Vocational Education, Ohio Occupational Information Coordinating Committee, Columbus, Ohio, The Occupational Employment Statistics Survey Program in Ohio for Non-Manufacturing (Primarily Trade), 1982, Academic Faculty of Labor and Human Resources (S. C. Kelley, H. R. Blaine, and M. Sandver), 1 March 1982 through 31 August 1983. (Project 763055 - Continuation)
June 10, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

$10,000.00 - State of Ohio, Ohio Air Quality Development Authority, Columbus, Ohio, Review and Analysis of Past and Current Research Relating to the Effects of Acid Deposition and Aquatic Systems, Center for Lake Erie Area Research (C. E. Herdendorf), 1 March 1982 through 30 June 1982. (Project 763006 - New)

$9,800.00 - State of Ohio, Department of Education, Division of Vocational Education, Career Development Service, Columbus, Ohio, Coordination of Statewide Career Education Activities, Academic Faculty of Special Services (J. J. Quaranta), 1 February 1982 through 30 September 1982. (Project 763053 - New)


$3,850.00 - State of Ohio, Environmental Protection Agency, Columbus, Ohio, Phosphorus Fertility Management Demonstration Project for Defiance Area Soils High in Available Phosphate, Cooperative Extension Service - State Operations (T. L. Jones), 1 January 1982 through 31 December 1982. (Project 763065 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 203,476.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants


$171,390.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 1 April 1982 through 31 December 1982. (Project 760604 - Continuation)

$120,276.00 - West Virginia Public Service Commission, Charleston, West Virginia, Rate Design and Computer Technical Assistance to the West Virginia Public Service Commission Concerning Cogeneration and Small Power Production Rates and Terms, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 1 March 1982 through 30 June 1982. (Project 763022 - New)

$78,586.00 - City of Columbus, Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (D. M. Ronchi), 15 January 1982 through 30 June 1982. (Project 760790 - Continuation)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$30,874.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, 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 1982 through 31 December 1982. (Project 763047 - New)

$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 1982. (Project 763072 - New)

$20,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1982 through 30 June 1982. (Project 761965 - Continuation)

$11,970.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Assistant Self-Assessment, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 May 1982 through 30 June 1982. (Project 763054 - Continuation)


$3,041.00 - Westinghouse Electric Electronics and Services, Ltd., County Clare, Ireland, Vocational Training Component Subcontract (World Bank/MOI Egypt), The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1982 through 30 April 1983. (Project 762480 - Continuation)


$1,515.00 - State of Iowa, Department of Public Information, Des Moines, Iowa, Technical Planning Assistance to the Iowa Department of Public Instruction, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1982 through 31 May 1982. (Project 768039 - Continuation)

$1,000.00 - Ohio Academy of Family Physicians, Columbus, Ohio, An Empirical Assessment of Occupational Stress and Coping in Family Medicine Residency Training, Teaching, and Practice, Department of Family Medicine (D. E. Alexander), 1 January 1982 through 30 November 1982. (Project 763052 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 780,648.00
June 10, 1982 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Supported Research and Development

$14,230.00 - Various industries for "Microjoining," Center for Welding Research, for balance of FY82. (EES 529507, Extension 1)

$12,830.00 - Various industries for "Steel Weldability," Center for Welding Research, for balance of FY82. (EES 529508, Extension 1)

$297,896.00 - Various industries for 50 development projects under the direction of nine engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SUPPORTED RESEARCH AND DEVELOPMENT $324,956.00

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal and State Contracts/Grants

$211,360.00 - Environmental Protection Agency, Washington, D. C., continued support of a study on factors affecting composting of municipal sludge in a bioreactor, Department of Plant Pathology, to October 21, 1982. (Contract No. CR-807791-01-1, Amendment No. 1)

$45,000.00 - Agency for International Development, Agricultural/Nutrition Branch, Washington, D. C., support of Second International Maize Virus Disease Colloquium and Workshop, Departments of Entomology and Plant Pathology, January 1, 1982 to December 31, 1983. (Contract No. DAN-1406-G-SS-2006-00)

$38,000.00 - State of Ohio, Department of Energy, Columbus, Ohio, support of a study on energy management in commercial greenhouses with a portable polystyrene pellet system, Department of Agricultural Engineering, May 1, 1982 to February 28, 1983. (Contract No. 82-81)

$35,000.00 - Agricultural Research Service, Peoria, Illinois, support of a study on corn yields as affected by seasonal and long term cropping history differences in soil structural and surface residue conditions, Department of Agronomy, April 15, 1982 to April 1, 1984. (Agreement No. 58-519B-2-1132)


TOTAL - FEDERAL AND STATE CONTRACTS/GRANTS $342,519.00
June 10, 1982 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Industrial or Other Contract/Grant

$8,250.00 - Robinson Hybrids, Inc., Delaware, Ohio, continued support of a study on early corn inbred development, Department of Agronomy, January 1 to December 31, 1982.

Gift of $5,000 or More

$24,500.00 - City of Wooster, Wooster, Ohio.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$30,000.00 Columbia Gas, Charleston, West Virginia--$26,000.00 for Biological Environmental Research Fund and $4,000.00 for Neotoma Research Fund.

$25,000.00 Kaplan Halpert Foundation, Inc., Columbus, Ohio, for Jack M. George Fund.

$23,540.00 Nationwide Insurance, Columbus, Ohio--$10,000.00 for Cooperative Business Policy Fund; $7,500.00 for Student Athlete Grant-in-Aid Fund; and $6,040.00 for WOSU Support Fund.

$22,094.00 C. F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

$21,400.00 The Columbus Foundation, Columbus, Ohio, for The Joseph S. Platt--Porter, Wright, Morris & Arthur Professorship in Law Fund.

$20,040.00 Battelle Memorial Institute, Columbus, Ohio, for WOSU Support Fund.

$20,000.00 Bremer Foundation, Youngstown, Ohio, for Bremer Foundation Fund.

$17,000.00 Gund Foundation, Cleveland, Ohio, for Extension Cuyahoga Fund.

$15,293.86 Retinal Consultants, Columbus, Ohio--$12,993.04 for Retina Research Fund and $2,300.82 for Ophthalmology Photography Fund.

$15,141.00 SmithKline Corporation, Philadelphia, Pennsylvania--$9,586.00 for Visconti SmithKline Fund; $5,500.00 for SmithKline Veterinary Fellowship Fund; and $55.00 for undesignated purposes.
June 10, 1982 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)

$15,000.00 Agronomic Research Foundation, Inc., Atlanta, Georgia, for Potash and Phosphate Fund.

$13,227.29 University Eye Surgeons, Inc., Columbus, Ohio--$13,109.29 for Eye Bank Fund and $118.00 for Ophthalmology Photography Fund.

$13,225.00 Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Scholarship Fund.

$12,620.00 Adria Laboratories, Columbus, Ohio--$12,500.00 for Cardiovascular Research Fund; $70.00 for Friends of WOSU; and $50.00 for M. S. Newman Professorship.

$12,000.00 Glass Packing Institute, Washington, D. C., for Engineering Mechanics Discretionary Fund.

$11,000.00 Dow Chemical USA, Midland, Michigan--$8,000.00 for Dow Chemical Fellowship and $3,000.00 for Dow Research Fellowship.

$11,000.00 F. & R. Lazarus & Co., Columbus, Ohio--$7,000.00 for Student Athlete Grant-in-Aid Fund and $4,000.00 for WOSU Support Fund.


$10,120.00 Atlantic Richfield Foundation, Los Angeles, California--$10,000.00 for Chemical Engineering Campaign; $100.00 for Chemical Engineering Support Fund; and $20.00 for undesignated purposes.

$10,050.00 The E. F. Wildermuth Foundation, Columbus, Ohio, for Wildermuth Memorial Scholarship.

$10,000.00 Mid-Ohio Auto, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$10,000.00 Reinberger Foundation, Cleveland, Ohio, for The Joseph S. Platt--Porter, Wright, Morris & Arthur Professorship in Law Fund.

$10,000.00 Mrs. Ann Shagrin, Youngstown, Ohio, for Drs. M. H. and M. E. Speck Fund.

$10,000.00 Union Oil of California, Los Angeles, California, for Chemical Engineering Campaign.
June 10, 1982 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)

$ 9,394.35 Marianne Kaelbling, Columbus, Ohio, for Kaelbling Memorial Fund.

$ 8,000.00 Procter and Gamble Company, Cincinnati, Ohio, for Procter and Gamble Company Fund.

$ 7,500.00 Hoffmann-LaRoche Foundation, Nutley, New Jersey, for Endocrine-Tumor Research Fund.

$ 7,000.00 Dresser Industries, Inc., Dallas, Texas, for Student Athlete Grant-in-Aid Fund.

$ 7,000.00 Eli Lilly and Company, Indianapolis, Indiana, for Eli Lilly Organic Chemistry Fund.

$ 6,500.00 Shell Development, Houston, Texas, for Mechanical Engineering Coal Combustion Fund.

$ 5,810.00 John Blaisdell, Columbus, Ohio, for Food Science and Nutrition Fund.

$ 5,200.00 Conoco, Inc., Houston, Texas--$5,000.00 for Mechanical Engineering Coal Combustion Fund and $200.00 for undesignated purposes.

$ 5,100.00 Bank One of Columbus, Columbus, Ohio--$4,000.00 for Student Athlete Grant-in-Aid Fund; $1,000.00 for Medicine Seminar; and $100.00 for special projects.

$ 5,031.00 Antique Show and Sale, Columbus, Ohio, for Presidents Club Special Fund.

$ 5,000.00 Beasley Industries, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$ 5,000.00 Northrop Corporation, Los Angeles, California, for Aeronautical and Astronautical Engineering Fund.

$ 5,000.00 Ohio Farm Bureau, Columbus, Ohio--$2,500.00 for Cooperative Business Policy Fund and $2,500.00 for Kottman Scholars Fund.

$ 5,000.00 Systems Total Communication, New Kensington, Pennsylvania, for OSU Scholarship Fund.
Establishment of Named Funds

The Roy M. Kottman Scholars Program

The Roy M. Kottman Scholars Program was established June 10, 1982, by the Board of Trustees of The Ohio State University with gifts from alumni, friends, and colleagues of Roy M. Kottman, Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics and 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 will be used to support undergraduate scholarship(s) for students enrolled in education programs administered by or through the College of Agriculture and Home Economics. Scholarships will be awarded by the Office of Student Financial Aid based upon the recommendations of the Roy M. Kottman Scholars Selection Committee. Basis for the awards will encompass high academic achievement, demonstrated leadership, strong communication skills, enthusiasm, and dedication. Financial need will not be a primary consideration.

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 Vice President for Agricultural Administration or from the appropriate administrative officer of the University who is then responsible for study related to the field of agriculture.

The John H. Moore Memorial Loan Fund

The John H. Moore Memorial Loan Fund was established June 10, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Ola K. Moore, Marion, 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 loans to needy and worthy students at the OSU Marion Campus, preferably those who intend to enter the fields of architecture, engineering or medicine, with architecture as the first preference. The selection of the recipient(s) is to be made in cooperation with the Dean of the OSU Marion Campus.

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 at the Marion Campus of OSU as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative officer of the University who is then directly responsible for the education of students in and from the Marion, Ohio, area.
June 10, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Richard Stow Research & Lectureship Fund

The Richard Stow Research & Lectureship Fund was established June 10, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Toshihio Tajima, M.D., Miyazaki-ken 881, Japan.

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

The principal and/or the annual income is to be used to provide a resident research award. In addition, an honorarium and travel expenses are to be given to a visiting lecturer. These awards are to be presented at the Richard Stow Awards Banquet which is held yearly.

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 College of Medicine.

The Dr. Vincent Cranston Ward Memorial Scholarship Fund

The Dr. Vincent Cranston Ward Memorial Scholarship Fund was established June 10, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lawrence B. Leiby, CDR USNR (Ret.), B.A. '40, Geology, in honor and memory of his friend and benefactor, Dr. Vincent Cranston Ward, M.D. '29.

This gift is to be invested in the University’s Investment Portfolio under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

Ten percent (10%) of the annual income is to be applied to the principal each year with the remaining ninety percent (90%) of the income used to provide a scholarship, with first preference to a student who is a resident of Wayne County, Ohio, and who is a first-year student in the College of Medicine. Second preference shall be given to a student who resides in Delaware County. Third preference shall be given to a student who resides in Ashland County. The scholarship is renewable for so long as the student maintains the appropriate academic and need criteria.

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income shall be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to assist in research in heart disease and psoriasis.
June 10, 1982 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 David Z. Saylor Memorial Award

The David Z. Saylor Memorial Award was established June 10, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund by Anne C. and Mark L. Saylor in memory of their son, David Z. Saylor, M.D., who was awarded his degree posthumously June, 1980.

All gifts are to be invested in the University’s Permanent Endowment Fund under the rules and regulations 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 the senior medical student who exhibits outstanding proficiency in the Cardiovascular Teaching Laboratory. The selection shall be made by the Cardiology Division Director, Department of Internal Medicine, College of Medicine of The Ohio State University.

Should the need for this fund cease to exist or so diminish as to provide unused funds, then the income may be used for any medical purpose whatsoever as determined by the Board of Trustees in conjunction with a representative of the family heirs, who shall jointly decide the distribution of the income and its specific purpose.

Allan C. Barnes Endowment Fund

The Allan C. Barnes Endowment Fund was established June 10, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni, residents, fellows, and friends from The Ohio State University, Case Western Reserve University, and Johns Hopkins University.

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

The principal and/or income is to be used to support scholarly activities including lecture-ships in the name 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 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 College of Medicine.
June 10, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The William Ray Flesher Professorship in Educational Administration Fund

The William Ray Flesher Professorship in Educational Administration Fund was established June 10, 1982, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Marie Adamson Flesher, M.A. '35, Ph.D. '51, and William Ray Flesher, M.A. '35, Ph.D. '42, of Little Rock, Arkansas. The name of the fund is to be changed to “The William Ray and Marie Adamson Flesher Professorship in Educational Administration” after the demise of Dr. Marie A. Flesher.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 support for the work of a distinguished scholar in the field of educational administration. Appointment to the Flesher Professorship will be recommended by the Dean of the College of Education 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 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 educational administration.

The Adelaide “Babs” McNamara Memorial Fund

The Adelaide “Babs” McNamara Memorial Fund was established June 10, 1982, by the Board of Trustees of The Ohio State University. The fund is made possible by gifts from the friends and family of Adelaide McNamara, a graduate of the College of Law.

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

The income from this fund is to be used to support programs in the College of Law directed at enhancing the enrollment of, and dealing with the special problems of, female law students. The income may also be used to help with the special problems presented by a law student parent with primary responsibility for the care of a minor child or children. The Dean of the College of Law shall determine how to spend the income to achieve these purposes.
Establishment of Named Funds (contd)

The Adelaide "Babs" McNamara Memorial Fund (contd)

Should the need for The Adelaide "Babs" McNamara Memorial 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 directly responsible for legal education.

Change in Name and 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 Designated Professorship of Law. The designated professorship is created to recognize the work of a distinguished scholar and teacher in the College of Law. Appointment to the Newton D. Baker Designated Professorship of Law will be recommended to the Provost by the Dean of the College of Law for approval by the Board of Trustees. 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 designated professorship, or if the designated professorship should be vacant, the available income may, in the discretion of the Dean of the College of Law, be added to the principal of the fund, 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.

A designated professorship will be established initially, and at such time as sufficient funds are made available, the faculty position will be converted to an endowed professorship.

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.

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June 10, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 82-121

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:

WOODRUFF AVENUE - REPAIR AND RESURFACE
FROM NEIL AVENUE TO HIGH STREET

Project: To repair damaged areas of Woodruff Avenue from Neil Avenue to High Street in preparation for the installation of a 2 1/4" asphalt overlay. This is the final phase of Woodruff Avenue sidewalk, curb, and road repairs.

Funding: 1982-83 Contract Repair (B/A 210134) - Pending approval of the 1982-83 Contract Repair budget.

Estimated Project Cost: $59,000

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. Hilliker, 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 FUND

Resolution No. 82-122

Synopsis: Contracts have been awarded for the project listed below to the lowest and best bidders in accordance with University procedures.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)

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 specifica-
tions 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:

JESSE OWENS MEMORIAL PLAZA

Description: This project consists of restoration of the north end of Ohio Stadium, removal
of existing parking lot pavement, construction of a new pedestrian plaza and associated
landscaping work needed to provide a setting for a statue/memorial honoring Jesse Owens.

General Contract

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<th>Date Received:</th>
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<tr>
<td>No. of Bids:</td>
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<tr>
<td>Low Bid:</td>
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<td>High Bid:</td>
<td>$445,966.00</td>
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<tr>
<td>Estimate of Cost:</td>
<td>$392,569.00</td>
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<td>Awarded to:</td>
<td>The Righter Company, Inc., Columbus, Ohio</td>
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Electrical Contract

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<td>No. of Bids:</td>
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</tr>
<tr>
<td>Low Bid:</td>
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</tr>
<tr>
<td>High Bid:</td>
<td>$54,700.00</td>
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<tr>
<td>Estimate of Cost:</td>
<td>$54,000.00</td>
</tr>
<tr>
<td>Awarded to:</td>
<td>Eastmoor Electrical Contractors, Inc., Columbus, Ohio</td>
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</table>

Total All Contracts: $395,275.00
Total Contingency Allowance: $20,452.70 which is 5 per cent of construction contracts
Total Project Cost: $424,000.00
Funding: H.B. 552, Line Item 315-147 (81-83 Biennium) and Local Funds, Budget Account 882048
June 10, 1982 meeting, Board of Trustees

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

JESSE OWENS MEMORIAL PLAZA (contd)

NOW THEREFORE

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

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

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PURCHASE OF REAL PROPERTY
143 ACRES IN WAYNE COUNTY, OHIO

Resolution No. 82-123

Synopsis: Authorization to purchase two parcels of real property in Wayne County, Ohio, is requested.

WHEREAS the Carl E. and Edith Schaffter real property comprising 99 acres, more or less, improved with a residence, bank barn, equipment storage, and other buildings, described as being the west half of the southeast quarter of Section 23 and part of the northwest corner of the northeast quarter of Section 16 in Franklin Township, Wayne County, Ohio, is being offered for sale; and

WHEREAS the Alden and May Schaffter real property comprising 44 acres, more or less, and described as being part of the east part of the southeast quarter of Section 23 in Franklin Township, Wayne County, Ohio, is being offered for sale; and

WHEREAS the west boundary of the Alden and May Schaffter property is common to the east boundary of the Carl E. and Edith Schaffter property, forming a single contiguous unit of 143 acres, more or less, located adjacent to property of the Ohio Agricultural Research and Development Center; and

WHEREAS over the years the expansion of physical facilities and programs at OARDC and the Agricultural Technical Institute has infringed on research plot land availability, and the purchase of these two properties will alleviate this loss and provide uniform soil and topographic plot land relatively virgin and free from repeated fertility, tillage, chemical and other research treatments, and the release of land presently utilized by the Department of Agronomy for all aspects of agronomic crop research is needed for use by the Departments of Plant Pathology and Entomology for pest management and related research; and
June 10, 1982 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY**

143 ACRES IN WAYNE COUNTY, OHIO (contd)

WHEREAS the proximity of these two properties will provide operating efficiencies which purchases of non-adjacent land would not provide; and

WHEREAS funds are available from Capital Improvements Appropriation No. 320-029 contained in Amended Substitute House Bill 552; and

WHEREAS these properties and improvements have been appraised at values of $275,600 and $275,000 for the Carl E. and Edith Schaffter property and $103,500 and $101,200 for the Alden and May Schaffter property; and

WHEREAS the Vice President for Agricultural Administration and the Acting Director of OARDC have negotiated with the owners for purchase prices of $275,000 (Carl E. and Edith Schaffter), and $100,000 (Alden and May Schaffter), contingent upon Board of Trustees approval:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the property owned by Carl E. and Edith Schaffter at a price of $275,000 and the property owned by Alden and May Schaffter at a price of $100,000.

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

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**EAUSEMENT - WEST OHIO GAS COMPANY**

Resolution No. 82-124

Synopsis: Renewal of gas line easement on the Lima Campus is proposed.

WHEREAS in 1966 the University granted to the West Ohio Gas Company an easement consisting of a twenty-foot wide strip of land and a fifteen-foot wide strip of land each for a gas pipeline to serve University buildings on the Lima Campus; and

WHEREAS this easement expired in 1981, 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 lines for which the easement is requested serve only University facilities; and
June 10, 1982 meeting, Board of Trustees

EASEMENT - WEST OHIO GAS COMPANY (contd)

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

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EASEMENT - OHIO EDISON COMPANY

Resolution No. 82-125

Synopsis: Renewal of a transmission line easement on the Marion Campus is proposed.

WHEREAS in 1967 the University granted to the Ohio Edison Company an easement consisting of a ten-foot wide strip of land for a 12 KV transmission line and for a primary tap to serve University buildings on the Marion Campus; and

WHEREAS this easement expires November 16, 1982, and the University has received a request from the Ohio Edison Company to renew the easement for a period of fifteen years upon the same terms and conditions as the original easement; and

WHEREAS the transmission line for which the easement is requested will serve 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. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--o--
June 10, 1982 meeting, Board of Trustees

GAS LINE EASEMENT TO FREDERICK PETROLEUM CORPORATION,
NOBLE COUNTY, OHIO

Resolution No. 82-126

Synopsis: Authorization to grant a gas line easement in Noble County is requested.

WHEREAS the Ohio Agricultural Research and Development Center has property in Noble County, known as Unit II of the Eastern Ohio Resource Development Center, for the study of strip mining reclamation; and

WHEREAS the Frederick Petroleum Corporation has requested permission to lay a 4" gas line across approximately 9,780 feet of this land to permit them to transmit and sell natural gas from their wells to Columbia Gas Company; and

WHEREAS this line will be located so as not to interfere with any OARDC operations; and

WHEREAS the Frederick Petroleum Corporation will pay OARDC $5.00 per lineal rod (approximately $2,960.00) for this easement; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or 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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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 82-127

RESOLVED, That the report on the University's Investment Portfolio, dated May 21, 1982, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--o--
President Jennings:

Mr. Chairman, that completes my report. I would like to just take a minute and to thank Mr. Gilson for all the work he's done for this University during the past year as Chairman of the Steering Committee. Dick, it was a difficult year and any credit that is to be given should be given to you and your colleagues on the Steering Committee as well as the Faculty Council and the University Senate, but without your help, it would have been a much more difficult year and we appreciate that an awful lot.

And, Mr. Asher, welcome; we'll work you over pretty good, too. We've got a politician now. Although, those faculty members who are not politicians are members of the null set—is that—

And we have a great event tomorrow. It's going to be a great event for me—my first time in the Stadium. I tell you, I know I'm going to be in a ton of trouble because I'm told that that event has not been rained out in 31 years, and I'm not anxious to be the first in 31 years to have it rained out. But I would like to note that if the creeks don't rise, we're going to have a new professor at Ohio State University; he won't actually, but now our special assistant for state relations, Bill Napier, an old country boy from Tennessee and I don't see him here, is now going to have to have a little new respect because as of tomorrow afternoon, he will be Dr. Napier; he will be receiving a Ph.D. from Ohio State University in political science, and now he'll really give us trouble because he'll be one of them, right! But I'd like to congratulate Bill. That's all I have, Mr. Chairman.

Thereupon the Board adjourned to meet Friday, July 9, 1982, at Franz Theodore Stone Laboratory, Gibraltar Island, Ohio, at 12:00 noon.

Attest:

Madison H. Scott          Warren J Smith
Secretary                Chairman
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1982-1983

THE OHIO STATE UNIVERSITY

Edward H. Jennings, President

BOARD OF TRUSTEES

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<td>May 14, 1983</td>
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</tbody>
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OFFICERS

Warren J Smith, Chairman
John D. Jacob, Vice Chairman
Madison H. Scott, Secretary
James Lee Nichols, Treasurer
The Ohio State University

Official Proceedings of the

One Thousand One Hundred and Eighty-First Meeting

Of the Board of Trustees

Gibraltar Island, Ohio, July 9, 1982

The Board of Trustees met at its regular monthly meeting on Friday, July 9, 1982, at Franz Theodore Stone Laboratory, Gibraltar Island, Ohio, pursuant to adjournment.


* *

Minutes of the last meeting were approved.

* *
Synopsis: A new rule 3335-5-582 (Fiscal Committee) is being proposed.

WHEREAS temporary fiscal committees, advisory to the President, have functioned in the recent past during periods of financial stress; and

WHEREAS the Steering Committee, the Ad Hoc Committee on the Release of Tenured Faculty, and the Select Rules Committee on the Release of Tenured Faculty concur, along with other concerned groups, on the desirability of establishing a permanent, continuing Fiscal Committee, charged to develop and apply fiscal expertise in prosperous as well as recessionary times; and

WHEREAS continuity in consideration of fiscal matters is preferable to crisis orientation; and

WHEREAS functioning of rules now in preparation by the Select Rules Committee presupposes the establishment and operation of a permanent Fiscal Committee:

RULE

3335-5-582 Fiscal committee.

(A) The fiscal committee shall consist of fifteen members as follows:

(1) Five members of the university faculty, at least two of whom must be senate members, shall be nominated by the faculty council for three-year terms; two members to be elected the first year, and every third year thereafter, and one member to be elected in each of the other years.

(2) Two members of the university faculty to be appointed by the president for three-year terms, one member to be appointed the first year and every third year thereafter, and one member initially appointed for a two-year term.

(3) Four members shall be students: one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the graduate-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. At least one of the students shall be a member of the university senate; this should be on a rotating basis beginning with the graduate student representatives. Each student member shall be appointed for a two-year term and be eligible for reappointment except the first year, when one of the undergraduate students shall serve a term of only one year.
ADOPTION OF NEW RULE 3335-5-582 (FISCAL COMMITTEE) OF RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-582 Fiscal committee. (contd)

(4) Two staff members for two-year terms, appointed by the president.

(5) Two administration members, appointed by the president, non-voting.

(6) The chairman shall be elected from among the voting members of the committee.

(7) A voting member who has completed a full term shall not be eligible for appointment or election for one year after such service.

(B) The committee shall review, on a continuing basis, the fiscal resources of the university and advise the president on the alternatives and strategies for the long-term and short-term allocation of resources among academic and non-academic areas consistent with maintaining the missions of the university. The committee shall have full access to all fiscal documentation it needs to perform its functions. The committee shall analyze resources and budgets from an overall university-wide perspective, rather than making a detailed analysis of the budgets and expenditures of individual units within the university.

(C) In the event of an imminent financial crisis, the committee will advise the president whether a determination of financial exigency is warranted.

(D) The committee will report to the university senate at least annually.

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees adopt the proposal as approved by the University Senate at its meeting June 8, 1982, for the establishment of a Fiscal Committee, effective July 1, 1982.

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

Mr. Havens: Is that a regularly scheduled type of meeting group? I see it is 15 people.

President Jennings:

Yes—it would be a—hoping, Jack, that that’s going to evolve much more into a longer term planning, and still if we have a financial crisis problem, we’re going to have to work with that group. Essentially, the budget recommendations that we made last May were developed by myself, my staff, in consultation with the ad hoc committee that we had formed. We’re trying to move this more into a long-range activity for anywhere from general allocations to how we might reallocate funds in the institution to do a better job in the institution. I think this, if you will, institutionalizes it, and frankly, I look forward to working with them.

--O--
July 9, 1982 meeting, Board of Trustees

WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08
OF THE ADMINISTRATIVE CODE

Resolution No. 83-2

Synopsis: Request to waive paragraph (G) of bylaw 3335-1-08 of the Administrative Code for the naming of the Agronomy, Natural Resources and Plant Pathology Building.

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

WHEREAS the President wishes to recommend that the Agronomy, Natural Resources and Plant Pathology Building be named to honor Roy M. Kottman who has retired as Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics and Natural Resources:

NOW THEREFORE

BE IT RESOLVED, That paragraph (G) of bylaw 3335-1-08 of the Administrative Code be waived so that the Agronomy, Natural Resources and Plant Pathology Building can be named for a living person.

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

--0--

NAMING OF BUILDING

Resolution No. 83-3

Synopsis: Naming of Agronomy, Natural Resources and Plant Pathology Building.

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

WHEREAS the President recommended, with the concurrence of the President’s Staff, that the Agronomy, Natural Resources and Plant Pathology Building, located at 2021 Coffey Road, be named in honor of Roy M. Kottman, who is widely known for his leadership in agriculture and served as Dean of the College of Agriculture for 22 years:

NOW THEREFORE

BE IT RESOLVED, That the above described building be named Roy M. Kottman Hall to honor Dr. Kottman.

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

--0--
July 9, 1982 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT
Resolution No. 83-4

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 2, 1982, 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. Havens, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--o--

HONORARY DEGREES
Resolution No. 83-5

Synopsis: Approval is requested for awarding honorary degrees to three 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:

John Wilson Black  Doctor of Humane Letters
Russell W. Peterson  Doctor of Humane Letters
G. Ledyard Stebbins  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. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--o--
July 9, 1982 meeting, Board of Trustees

RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION -
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 83-6

Synopsis: Amendments to Bylaws of the Board of Trustees and Rules of the University Faculty are proposed to reflect title changes and the delineation of responsibilities in accordance with the recommended restructuring of the University administration.

WHEREAS as a part of the restructuring of the university administration, amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty are necessary to effectuate the changes proposed; and

WHEREAS paragraph (E) of bylaw 3335-1-03 and rule 3335-3-05 set forth the members of the president's staff and incorporate changes made pursuant to the proposed restructuring of the central administration of the University; and

WHEREAS the recommendation is being made to change the title of the position of provost to that of vice president for academic affairs and provost, and to accommodate this change, bylaw 3335-1-03 paragraph (F) and rule 3335-3-06 need to be amended; and

WHEREAS a new position to be known as vice president for research and graduate studies is being proposed which requires the addition of paragraph (O) to bylaw 3335-1-03 and new rule 3335-3-154; and

WHEREAS the position of vice president for health sciences is being eliminated and the new position of vice president for health services is being recommended with responsibilities as set forth in paragraph (J) of bylaw 3335-1-03 and new rule 3335-3-12; and

WHEREAS with the elimination of the Office of Vice President for Health Sciences, modifications of paragraph (S) of bylaw 3335-1-03 and rule 3335-3-22 are necessary, and to abolish the health sciences council paragraph (V) of bylaw 3335-1-03 and rule 3335-5-481 are hereby recommended for deletion from the publication in the future; and

WHEREAS a new reporting relationship is being proposed for the Office of Student Services, i.e., to report through the Office of Academic Affairs, with the head of that office to be designated the executive associate vice president for academic affairs (student services) these changes to be accomplished through the deletion of paragraph (I) of bylaw 3335-1-03, the elimination of rule 3335-3-09, and the addition of a new rule 3335-3-174; and

WHEREAS to further the updating of the Bylaws of the Board of Trustees and Rules of the University Faculty it is recommended that the proposed title changes/designations be made in all applicable bylaws and rules and shall be incorporated in the next printing of these official documents; and

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President, the rule changes as printed on the following pages are proposed:
July 9, 1982 meeting, Board of Trustees

RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION-
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

BYLAWS

3335-1-03 Administration of the university.

(E) The president's staff.

(1) The president's staff shall consist of the president; the vice president for academic affairs and provost; the vice president for business and finance; the vice president for health services; the vice president for regional campuses; the vice president for educational services; the vice president for personnel services; the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources; the vice president for university communications and development; the vice president for research and graduate studies; the university fiscal officer; the executive associate vice president for academic affairs (student services); and special assistants.

(F) Vice president for academic affairs and provost. The major area of responsibility and authority of the vice president for academic affairs and provost shall be that of the instructional and faculty affairs of the university. Without limiting the generality of the foregoing, the vice president for academic affairs and provost shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: providing coordinated leadership for the development and evaluation of curricular patterns and teaching methods; the selection, promotion, professional development, tenure and salary of instructional staff; through the office for the coordination of minority affairs and in cooperation with the other existing agencies of the university, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising the organization and procedures to improve its effectiveness; the development of the services of the university libraries and other learning resources; in cooperation with the vice president for research and graduate studies, the coordination of research with instruction; the development of instructional programs of the departments of air force aerospace studies, military science and naval science; in cooperation with the vice president for regional campuses, the development of the four regional campuses; and as a deputy of the president of the university, the coordination of all matters administratively assigned to the other vice presidents of the university which relate to the academic program of the university.

(J) Vice president for health services. The major area of responsibility and authority of the vice president for health services shall be that of the health services of the university. Without limiting the generality of the foregoing, the vice president for
July 9, 1982 meeting, Board of Trustees

RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION-
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-1-03 Administration of the university. (contd)

Health services 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 university hospitals; medical audio-visual and TV center; mental retardation center; radiation safety center; comprehensive cancer center; center for continuing medical education; computer-assisted instruction for community hospitals; and agreements and cooperative arrangements with various regional and governmental hospitals.

(O) The vice president for research and graduate studies. The major area of responsibility and authority of the vice president for research and graduate studies shall be that of encouraging, stimulating, and coordinating the research programs of the university. Without limiting the generality of the foregoing, the vice president for research and graduate studies shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: developing broad policies and operating procedures for the research activities of the university; stimulating research developments and assisting in the evaluation of the total research program of the university; providing advice and assistance to college research administrators as they develop their research programs within the college; supplying coordinated leadership in securing governmental, industrial, and individual support for the research programs of the university; developing the interdepartmental and inter-college cooperative arrangements for the administration of the research projects; in cooperation with the vice president for academic affairs and provost and the dean of the graduate school, assist in the coordination of the research programs and the instructional program of the university; and in cooperation with the vice president for business and finance, be responsible for developing the contracting procedures and contract terms for sponsored research undertaken by the colleges and divisions of the university.

(R) Council of deans.

(1) The president of the university, the vice president for academic affairs and provost, the deans of the colleges, the associate provost for instruction, the vice president for research and graduate studies, the deans/directors of the regional campuses, the vice provost for arts and sciences, and the director of libraries shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.

(2) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president.
July 9, 1982 meeting, Board of Trustees

RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

RULES

3335-3-05 President's staff.*

(A) The president's staff shall consist of the president; the vice president for academic affairs and provost; the vice president for business and finance; the vice president for health services; the vice president for regional campuses; the vice president for educational services; the vice president for personnel services; the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources; the vice president for university communications and development; the vice president for research and graduate studies; the university fiscal officer; the executive associate vice president for academic affairs (student services); and special assistants.

(C) Assignment of specific areas of responsibility to members of the president's staff shall be made by the president with the approval of the board of trustees. (B/T 10/5/73, B/T 4/6/79, B/T 4/4/80, B/T 12/10/81, B/T 5/7/82, B/T 6/10/82, B/T 7/9/82)

3335-3-06 Vice president for academic affairs and provost.*

(A) The vice president for academic affairs and provost shall be the executive head of the office of academic affairs and is the chief academic officer of the university.

(B) The major area of responsibility and authority of the vice president for academic affairs and provost shall be that of the instructional and faculty affairs of the university. Without limiting the generality of the foregoing, the vice president for academic affairs and provost shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: providing coordinated leadership for the development and evaluation of curricular patterns and teaching methods; the selection, promotion, professional development, tenure and salary of instructional staff; through the office for the coordination of minority affairs and in cooperation with the other existing agencies of the university, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising the organization and procedures to improve its effectiveness; the development of the services of the university libraries and other learning resources; in cooperation with the vice president for research and graduate studies, the coordination of research with instruction; the development of instructional programs of the departments of air

*Rule initiated by board of trustees.
July 9, 1982 meeting, Board of Trustees

RESTUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-3-06 Vice president for academic affairs and provost.* (contd)

force aerospace studies, military science and naval science; in cooperation with
the vice president for regional campuses, the development of the four regional
campuses; and as a deputy of the president of the university, the coordination
of all matters administratively assigned to the other vice presidents of the university
which relate to the academic program of the university.

(C) The principal administrative officials of the office of the vice president for aca-
demic affairs and provost shall include such associates as may be authorized from
time to time. (B/T 7/9/82)

3335-3-12 Vice president for health services.*

(A) The vice president for health services shall be the executive head of the office of
health services.

(B) The major area of responsibility and authority of the vice president for health
services shall be that of the health services of the university. Without limiting the
generality of the foregoing, the vice president for health services 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 university hospitals; medical
audio-visual and TV center; mental retardation center; radiation safety center;
comprehensive cancer center; center for continuing medical education; computer-
asisted instruction for community hospitals; and agreements and cooperative
arrangements with various regional and governmental hospitals.

(C) The principal administrative officials in the office of health services shall include
such other associates as may be authorized from time to time. (B/T 7/9/82)

3335-3-154 Vice president for research and graduate studies.*

(A) The vice president for research and graduate studies shall be the executive head of
the office of research and graduate studies.

(B) The major area of responsibility and authority of the vice president for research
and graduate studies shall be that of encouraging, stimulating, and coordinating
the research programs of the university. Without limiting the generality of the
foregoing, the vice president for research and graduate studies shall, under the
direction of the president and with the approval of the board of trustees, be
responsible and have the requisite authority for: developing broad policies and
operating procedures for the research activities of the university; stimulating

*Rule initiated by board of trustees.
restructuring of the university administration--
amendments to bylaws of the board of trustees
and rules of the university faculty (contd)

3335-3-154 Vice president for research and graduate studies.* (contd)

research developments and assisting in the evaluation of the total research pro-
gram of the university; providing advice and assistance to college research admin-
istrators as they develop their research programs within the college; supplying
coordinated leadership in securing governmental, industrial, and individual sup-
port for the research programs of the university; developing the interdepartmental
and inter-college cooperative arrangements for the administration of the research
projects; in cooperation with the vice president for academic affairs and provost
and the dean of the graduate school, assist in the coordination of the research
programs and the instructional program of the university; and in cooperation with
the vice president for business and finance, be responsible for developing the
contracting procedures and contract terms for sponsored research undertaken by
the colleges and divisions of the university.

(C) The principal administrative officials in the office of research and graduate studies
shall include the executive director of the Ohio state university research founda-
tion and such other associates as may be authorized from time to time. (B/T
7/9/82)

3335-3-174 Executive associate vice president for academic affairs (student services).*

(A) There shall be an executive associate vice president for academic affairs (student
services) in the office of the vice president for academic affairs and provost.

(B) The authority of the executive associate vice president for academic affairs
(student services) shall be that of the administration of the student services of
the university. Without limiting the generality of the foregoing, the executive
associate vice president for academic affairs shall, under the direction of the vice
president for academic affairs and provost, be responsible for: the development
and administration of policies and operating procedures for registration services
including admissions, registration, records, and scheduling; the promulgation of
rules governing student conduct both on and off campus; the coordination of
student extracurricular activities including all student (or student-connected)
organizations; the administration of all residence and dining hall facilities; non-
academic student discipline; the student health service including primary re-
sponsibility for university-wide environmental health and safety; student union
facilities and programs; student athletic programs including intercollegiate athlet-
ic, recreation and intramural programs; counseling; office for disability services;
student financial aids and scholarships; student personnel assistant program;
off-campus student housing; and international student programs.

(C) The principal administrative officials of the office of the executive associate
vice president for academic affairs (student services) shall include such associates
as may be authorized from time to time. (B/T 7/9/82)

*Rule initiated by board of trustees.
July 9, 1982 meeting, Board of Trustees

RESTRICTURING OF THE UNIVERSITY ADMINISTRATION--AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-3-22 Council of deans.*

(A) The president of the university, the vice president for academic affairs and provost, the deans of the colleges, the associate provost for instruction, the vice president for research and graduate studies, the deans/directors of the regional campuses, the vice provost for arts and sciences, and the director of libraries shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.

(B) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president. (B/T 10/5/73, B/T 2/2/79, B/T 4/3/81, B/T 7/9/82)

*Rule inititated by board of trustees.

NOW THEREFORE

BE IT RESOLVED, That the proposed amendments to the Bylaws of the Board of Trustees and the Rules of the University Faculty be adopted and that they shall be included in the next printing of these official documents.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution with four affirmative votes cast by Messrs. Smith, Hilliker, Havens, and Immke; one negative vote cast by Dr. Jacob; and one abstention by Mrs. Bowser.

--o--

PERSONNEL ACTIONS

Resolution No. 83-7

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Appointment of New Chairmen of Departments and Division, Reappointment of Chairman of Department, Leaves 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 June 10, 1982 meeting of the Board, including the following Appointments, Appointment of New Chairmen of Departments and Division, Reappointment of Chairman of Department, Leaves of Absence Without Salary, Professional Improvement Leave--Change of Date, and Emeritus Titles as detailed in the University Budget, be approved.
### PERSONNEL ACTIONS (contd)

#### Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Office</th>
<th>Effective</th>
<th>Salary</th>
<th>Present Position</th>
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<tr>
<td>DIETHER H. HAENICKE</td>
<td>Acting Vice President for Academic Affairs and Provost</td>
<td>Academic Affairs</td>
<td>On or about August 1, 1982</td>
<td>$69,480.00</td>
<td>Dean, College of Humanities</td>
</tr>
<tr>
<td>MANUEL TZAGOURNIS</td>
<td>Acting Vice President for Health Services</td>
<td>Health Services</td>
<td>July 1, 1982</td>
<td>$69,900.00</td>
<td>Dean, College of Medicine</td>
</tr>
<tr>
<td>FRANCILLE M. FIREBAUGH</td>
<td>Acting Vice President for Agricultural Administration and</td>
<td>Agriculture and Home Economics</td>
<td>July 1, 1982</td>
<td>$67,320.00</td>
<td>Associate Dean, College of Agriculture and Home Economics; Director, School of Home Economics</td>
</tr>
<tr>
<td>JAMES C. GARLAND</td>
<td>Acting Vice President for Research and Graduate Studies</td>
<td>Research and Graduate Studies</td>
<td>Immediately</td>
<td>$56,040.00</td>
<td>Professor, Department of Physics</td>
</tr>
<tr>
<td>WILLIAM R. NESTER</td>
<td>Executive Associate Vice President for Academic Affairs</td>
<td>Academic Affairs</td>
<td>July 1, 1982</td>
<td>$57,720.00</td>
<td>Vice President for Student Services</td>
</tr>
<tr>
<td>LARRY R. THOMPSON</td>
<td>Special Assistant to the President (Legal Affairs)</td>
<td>President's Office</td>
<td>July 1, 1982</td>
<td>$54,000.00</td>
<td>Acting Special Assistant to the President</td>
</tr>
</tbody>
</table>
July 9, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: JUDITH B. WASHBURN
Title: Special Assistant to the President (Finance)
Office: President’s Office
Effective: June 10, 1982
Salary: $54,000.00
Present Position: Acting Special Assistant to the President

Name: WILLIAM J. NAPIER
Title: Special Assistant to the President (State Relations)
Office: President’s Office
Effective: July 1, 1982
Salary: $41,280.00
Present Position: Acting Special Assistant to the President

Appointment of New Chairmen of Departments and Division

July 1, 1982 through June 30, 1986

Agricultural Business Technology (ATI)                  Mark Headings
Anatomy                                          James S. King
Human Nutrition and Food Management              *Lena Bailey
Veterinary Pathobiology                         Charles Capen

Reappointment of Chairman of Department

July 1, 1982 through June 30, 1986

Art Education                                    Kenneth Marantz

*Acting Chairman.

Leaves of Absence Without Salary

SAMUEL CHU, Professor, Department of History, effective October 1, 1982 through December 31, 1982, to accept a visiting appointment at Georgetown University.

KEVIN ALBERT RYAN, Professor, Academic Faculty of Educational Foundations and Research, effective October 1, 1982 through June 30, 1983, to accept an appointment at Boston University to work on a project to prepare teacher education faculties for new institutions in Portugal.

GEORGE F. WADLINGTON, Professor, Cooperative Extension Service, effective July 1, 1982 through September 30, 1982, for medical reasons.
July 9, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

PAUL L. GERSTNER, Assistant Professor, Cooperative Extension Service, effective July 1, 1982 through September 30, 1982, for medical reasons.

C. WILLIAM MCCURDY, Assistant Professor, Department of Chemistry, effective January 1, 1983 through March 31, 1983, to conduct research at the FOM Institute in Amsterdam.

JENNIFER TRAP PORTER, Assistant Professor, Academic Faculty for Exceptional Children, effective October 1, 1982 through June 30, 1983, for personal reasons.

Professional Improvement Leave--Change of Date


Emeritus Titles

W. ARTHUR CULLMAN, Academic Faculty of Marketing, with the title Professor Emeritus, effective July 1, 1982.

WILLIAM C. DEW, College of Dentistry - Administration, with the title College Secretary Emeritus, effective July 1, 1982.

HOWARD E. FRISBEE, Cooperative Extension Service, with the title Professor Emeritus, effective August 1, 1982.

DONALD J. HOFF, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1982.

DAVID O. JONES, Department of Veterinary Preventive Medicine, with the title Professor Emeritus, effective August 1, 1982.

ROBERT G. KOUYOMJIAN, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1982.

JAMES H. LIMBIRD, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1982.

MORRIS OJALVO, Department of Civil Engineering, with the title Professor Emeritus, effective July 1, 1982.

RICHARD W. PARKINSON, Department of Engineering Graphics, with the title Professor Emeritus, effective July 1, 1982.
July 9, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

CHARLES H. SUMMERSON, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1982.

MARLIN O. THURSTON, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1982.

HENRY E. WENDEN, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1982.

DONALD J. VINCENT, Department of Medicine, with the title Clinical Professor Emeritus, effective July 1, 1982.

LINNEA ANDERSON, School of Allied Medical Professions, with the title Associate Professor Emeritus, effective July 1, 1982.

ROSS A. NORRIS, Department of Art Education, with the title Associate Professor Emeritus, effective July 1, 1982.

MARIAN R. BUTLER, Department of Textiles and Clothing, with the title Assistant Professor Emeritus, effective July 1, 1982.

DORA E. COLVER, School of Nursing, with the title Assistant Professor Emeritus, effective July 1, 1982.

DAVID S. GOLDSCHMIDT, College of Optometry, with the title Clinical Assistant Professor Emeritus, effective July 1, 1982.

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

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RESOLUTION IN MEMORIAM

Resolution No. 83-8

Synopsis: A resolution honoring the service of a former member of the Board of Trustees 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.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
RESOLUTION IN MEMORIAM (contd)

Jack G. Gibbs

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 22, 1982, of Jack G. Gibbs, former member of the Board of Trustees.

Mr. Gibbs was appointed as a Trustee of The Ohio State University by Governor James A. Rhodes to fill an unexpired term beginning April 9, 1969 and ending May 13, 1970, with Mr. Gibbs taking office May 5, 1969.

Mr. Gibbs graduated from West High School. He received his Bachelor of Science in Education degree in 1954 and Master of Arts degree in 1957, both from The Ohio State University. While at Ohio State he played varsity football and was a member of the team that won the Rose Bowl in 1955.

Mr. Gibbs began his career in education as a history teacher at Central High School. In 1960, he became Assistant Principal at Franklin Junior High School. He was appointed Assistant Principal at East High School in 1963 and then served as Principal from 1967 to 1971. In 1972, he was appointed Executive Director of the Metropolitan Career Center, now the Ft. Hayes Career Center.

A dynamic educator and community leader, Mr. Gibbs touched the lives of many people and had a positive impact on students of all backgrounds.

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 in their bereavement.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-9

Synopsis: The reports on contracts, grants, and gifts and the summary for May 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:
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

NOW THEREFORE

BE IT RESOLVED, That the research agreements 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 1982 be approved.

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

SUMMARY FOR MAY 1982

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>85</td>
<td>$4,437,331.44</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>24</td>
<td>322,101.00</td>
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<tr>
<td>Ohio Agricultural Research and Development Center</td>
<td>7</td>
<td>67,500.00</td>
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<tr>
<td></td>
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<td>$4,826,932.44</td>
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The Ohio State University Development Fund

Establishment of Named Fund

The W. Arthur Cullman Business Policy Support Fund
(College of Administrative Science) $5,000.00

Report from Presidents Club

<table>
<thead>
<tr>
<th>Members to date</th>
<th>4,537</th>
</tr>
</thead>
<tbody>
<tr>
<td>1982 members: year to date</td>
<td>63</td>
</tr>
<tr>
<td>New members - May 1982</td>
<td>10</td>
</tr>
</tbody>
</table>

New Presidents Club Members - May 1982

<table>
<thead>
<tr>
<th>John E. Baldini</th>
<th>Fred C. Hubbell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samuel P. Calabretta</td>
<td>Susan Magorien (Mrs. Raymond D.)</td>
</tr>
<tr>
<td>Don E. Cook</td>
<td>Peter R. Peirce</td>
</tr>
<tr>
<td>Thomas E. Fontana</td>
<td>Edward S. Sadar</td>
</tr>
<tr>
<td>Thomas W. Hannon</td>
<td>Keith P. Urban</td>
</tr>
</tbody>
</table>
July 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$1,099,940.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1982 through 30 September 1983. (Project 760081 - Continuation)


$133,612.00 - 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 1982 through 31 May 1983. (Project 763284 - Continuation)

$129,895.00 - 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 1982 through 30 April 1983. (Project 763920 - Continuation)

$86,622.00 - National Science Foundation, Washington, D. C., Dynamics of the Southern Portion of the Greenland Ice Sheet, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), Institute of Polar Studies (J. R. Bolzan), Department of Mathematics (R. E. Ewing), and Department of Geodetic Science (I. I. Mueller), 1 May 1982 through 30 April 1983. (Project 762103 - Continuation)

$80,600.00 - Department of the Army, Armament Research and Development Command, Aberdeen Proving Ground, Maryland, Histological Preparation and Evaluation of Noise Exposed Ears, Department of Otolaryngology (D. J. Lim) and Department of Communication (D. E. Dunn), 20 May 1982 through 19 April 1983. (Project 763089 - New)

$73,452.00 - 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 1982 through 30 April 1983. (Project 763080 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$69,974.00 - Department of Agriculture, Science and Education Administration, Washington, D. C., Institutional Support from the Animal Health and Disease Research Act of 1977, Department of Veterinary Medicine (R. A. Wright), Department of Veterinary Pathology (R. P. Herd), Department of Veterinary Preventive Medicine (S. Bech-Neilsen), Department of Microbiology (B. Zwilling), and Department of Veterinary Clinical Sciences (D. M. Rings, G. F. Hoffsis, and B. L. Hull), 1 March 1982 through 30 September 1982. (Project 762621 - Continuation)

$68,271.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (R. Glaser), 1 April 1982 through 31 March 1983. (Project 762623 - Continuation)

$65,327.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Phase I Studies of New Anticancer Agents, Cancer Research Center (J. A. Neidhart), 1 April 1982 through 1 July 1985. (Project 763077 - New)

$65,000.00 - National Science Foundation, Washington, D. C., Modelling, Control, and Simulation of Human Movement, Department of Electrical Engineering (H. Hemami), 1 July 1982 through 30 June 1983. (Project 763077 - New)

$61,391.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 June 1982 through 31 May 1983. (Project 763079 - Continuation)

$56,000.00 - National Science Foundation, Washington, D. C., Magnetic Resonance in Ferromagnetic Domain Walls, Department of Physics (P. E. Wigen), 1 July 1982 through 30 June 1983. (Project 762292 - Continuation)

$55,000.00 - National Science Foundation, Washington, D. C., Paleoclimatic Ice Core Records from the Tropical Quelccaya Ice Cap, Institute of Polar Studies (D. H. Elliot and L. G. Thompson), 1 June 1982 through 31 May 1983. (Project 762663 - Continuation)

$48,979.00 - 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 1982 through 30 June 1983. (Project 760993 - Continuation)
July 9, 1982 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., Research Initiation: Independent Modal-Space Control of Flexible Systems, Department of Aeronautical and Astronautical Engineering (H. Oz), 1 July 1982 through 31 December 1984. (Project 763102 - New)

$46,670.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Lung Carbon Dioxide Receptors and Ventilatory Control, Department of Anesthesiology (R. D. Tallman), 1 May 1982 through 30 April 1983. (Project 763073 - New)

$43,395.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Spectral Sensitivities of Turtle Photoreceptors, Department of Biophysics (L. E. Lipetz), 1 June 1982 through 31 May 1983. (Project 762642 - Continuation)

$42,600.00 - National Science Foundation, Washington, D. C., Microparticle Analysis and Glaciological Interpretation of the 500-m Ice Core, South Pole Antarctica, Institute of Polar Studies (D. H. Elliot, E. Mosley-Thompson, and L. Thompson), 1 May 1982 through 30 September 1983. (Project 762875 - Continuation)

$41,743.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Research on the Braking and Handling Properties of Trucks and Other Vehicles, Department of Mechanical Engineering (D. A. Guenther), 1 July 1982 through 30 June 1983. (Project 763106 - New)


$39,044.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells in Vivo, College of Pharmacy (D. T. Witiak), 1 July 1982 through 30 September 1982. (Project 762177 - Continuation)

$37,479.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, in Vitro, Department of Physiological Chemistry (G. E. Milo), 1 July 1980 through 30 June 1983. (Project 762178 - Continuation)
July 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$34,217.00 - 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 1982 through 30 June 1983. (Project 761054 - Continuation)

$34,200.00 - Department of the Army, Natick Research and Development Command, Natick, Massachusetts, TCM Replacement, Department of Civil Engineering (O. J. Sproul and A. J. Rubin), 13 May 1982 through 21 May 1983. (Project 762682 - Continuation)

$32,562.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of Ca²⁺ Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1982 through 30 June 1983. (Project 761174 - Continuation)

$30,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 July 1982 through 30 June 1983. (Project 760226 - Continuation)

$29,917.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels with Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. Blakeslee), 1 July 1982 through 30 September 1982. (Project 762179 - Continuation)

$29,721.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Strategies to Disrupt Pregnancy in the Tsetse Fly, Department of Entomology (D. L. Denlinger), 1 May 1982 through 30 April 1983. (Project 762136 - Continuation)

$29,626.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Problems of Statistical Inference with Special Application, Department of Statistics (J. S. Rustagi), 1 April 1982 through 31 March 1983. (Project 763099 - Continuation)

$26,862.00 - Department of the 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), 1 July 1982 through 30 June 1983. (Project 761657 - Continuation)
Federal Research Contracts/Grants (contd)

<table>
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<tr>
<th>Amount</th>
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<tbody>
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<td>$26,795.00</td>
<td>Department of Defense, Defense Dependent Schools, Washington, D. C., Foreign Language Workshop, Academic Faculty of Humanities Education (E. D. Allen and D. W. Birckbichler), 1 August 1982 through 20 August 1982. (Project 763107 - New)</td>
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<tr>
<td>$25,000.00</td>
<td>National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 April 1982 through 30 June 1982. (Project 762612 - Continuation)</td>
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<tr>
<td>$23,500.00</td>
<td>National Science Foundation, Washington, D. C., The Banach-Mazur Distance Between Finite Dimensional Spaces and Projection Constants, Department of Mathematics (W. J. Davis), 1 July 1982 through 30 June 1983. (Project 762659 - Continuation)</td>
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<td>$21,360.00</td>
<td>National Science Foundation, Washington, D. C., Topics in Ergodic Theory, Department of Mathematics (A. del Junco), 1 July 1982 through 30 June 1984. (Project 762160 - Continuation)</td>
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<td>$20,000.00</td>
<td>Environmental Protection Agency, Washington, D. C., Lake Erie Sediment Resuspension and Transport Mechanisms: Nearshore Vertical Profiles and Flux Rates, Department of Civil Engineering (K. W. Bedford and C. A. Moore), 1 April 1982 through 31 March 1983. (Project 762224 - Continuation)</td>
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<tr>
<td>$19,999.00</td>
<td>National Science Foundation, Washington, D. C., Stratigraphy, Sedimentology and Sedimentary Petrology and Permian-Triassic Gondwana Sequence in North Victoria Land, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans). 1 July 1982 through 30 June 1983. (Project 762829 - Continuation)</td>
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<tr>
<td>$19,909.00</td>
<td>National Science Foundation, Washington, D. C., Bounding the Norm of the Poincare Theta Operator, Department of Mathematics (L. A. Parson), 1 July 1982 through 30 June 1984. (Project 763078 - New)</td>
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<td>$18,380.00</td>
<td>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 the Acoustic-Motor Pathways in the Opossum, Department of Anatomy (G. F. Martin and F. H. Willard), 1 June 1982 through 31 May 1983. (Project 763100 - New)</td>
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<tr>
<td>$17,947.00</td>
<td>National Science Foundation, Washington, D. C., Glaciology Near Dome “C”, East Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 July 1982 through 30 June 1983. (Project 762783 - Continuation)</td>
</tr>
</tbody>
</table>
July 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$16,480.00 - Department of Education, Office of Procurement and Assistance Management, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation (D. C. Cavin), 1 June 1982 through 31 May 1983. (Project 762209 - Continuation)

$13,390.00 - Department of Education, Office of Special Education, Office of Procurement and Assistance Management, Washington, D. C., Inservice Training for School Administrators, Academic Faculty for Exceptional Children (J. O. Cooper), 1 June 1982 through 31 May 1983. (Project 762139 - Continuation)

$5,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Conference on Wave Propagation and Scattering, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 22 April 1982 through 21 April 1983. (Project 763098 - New)

$3,046.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb and D. E. Schumm), 1 April 1982 through 31 March 1983. (Project 760063 - Continuation)

$2,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 March 1982 through 15 September 1982. (Project 762359 - Continuation)

$1,063.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Substituted Polycyclic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 June 1982 through 30 June 1982. (Project 761809 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $3,073,445.00

State of Ohio Research Contracts/Grants

$41,421.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Ohio's Martin W. Essex School for the Gifted 1982, Academic Faculty for Exceptional Children (R. H. Swassing and S. E. McCormick), 1 April 1982 through 31 March 1983. (Project 763095 - New)
July 9, 1982 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)

$14,861.00 - The Ohio Program in the Humanities, Columbus, Ohio, Africa and the West: The Challenge of African Humanism, Department of Black Studies (I. J. Mowoe) and Department of Romance Languages and Literatures (R. W. Bjornson), 6 March 1982 through 30 June 1982. (Project 763058 - New)

$3,000.00 - Ohio Arts Council, Columbus, Ohio, Hispanic Awareness Week - Tony Croatto Concert, Department of Student Organizations and Community Life (M. Livingston), 18 March 1982 through 4 April 1982. (Project 763103 - New)

$1,200.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Perceptions of Natural Area Managers Towards Resources and Visitors, School of Natural Resources (J. L. Heywood and G. W. Mullins), 14 May 1982 through 31 March 1983. (Project 763044 - New)

$1,050.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, An Assessment of the Impact of Educational/Interpretive Programming in Selected Ohio Natural Areas, School of Natural Resources (M. L. Bowman-Cowen), 14 May 1982 through 31 March 1983. (Project 763045 - New)

$984.00 - The Ohio Program in the Humanities, Columbus, Ohio, Broadcast of the 1982 Boyd H. Bode Memorial Lecture, Department of Telecommunications (D. K. Ouzts), 5 April 1982 through 31 May 1982. (Project 763070 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 62,516.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants


$73,857.00 - The Krocn Foundation, Santa Ynez, California, B Cell Function in Human Autoimmunity, Department of Medicine (R. L. Whisler), 1 July 1982 through 30 June 1984. (Project 763091 - New)

$50,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, John W. Galbreath Program in Birth Defects, College of Medicine - Administration (M. Tzagournis), Department of Pediatrics (J. A. Menke), and Department of Obstetrics and Gynecology (J. D. Iams), 1 April 1982 through 31 March 1983. (Project 763087 - New)

$46,580.00 - American Council of Life Insurance, Washington, D. C., The Level and Composition of Household Savings, Academic Faculty of Finance (P. H. Hendershott), 1 March 1982 through 31 October 1983. (Project 763096 - New)
July 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$37,778.00 - Technicon Instruments Corporation, Tarrytown, New York, Trace Organic Analysis by a Combination of Optical and Electrochemical Methods, Department of Chemistry (R. L. McCrery), 1 June 1982 through 31 May 1983. (Project 762616 - Continuation)

$33,700.00 - The University of Tennessee, Knoxville, Tennessee, Modeling for Ultrasonic NDE of Columnar Structure in Anisotropic Materials, Department of Welding Engineering (L. Adler), 14 March 1982 through 14 March 1983. (Project 762453 - Continuation)

$31,769.00 - American Congress on Surveying and Mapping, Falls Church, Virginia, Organizing and Establishing a National Committee for Digital Cartographic Data Standards, Department of Geography (H. J. Moellering), 10 March 1982 through 9 March 1983. (Project 763069 - New)

$30,235.00 - Procter and Gamble Company, Cincinnati, Ohio, A Double Blind, Parallel Comparison of Aspirin and Placebo Following Tooth Extraction in Dental Patients, College of Dentistry - Administration (J. M. Weaver and F. M. Beck), 1 May 1982 through 10 July 1982. (Project 763075 - New)

$30,000.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Meta-Xylylene and Related Compounds, Department of Chemistry (M. S. Platz), 1 June 1982 through 31 August 1984. (Project 763088 - New)


$26,206.89 - Various Pharmaceutical Labs, Research in Clinical Pharmacology, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 March 1982 through 28 February 1983. (Project 763104 - New)

$25,291.00 - National Cash Register, NCR Central Technical Education Center, Miamisburg, Ohio, Development of a Criterion Referenced Training Course for NCR Field Engineers: Tape Drive Unit - Model 6325 (Phase I), Academic Faculty of Vocational-Technical Education (A. J. Miller) and College of Education - Administration and Academic Faculty of Industrial Technology (J. J. Buffer), 10 March 1982 through 15 June 1982. (Project 763111 - New)
July 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)


$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effects of Long-term Stimulation on Muscle Oxygenation, Department of Physiology (E. W. Kanabus), 1 July 1982 through 30 June 1983. (Project 762710 - Continuation)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Energetics of Contraction in Single Muscle Cells, Department of Physiology (J. A. Rall), 1 October 1982 through 30 September 1983. (Project 763110 - New)

$15,220.00 - 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 and D. H. Elliot), 1 May 1982 through 30 April 1983. (Project 763109 - New)

$14,200.00 - Iowa State University - Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 June 1982 through 30 September 1982. (Project 762511 - Continuation)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Determination of Left Ventricular Mechanical Efficiency, Department of Physiology (H. P. Pieper and G. M. Pantalos), 1 July 1982 through 30 June 1983. (Project 763108 - Continuation)

$10,653.00 - Iowa State University - Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Elastic Wave Scattering by Flaws for Application to NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 June 1982 through 30 September 1982. (Project 762502 - Continuation)

$10,000.00 - The Weight Watchers Foundation, Inc., Manhasset, New York, Role of Endorphins in Obesity, Department of Pharmacology (G. A. Tejwani), 1 July 1982 through 30 June 1983. (Project 762665 - Continuation)

$7,000.00 - General Electric Company, Syracuse, New York, Hybrid Metallic Radome, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 17 May 1982 through 29 October 1982. (Project 763105 - New)
July 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$6,000.00 - Institute of International Education, New York, New York, UNESCO Special International Visitors, Department of Communication (J. L. Golden), 1 April 1982 through 30 September 1982. (Project 763090 - New)

$6,000.00 - Westinghouse Electric Corporation, Power Electronics and Drive Systems Division, Buffalo, New York, The Potential of Japan's KANBAN System in Different Manufacturing Settings: Computer Simulation and Behavioral Assessments, Academic Faculty of Management Science (L. J. Krajewski and L. P. Ritzman), 1 April 1982 through 30 June 1982. (Project 762537 - Continuation)

$5,105.00 - Southwest Oncology Group, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1982 through 31 December 1982. (Project 761460 - Continuation)

$4,849.00 - Southeastern Ohio Technical Education Consortium, Nelsonville, Ohio, Cooperative Agreement Between Southeastern Ohio Technical Consortium and The Ohio State University Research Foundation, Cooperative Extension Service - State Operations (C. J. Cunningham) and Cooperative Extension Service - Field Operations (L. G. Sanford and D. P. Miller), 29 March 1982 through 15 June 1982. (Project 763083 - New)

$4,455.55 - The Toledo Edison Company, Toledo, Ohio, Toledo Edison Environmental Report Preparation and Evaluation, Center for Lake Erie Area Research (J. M. Ruetter), 1 May 1982 through 31 August 1982. (Project 763101 - New)


$2,372.00 - Caldwell Community College and Technical Institute, Hudson, North Carolina, Implementing Competency-Based Occupational Education Programs, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1982 through 30 September 1982. (Project 763093 - Continuation)

$1,478.00 - Boehringer Ingelheim, Ltd., Ridgefield, Connecticut, Analysis of Dipyridamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 May 1982 through 31 May 1982. (Project 762928 - Continuation)
July 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$1,427.00 - Southwest Oncology Group, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 April 1982 through 31 May 1982. (Project 760617 - Continuation)

$1,056.00 - The University of Wisconsin-Milwaukee, Milwaukee, Wisconsin, Multi-regional Conference on Institutional Abuse and Neglect, College of Social Work (N. J. Rindfleisch), 1 February 1982 through 31 May 1982. (Project 763085 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,301,370.44

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$26,000.00 - The Ohio State University, Office of Physical Facilities, for "Study of Energy Conservation for University Buildings--Program 4244," Department of Mechanical Engineering, October 11, 1973 through December 31, 1982. (EES 468X, Extension 11-529008)

$296,101.00 - 23 sponsors of development projects under the direction of nine engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $ 322,101.00

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

$18,000.00 - Agricultural Cooperative Service, U. S. Department of Agriculture, Washington, D. C., support of a study on electronic marketing of slaughter hogs: transitioning to commercial viability, Department of Agricultural Economics and Rural Sociology, April 1, 1982 to March 31, 1983. (Contract No. 58-31C7-2-1000)

$2,000.00 - Michigan State University, Pesticide Research Center, East Lansing, Michigan, support of a study on IR-4 Program 1982 Food-Use Projects, Department of Plant Pathology, April 20, 1982 to January 31, 1983. (Contract No. P. O. 02669)

TOTAL - FEDERAL CONTRACTS/GRANTS $ 20,000.00
July 9, 1982 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Industrial and Other Contracts/Grants

$20,000.00 - The Standard Oil Company (SOHIO), Cleveland, Ohio, support of a study on use of ancestral germplasm for increased corn production, Departments of Entomology and Agronomy, April 30, 1982 to April 29, 1983. (Contract No. P.O. 44-0229-B295)

$10,500.00 - Lilly Research Laboratories, Worthington, Ohio, support of a study to evaluate the growth promotant properties of EL-750 on growing/finishing swine, Department of Animal Science, May to November 1982.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS $ 30,500.00

Gifts of $5,000 or More

$6,000 from Dow Chemical Company, Midland, Michigan
$6,000 from Mobay Chemical Corporation, Kansas City, Missouri
$5,000 from Mandops, Inc., West Palm Beach, Florida

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

April 1982

Gifts of $5,000 or More

$40,755.92 Louise Orr Scott Foundation, Columbus, Ohio--$30,566.94 for William C. Orr and Mary B. Orr Scholarship in Medicine and $10,188.98 for William C. Orr and Mary B. Orr Scholarship in Pharmacy.

$34,276.33 Sterling-Winthrop Research Institute, Rensselaer, New York--$20,111.00 for Cardiovascular Pharmacology Fund; $10,832.00 for Amrionone Research-Dynamics; and $3,333.33 for Amrionone Research-Hematology.

$26,000.00 Coopers & Lybrand, New York, New York--$16,000.00 for Coopers & Lybrand Fund and $10,000.00 for Coopers & Lybrand Fund Scholars Program.

$25,600.00 Janssen Pharmaceutical Company, New Brunswick, New Jersey, for Anesthesia Research Education Fund.

$26,000.00 Amoco Foundation, Inc., Chicago, Illinois, for Advanced Design Methods Lab, Mechanical Engineering.

$19,433.00 Warner-Lambert, Morris Plains, New Jersey, for Anesthesia Research Education Fund.
July 9, 1982 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)

$16,130.30 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

$13,500.00 Dow Chemical, Midland, Michigan--$6,000.00 for Plant Pathology-Special Fund; $4,500.00 for Agronomy Weed Research Fund; and $3,000.00 for Dow Research Fellowship.

$12,117.62 Carl Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

$10,693.34 Wendy's International, Inc., Dublin, Ohio--$5,693.34 for Menopausal Project Fund and $5,000.00 for Student Athlete Grant-in-Aid Fund.

$10,000.00 Grand Aerie Eagles Fraternal Order, Columbus, Ohio, for Cancer Research Center.

$10,000.00 Thurman Manufacturing Company, Columbus, Ohio--$8,000.00 for ISE Advancement Fund and $2,000.00 for Student Athlete Grant-in-Aid Fund.

$ 9,750.00 B. F. Goodrich Company, Akron, Ohio--$7,500.00 for B. F. Goodrich Company Fund; $1,000.00 for Structural Dynamics Research Center Fund; $500.00 for Chemical Engineering Support Fund; $500.00 for Home Economics Program Fund; $150.00 for History Discretionary Fund; and $100.00 for undesignated purposes.

$ 8,333.00 Ohio Federal Products Credit, Marion, Ohio, for Endowed Program Fund in Cooperative Business Management.

$ 8,000.00 Midland-Ross Corporation, Urbana, Ohio, for Student Athlete Grant-in-Aid Fund.

$ 7,200.00 Melvin Moffitt, San Antonio, Texas, for M. E. Moffitt Memorial Fund.

$ 6,500.00 Capital City Products, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$ 6,250.00 Hanna Chemical Coatings Corporation, Columbus, Ohio--$6,000.00 for Student Athlete Grant-in-Aid Fund and $250.00 for Friends of WOSU.

$ 6,000.00 Gleason Memorial Fund, Inc., Rochester, New York, for Gear Dynamics Lab Fund.
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 Ashland Chemical Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$ 5,000.00 Brubaker/Brandt, Columbus, Ohio, for Architecture Division Fund.

$ 5,000.00 Duriron Company, Inc., Dayton, Ohio, for Duriron Company Scholarship.

$ 5,000.00 Fluid Power Education Fund, Milwaukee, Wisconsin, for Fluid Power Fund.

$ 5,000.00 George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.

$ 5,000.00 Marion Area College Foundation, Inc., Marion, Ohio, for Marion Campus Scholarship Fund.

$ 5,000.00 OSU Dental Alumni Association, Worthington, Ohio, for Dental Alumni Loan.

$ 5,000.00 Republic Steel, Cleveland, Ohio, for Republic Steel Research Fund.

$ 5,000.00 Structural Dynamics, Milford, Ohio, for Advanced Design Methods Lab-Mechanical Engineering.

$ 5,000.00 Walter Wall, Columbia, Maryland, for OSU Campaign-China.

May 1982

$50,000.00 The Kiplinger Foundation, Washington, D. C., for W. M. Kiplinger Chair.

$35,133.79 Retinal Consultants, Columbus, Ohio--$32,832.97 for Retina Research Fund and $2,300.82 for Ophthalmology Photography Fund.

$34,873.35 Herold Angela, Cleveland, Ohio, for Pharmacy Advancement Fund.

$28,500.00 John Nordholt, Tiffin, Ohio, for Nordholt Professorship in Engineering.

$25,620.00 Armco Foundation, Middletown, Ohio--$25,000.00 for Mars G. Fontana Professorship Fund; $400.00 for College of Engineering Special Fund; $70.00 for Friends of the Library; $50.00 for Blood Research-Bouroncle Fund; $50.00 for College of Social Work Fund; and $50.00 undesignated.
July 9, 1982 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)

$25,100.00 Cecilia and Arthur Cullman Fund of the Columbus Foundation, Columbus, Ohio--$10,000.00 for Abramowitz Professorship Fund; $10,000.00 for Cullman Symposium Fund; $5,000.00 for College of Administrative Science Fund; and $100.00 for Schwartz Family Fund.

$25,000.00 Borden, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$25,000.00 Edwin A. and Julia Green Dodd Fund No. 2 of the Cleveland Foundation, Cleveland, Ohio, for furtherance in Extension Work--Cuyahoga County.

$25,000.00 Pulmonary Association, Columbus, Ohio, for Pulmonary Research-Whitcomb Fund.

$21,325.00 Nelson Lancione, Columbus, Ohio--$18,257.52 for John B. Lancione Memorial Fund; $2,567.48 for Presidents Club Special Fund; and $500.00 for Student Athlete Grant-in-Aid Fund.

$20,111.00 Sterling-Winthrop, Rensselaer, New York, for Cardiovascular Pharmacology Fund.

$20,000.00 Bremer Foundation, Youngstown, Ohio, for Bremer Foundation Fund.

$18,243.80 Warner Pomerene, Coshocton, Ohio--$7,297.52 for Pomerene Medical Research Fund; $5,473.14 for Pomerene Fund in Agriculture; and $5,473.14 for J. W. Bricker Professorship.

$17,318.99 American Medical Association, Chicago, Illinois, for Faculty Seminar-Medicine Fund.

$17,000.00 Ernst and Whinney Foundation, Cleveland, Ohio, for Ernst and Whinney Conference.

$16,638.75 Textron, Inc., Providence, Rhode Island, for J. B. Collinson Fund.

$14,728.36 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$14,342.17 Order of Eastern Star, Grand Chapter, Danville, Ohio, for Cancer Research Fund.
July 9, 1982 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)

$11,050.00 OSU Women's Club, Worthington, Ohio--$8,050.00 for OSU Women's Scholarship Fund and $3,000.00 for University Women's Club Loan.

$10,000.00 Essie Zesinger, Columbus, Ohio, for undesignated purposes.

$9,500.00 Central Ohio Technical College, Newark, Ohio, for Newark Campus Scholarship Fund.

$8,400.00 Mead Johnson and Company, Evansville, Indiana, for Ryan Cardiology Disease Fund.

$8,000.00 Ohio Dairy Farmers' Federation, Columbus, Ohio, for Ohio Dairy Research Fund.

$8,000.00 Ohio Turfgrass Foundation, Columbus, Ohio--$4,500.00 for Turfgrass Research Fund and $3,500.00 for Turf Diseases Fund.

$8,000.00 Summer and Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$7,471.00 Ohio Federation Production Credit Association, Marion, Ohio--$4,671.00 for Endowed Program Fund Cooperative Business Management Fund and $2,800.00 for Ohio Federation Production Credit Association Scholarship Fund.

$7,000.00 Life Insurance Financial Credit, Columbus, Ohio, for Ophthalmology Teaching Fund.

$6,750.00 Alcoa Foundation, Pittsburgh, Pennsylvania--$1,750.00 for Alcoa Foundation Scholarship; $1,000.00 for Alcoa Scholarship Fund in Chemical Engineering; $1,000.00 for Alcoa Scholarship Fund in Electrical Engineering; $1,000.00 for Alcoa Scholarship Fund in Industrial Engineering; $1,000.00 for Alcoa Scholarship Fund in Mechanical Engineering; and $1,000.00 for Alcoa Scholarship Fund in Metallurgical Engineering.

$6,500.00 AmeriTrust, Cleveland, Ohio, for A. M. & H. R. Templeton Medical Research Fund.

$6,500.00 SCOA Industries, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
July 9, 1982 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)

$ 6,000.00  AccuRay Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$ 6,000.00  Touche Ross Foundation, New York, New York, for Touche Ross Accounting Fund.

$ 5,825.00  Ciba-Geigy Corporation, Ardsley, New York--$5,800.00 for Agronomy Weed Research Fund and $25.00 for College of Agriculture Support Fund.

$ 5,400.00  Rhone-Poulenc, Inc., New York, New York--$1,200.00 for Horticulture Weed Control Research Fund; $1,200.00 for Turfgrass Research Fund; $1,000.00 for Weed Science Endowment Fund; $700.00 for Ornamentals Plant Pathology Fund; $700.00 for Turf Disease Fund; and $600.00 for Nursery Research Fund.

$ 5,250.00  Shell Development Company, Houston, Texas, for Agronomy Weed Research Fund.

$ 5,000.00  Hannon Company, Canton, Ohio, for Equine Embryo Research Fund.

$ 5,000.00  Mid Ohio Chemical Company, Inc., Washington Court House, Ohio--$4,500.00 for Professorship in Plant Protection and $500.00 for Student Athlete Grant-in-Aid Fund.

$ 5,000.00  Owens Corning Fiberglas Corporation, Newark, Ohio, for Owens Corning Fund.

$ 5,000.00  Pfizer, Inc., Lees Summit, Missouri, for Pfizer Research Fund.

$ 5,000.00  W. J. and P. J. Richards Trust, Portsmouth, Ohio, for Neuroscience Research Lab.

$ 5,000.00  Sensotec, Inc., Columbus, Ohio, for Cullman Symposium Fund.

Gifts-in-Kind

$ 8,160.00  Ted Cook, Columbus, Ohio, Computer.

$ 7,656.00  E. Jossem, Columbus, Ohio, Journals, Texts, and Monographs.
Establishment of Named Fund

The W. Arthur Cullman Business Policy Support Fund

The W. Arthur Cullman Business Policy Support Fund was established July 9, 1982, 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 W. Arthur Cullman.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 recommended by the appropriate faculty chairperson and as approved by the Dean of the College of Administrative Science to improve the various programs in policy and marketing.

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 marketing education.

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PLANS AND SPECIFICATIONS

Resolution No. 83-10

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:

LABORATORY ANIMAL CENTER - BUILDINGS 2 AND 3
MODIFY AIR CONDITIONING SYSTEMS

Project: Replace present gas-fired absorption chillers with more energy efficient systems. Present chillers are high energy users, have high maintenance, and most repair parts are no longer available.

Funding: Local, Contract Repair, 1982-83

Estimated Project Cost: $100,000
PLANS AND SPECIFICATIONS (contd)
LABORATORY ANIMAL CENTER - BUILDINGS 2 AND 3
MODIFY AIR CONDITIONING SYSTEMS (contd)

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. 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. 83-11

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:

JESSE OWENS MEMORIAL ALL-WEATHER TRACK

Description: Provide a 400-meter track and all required ancillary facilities within and adjacent to Ohio Stadium to meet all facility requirements, as established by the International Amateur Athletic Federation (IAAF), for world-class track and field events.

General Contract

Date Received: June 4, 1982

No. of Bids: 3
July 9, 1982 meeting, Board of Trustees

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

JESSE OWENS MEMORIAL ALL-WEATHER TRACK (contd)

General Contract (contd)

- Low Bid: $704,100.19*
- High Bid: $858,807.50*
- Estimate of Cost: $1,003,006.20
- Awarded to: Rekortan Sports Corporation, Seattle, Washington

Electrical Contract

- Date Received: May 21, 1982
- No. of Bids: 3
- Low Bid: $17,914.00
- High Bid: $23,245.00
- Estimate of Cost: $20,000.00
- Awarded to: Jess Howard Electric, Columbus, Ohio

Total All Contracts: $722,014.19
Total Contingency Allowance: $63,514.03 which is 8 per cent of construction contracts
Total Project Cost: $876,775.91
Funding: Amended Substitute House Bill 552 and Local University Funds

GAS LINE PROTECTION

Description: Installation of protection on University gas distribution lines to reduce the rate of deterioration and extend the life of the system.

Mechanical Contract

- Date Received: May 27, 1982
- No. of Bids: 4
- Low Bid: $112,250.00*
- High Bid: $139,900.00*
- Estimate of Cost: $197,000.00*
- Awarded to: Edmonds Mechanical Contractors, Inc., Columbus, Ohio

*Recommended alternates reflected in these figures.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

GAS LINE PROTECTION (contd)

Total Contract: $112,250.00
Total Contingency Allowance: $17,260.32 which is 15 per cent of construction contract
Total Project Cost: $132,329.00
Funding: Amended Substitute House Bill 552 (Utilities and Renovation)

LINCOLN TOWER - INSTALLATION OF TELEPHONE DUCTS

Description: Installation of telephone duct work from the manhole at the southeast corner of Drake Union on Cannon Drive to Room 128 of Lincoln Tower. The duct system is to be used in conjunction with the expansion of the University's telephone system.

Electrical Contract

Date Received: June 9, 1982
No. of Bids: 5
Low Bid: $23,200.00
High Bid: $28,435.00
Estimate of Cost: $32,000.00
Awarded to: Electric Power Equipment Company, Columbus, Ohio

Total Contract: $23,200.00
Total Contingency Allowance: $1,856.96 which is 8 per cent of construction contract
Total Project Cost: $29,713.00
Funding: Local University Funds, Account 885171

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. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
PURCHASE OF PROPERTY
992.67 ACRES IN MADISON COUNTY, OHIO
Resolution No. 83-12

Synopsis: Authorization to purchase 992.67 acres in Madison County, Ohio, and to designate it as the Molly Caren Agricultural Center.

WHEREAS the University has been presented with an opportunity to acquire 992.67 acres of farmland known as the Upper Gwynne South Farm located along the north side of U. S. Route 40 in Madison County approximately three miles north of the City of London; and

WHEREAS this property has an appraised value of $2,200,000.00 and the owner, Mrs. John M. Caren, has offered to make a substantial gift to the University by offering to sell the property to the University for $500,000.00; and

WHEREAS this farm is to be designated the Molly Caren Agricultural Center; and

WHEREAS the appropriate University offices have determined that the purchase of this property and acceptance of Mrs. Caren's gift is 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 take such action necessary to purchase the Upper Gwynne South Farm at a price of $500,000.00 and upon such terms and conditions as they consider to be in the best interest of the University and to accept the gift of Mrs. Caren on behalf of the Board of Trustees.

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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WAIVER OF GROUP LIFE POLICY REQUIREMENT FOR HAROLD L. ENARSON
Resolution No. 83-13

Synopsis: The waiver of a policy requirement pertaining to Group Life Insurance for retired employees of The Ohio State University is proposed.

WHEREAS the Board of Trustees of The Ohio State University adopted on April 10, 1959, a resolution which states that employees who retire after age 55 with at least ten years of service may continue their group life insurance to age 70, provided said employees are eligible to receive retirement benefits under any entitlements administered by the State of Ohio; and
July 9, 1982 meeting, Board of Trustees

WAIVER OF GROUP LIFE POLICY REQUIREMENT FOR HAROLD L. ENARSON (contd)

WHEREAS this Board wishes to ensure the continued coverage President Emeritus Harold L. Enarson has under the Group Life Insurance program:

NOW THEREFORE

BE IT RESOLVED, That the policy requirement which stipulates that “employees who retire after age 55 with ten years of service” is hereby waived in the case of President Emeritus Harold L. Enarson; and

BE IT FURTHER RESOLVED, That pursuant to this action, upon the remittance of the appropriate premiums, President Emeritus Harold L. Enarson may continue to be covered under the Group Life Insurance program on the same basis as all other eligible retired faculty and staff members as defined in the appropriate certificate of insurance.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EXPRESSION OF APPRECIATION TO PROVOST W. ANN REYNOLDS

Resolution No. 83-14

WHEREAS W. Ann Reynolds has served The Ohio State University with great skill and distinction as Provost during the past three years; and

WHEREAS Dr. Reynolds' commitment to academic excellence has been evidenced in every facet of her career at Ohio State; and

WHEREAS Dr. Reynolds has had a special interest in enhancing the retention levels and graduation rates of students enrolled at this University; and

WHEREAS under her leadership as Provost, Ohio State has originated a number of significant actions to ensure that the youth of Ohio have the academic preparation necessary for college-level work, and receive all necessary assistance in attaining requisite skill levels when deficiencies are found; and

WHEREAS the California State University system has recognized the outstanding qualities of Dr. Reynolds and has appointed her to the position of Chancellor of that system:

NOW THEREFORE

BE IT RESOLVED, That this Board and the University express to Dr. Reynolds their thanks and appreciation for three years of dedicated leadership and service to The Ohio State University, and wish Dr. Reynolds and her family the very best of fortunes in their new undertakings.

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

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EXPRESSION OF APPRECIATION TO PROFESSOR RICHARD D. GILSON
Resolution No. 83-15

WHEREAS Professor Richard D. Gilson has served as a member of the University Senate for two years; and

WHEREAS during those two years, Dr. Gilson has been a member of the Steering Committee of the University Senate, and served during the 1981-82 year as Chairman of that Committee; and

WHEREAS Professor Gilson’s leadership of the committee during a period of financial uncertainty and administrative transition and realignment has evidenced exceptional dedication, strength and ability; and

WHEREAS he is nearing the completion of his tenure as member and Chairman of the Steering Committee:

NOW THEREFORE

BE IT RESOLVED, That the University and this Board recognize Professor Richard D. Gilson for his fine service and applaud and thank him for his time, devotion and many accomplishments as Chairman of the Senate Steering Committee during 1981-82.

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

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EXPRESSION OF APPRECIATION TO JUDGE ROBERT M. DUNCAN
Resolution No. 83-16

WHEREAS upon creation in 1980 of the University Hospitals Board, Judge Robert M. Duncan was asked by the Board of Trustees to serve on the new board; and

WHEREAS Judge Duncan was elected Chairman of that board and served in that capacity during his two years of Hospitals Board membership; and

WHEREAS his leadership as Chairman of that board encompassed the initial organizational stages of the board, a period which is one of the most challenging and difficult for any organization; and

WHEREAS Judge Duncan’s brilliant leadership and working faith during these last two years epitomize the personal and professional qualities which have been recognized over time; and

WHEREAS Judge Duncan’s resolve, dedication and support of the University beyond his service on the Hospitals Board have been evidenced in innumerable ways over the years:
NOW THEREFORE

BE IT RESOLVED, That The Ohio State University and the Board of Trustees express to Judge Robert M. Duncan their deep gratitude in recognizing and saluting him for his two years of service as member and first Chairman of the University Hospitals Board; and

BE IT FURTHER RESOLVED, That the Trustees look forward to a continuing positive and productive association with Judge Duncan and hope to be able to find new ways to utilize his vast talents and energies toward the continued enhancement of the missions of The Ohio State University, and more specifically, the work of the University Hospitals.

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

Chairman Smith presented the following:

EXPRESSION OF APPRECIATION TO DR. HENRY G. CRAMBLETT

Resolution No. 83-17

WHEREAS Dr. Henry G. Cramblett has served The Ohio State University in a variety of capacities during his more than 18 years of service - as Professor of Pediatrics; Chairman and Professor, Medical Microbiology; Secretary of the Faculty, College of Medicine; Dean, College of Medicine; Acting Vice President for Medical Affairs; and Vice President for Health Sciences; and

WHEREAS Dr. Cramblett’s commitment and contributions to the medical profession, to academic excellence and to the enhancement of health care delivery systems have been evidenced by the sustained progress which has been made during his tenure at Ohio State; and

WHEREAS Dr. Cramblett’s leadership and dedicated efforts to round out the development of the physical dimensions of the health care complex have been recognized by peers and associates; and

WHEREAS his loyalty, dedication and enthusiastic support have contributed substantially to the accomplishment of the varied mission of the University:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University and this Board recognizes Dr. Henry G. Cramblett for his contributions and commend him for his efforts, good work and many splendid accomplishments; and
July 9, 1982 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO DR. HENRY G. CRAMBLETT (contd)

BE IT FURTHER RESOLVED, That this Board in approving the recommendation of the Dean of the College of Medicine and the President, that Dr. Henry G. Cramblett be appointed to the Pomerene Chair, adds its concurrence to the affirmation of the high esteem and regard which the University holds for Dr. Cramblett.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 83-18

RESOLVED, That the report on the University's Investment Portfolio, dated June 30, 1982, 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 3, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott   Warren J Smith
Secretary         Chairman
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APPENDIX I

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

September 2, 1982
Dr. John Peter Minton

Doctor John Peter Minton has earned four degrees from The Ohio State University: a bachelor of science in 1956, a doctor of medicine in 1960, a master of medical science in surgery in 1966, and a doctorate in microbiology in 1969. He was certified by the American Board of Surgery in 1969 and has been a licensed practicing physician in the state of Ohio since 1960. Throughout his career, Dr. Minton has been in the forefront of cancer research and treatment. He pioneered laser cancer research as early as 1963. As the American Cancer Society Professor of Clinical Oncology at Ohio State, he is an active and innovative cancer practitioner. His major areas of clinical investigation involve primary and secondary breast and colon cancers, metastatic liver cancer, and melanoma. He served as clinical associate at the National Cancer Institute and as Clinical Cancer Fellow at the American Cancer Society. The winner of the Mead Johnson Award for Graduate Training in Surgery, he is also the recipient of many other awards for teaching, research, and practice. Dr. Minton is a member of many honoraries and professional associations—including the American Medical Association, the Royal Society of Health, the Societe Internationale de Chirurgie, and the American College of Surgeons. An eminent teacher, an internationally recognized leader in his field, and a gifted speaker, he has distinguished himself and this University through his life and work, and his record of achievement cannot be done justice in these brief remarks. The University takes special pride in having one of its most distinguished alumni address the graduates of this its 281st commencement.
Recipients of Honors

John Wilson Black
Doctor of Humane Letters

Dr. John Black's many contributions to the development of speech and hearing science have enriched his profession and have brought him national and international recognition as a scholar and a researcher. For over fifty years he has conducted research on the understanding of the speech process and on hearing disorders, as well as extensive studies of children's ethnic speech patterns. Dr. Black has been selected as an international consultant for his expertise on industrial noise and its effects, and he directed the Army Air Force Voice Communication Laboratory during World War II. The Presidential citation he received for this work is only one of many he has been given in recognition of his unique capabilities. A scholar and researcher for over fifty years, he has earned a reputation as a highly effective teacher, and many of his students have achieved national reputations as scholars, teachers, and administrators. Dr. Black is a prolific author, having written seven books and published over 100 articles in professional journals. A Fulbright Scholar, he is also a fellow of the National Science Foundation and an honorary member of Phi Beta Kappa. The University is privileged to honor Dr. Black for his many contributions to speech and hearing science and to higher education.

Russell W. Peterson
Doctor of Humane Letters

Dr. Russell Peterson, the president of the National Audubon Society, is a nationally recognized scientist and environmentalist. A businessman, community leader, former state governor, and federal executive, he has a unique combination of skills that have brought him national recognition in both the public and the private sectors. After receiving his Ph.D. in chemistry from Harvard University in 1942, he began his business career with the Du Pont Company. He served for 26 years in research, development, production, and sales and then ran for and won the office of governor of Delaware. As governor, he was responsible for numerous innovations in the structure of that state's government. A committed environmentalist, Dr. Peterson served as chairman of the U.S. Council on Environmental Quality and was a board director of the U.S. Association for The Club of Rome and of the World Wildlife Fund. He founded New Directions, a citizen's group that lobbies on global issues. His numerous awards include the World Wildlife Fund Gold Medal, the American Academy of Achievement Golden Plate Award, and the National Wildlife Federation's Conservationist of the Year Award. Dr. Peterson reflects both the scope and direction of informed leadership that Ohio State seeks to inculcate in its student body. The University community takes great pride in bestowing upon Dr. Peterson its highest honor for his outstanding efforts at making our world a better place in which to live.
George Ledyard Stebbins
Doctor of Science

Professor G. L. Stebbins is one of the world's leading authorities on the evolution of plants. He has extensively researched the evolutionary processes in natural populations and the origin of species of plants native to California, as well as certain cereals and grasses of economic importance. His book, *Variation and Evolution in Plants*, published in 1950, demonstrated how genetics and chromosomal variation apply to plant evolution. This book has guided plant geneticists, evolutionists, and plant breeders throughout the world. He has written five other books and published numerous articles. Since joining the faculty of the University of California, Professor Stebbins has taught both graduate and undergraduate students and has recently developed courses that combine the study of biology and the liberal arts. In recognition of his excellent teaching skills, he was awarded a Distinguished Teaching Award by the University of California, Davis. Professor Stebbins' knowledge of plant evolution and the plant distribution and native habitats of California has enabled him to serve as an effective spokesman for the preservation of important natural areas in the state. A graduate of Harvard University, he was awarded a Guggenheim Fellowship in 1954 and again in 1960. Professor Stebbins is a member of many honoraries and learned societies, including the National Academy of Science, the American Academy of Arts and Sciences, and the American Philosophical Society. In bestowing this honor, the University seeks to recognize Professor Stebbins for his longstanding commitment to his community, to his profession, and to higher education in general.
The Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts
Heather J. Parr, Cuahoga Falls; B.A., M.A. (University of Akron); M.M. (University of Kentucky); Music; Dr. Marie Aich

Doctor of Philosophy
Paul David Adams, Buffalo, N.Y.; B.S., M.E.A. (State University of New York at Buffalo); Business Administration; Dr. Stephen A. Buer

Ruth Shapira Aharoni, Bexley; B.A., M.Ed. (University of Cincinnati); Education; Dr. Thomas M. Stephens

Carl William Albrecht, Jr., Greensville; A.B. (Miami University); M.S.; Entomology; Dr. Charles A. Triplehorn

Rasheer Saleh Al-Rashidi, Al-Sulibkhet, Kuwait; B.S. (Kuwait University); M.A. (Michigan State University); Education; Dr. Robert B. Sutton

Abdulaziz Salem Al-Lawis, Alhuluma, Saudi Arabia; B.S. (University of Riyadh); M.S. (University of Colorado); Electrical Engineering; Dr. Ralph T. Compton, Jr.

Marines Muraro Alves de Lima, Piracicaba, Sao Paulo, Brazil; M.S.; Plant Pathology; Dr. Richard M. Riedel

Adolphus Andrews, Daytona Beach, Fla.; B.A. (Howard University); M.A.E. (Southern Illinois University); Political Science; Dr. William E. Nelson, Jr.

Jerry Wayne Askew, Ahoskie, N.C.; B.A. (University of North Carolina); M.S. (Memphis State University); Education; Dr. Robert J. Silverman

Janice Marie Baker, Reynoldsburg; B.A., M.Ed. (Ohio University); M.A. (Central Michigan University); Education; Dr. James V. Wightli

Stephen Paul Balog, Columbus; B.S., M.A.; Education; Dr. James E. Sage

Sarah Susan Barron, Waterville, N.Y.; B.A. (Antioch College); M.A.; English; Dr. Mark S. Ashburn

Robert Edward Bartha, Columbus; B.A., M.A.; Education; Dr. Herman J. Peters

William Choice Beam, Orrville; B.A. (The College of Wooster); M.A.; Physical Education; Dr. Robert L. Bartels

David Wade Beamer, Malta; B.S.Ed. (Ohio University); M.A. (Michigan State University); Physical Education; Dr. Charles L. Mauld

William Joseph Benjamin, Jr., Findlay; B.S., M.S.; Physiological Optics; Dr. Richard M. Hill

Merilu Mills Berkovich, Columbus; B.A. (University of Texas at Arlington); M.A. (University of Illinois); Education; Dr. Donald R. Bateman

Virginia Wise Black, Tiffin; B.S., M.A.; Education; Dr. Donald J. Tosi

Stanford Sage Bonan, New York, N.Y.; B.A. (Queens College City University of New York); M.S.; Mathematics; Dr. Paul Nevel

Beverly Anne Briggs, Mansfield; B.A. (University of Illinois); Home Economics; Dr. Jean D. Dickerseed

Eleanor Bartholomew Brubaker, Oxford; B.S. (Bethel College); M.A. (Central Missouri State College); M.S.W. (University of Iowa); Social Work; Dr. Thomas M. Meanshagen

Victor Manuel Buján Delgado, San José, Costa Rica; Licenciado En Ciencias De La Educacion (Universidad de Costa Rica); M.A.; Education; Dr. Larry L. Stull

Eugenia Elaine Calle, Oak Ridge, Tenn.; B.S., M.S.; Preventive Medicine; Dr. Richard R. Lanne

Neal lamin Carothers, Toledo; B.S. (University of Toledo); M.S.; Mathematics; Dr. William S. Johnson

Benjamin Dickerson Caton, Newport, Tenn.; B.S.M.E. (Tennessee State University); M.A.; Music; Dr. Jerry E. Launder

D. Joy Cavanaugh, Columbus; B.S. (Youngstown State University); M.Ed. (Kent State University); Physical Education; Dr. Edward L. Foz

Shih-Chin Chang, Taipei, Taiwan, RO.C.; B.S., M.S. (National Tsing Hua University); Metallurgical Engineering; Dr. John P. Hirth

Barbara Ann Chatton, Columbus; B.A. (University of California at Santa Cruz); M.L.S. (University of California at Los Angeles); Education; Dr. Charlotte S. Huckle

Song-Hsing Terry Chen, Columbus; B.S. (National Taiwan University); M.S. (National Tsing Hua University); Chemical Engineering; Dr. Liang-Shih Fan

Angela S. Chesser, Columbus; B.S. Nursing (Duke University); M.S.; Education; Dr. Joseph J. Quarranta, Jr.

Philip Norwin Childress, Wagoner, Okla.; B.S. (University of Oklahoma); M.S. (Kansas State College of Pittsburg); Education; Dr. Arthur L. White

Miles M. Coburn, Cleveland; B.S. (University of Notre Dame); M.S. (John Carroll University); Zoology; Dr. Ted M. Cuckow

Lynn Ann Corbin, Dayton; B.M. (Otterbein College); M.A.; Music; Dr. James E. Major

Patrick James Costello, Davenport, Ia.; B.S. (Harvey Mudd College); M.S.; Mathematics; Dr. John S. Hsia

Robert Michael Coughlin, Euclid; B.A. (University of Notre Dame); M.Ed. (University of Cincinnati); Education; Dr. Donald R. Bateman

Charles Hill Courtney, Westerville; B.S. (Clemson University); M.S. (University of Florida); D.V.M. (Auburn University); Veterinary Pathobiology; Dr. Rupert P. Herd

David Charles Cox, Milwaukee, Ore.; B.S., M.S. (Oregon State University); Education; Dr. Robert W. Newcomb

Stephen Glen Cunningham, Manhattan, Kans., B.S., M.A. (Indiana State University); Education; Dr. James J. Buffet, Jr.

Robert Edward Daniels, Toledo; B.S.Ed. (Bowling Green State University); M.A. (Ball State University); Education; Dr. James J. Buffet, Jr.

Ann Geller Danziger, Columbus; B.S.Ed. (University of Vermont); M.A.; Physical Education; Dr. Donald K. Mathews

James Albert Davis, Ogden, Utah; B.S. Mech. Eng. (University of Utah); M.S. Mech. Eng. (University of Massachusetts); Aeronautical and Astronautical Engineering; Dr. Stuart L. Potre

Debanna Ann Diehn, Toledo; B.Ed. (University of Toledo); M.A. (University of South Florida); Comprehensive Vocational Education; Dr. Robert W. Newcomb

William Cullen Donovan, Columbus; B.S., M.S.; Agronomy; Dr. Terry J. Logan

Susan Galbraith Downhower, Upper Arlington; B.S. (University of Illinois); M.A. (University of Kansas); Education; Dr. Thomas M. Stephens

Nathan Harry Drum, Columbus; B.S. (Pennsylvania State University); M.S.; Entomology; Dr. Walter C. Rostenkohler

Clayton Arthur Dusek, Mount Gilead; B.S., M.Ed. (Wright State University); Education; Dr. Walter G. Hock

David Alan Edwards, Newark; B.A. (Wichita State University); M.Ed. (Bowling Green State University); Education; Dr. Aaron J. Miller

Ahmed Mohamed El-Laithy, Cairo, Egypt; B.S. (Cairo University); M.S. (University of Windsor); Civil Engineering; Dr. Kamran Mozjdzarz

Christine Frazier Epling, Huntington, W. Va.; B.S. (Rio Grande College); M.Ed. (Ohio University); Education; Dr. Donald R. Bateman

Wei-Chou Fang, Taipeh, Taiwan, RO.C.; B.S. (Chung Kung University); M.S.; Metallurgical Engineering; Dr. Robert A. Ropp

Bahram Pesehazian, Zagahir, Hamasien Eritrea; B.A. (Mount Vernon Nazarene College); M.A. Education; Dr. Donald J. Tosi
John David Henberger, East Canton; B.A. (University of Alabama); Education; Dr. Robert L. Bartels

Jo Ann Freiberg, Palo Alto, Calif.; A.B. (University of California at Berkeley); M.A. (University of Pennsylvania); Education; Dr. Richard N. Pratte

Janet Ann Gabler, Macomb, Ill.; B.A. (Christian College); M.A.Ed. (Barry University); Education; Dr. Joseph J. Quaranta, Jr.

William Thomas Gavin, Rocky River; B.A. (Xavier University); Economics; Dr. William G. Donald

James Edward Gehart, Rocky River; B.A. (Westminster College); M.Div. (United Theological Seminary); Education; Dr. Joseph J. Quaranta, Jr.

John Durow Heidke, Columbus; B.S., M.S. (University of Wisconsin); Education; Dr. Peter J. Blalock

James Edward Gebhart, Rocky River; B.S. (University of Dayton); Economics; Dr. Donald L. Alcock

Maria Garcia-Roupail, Miami, Fla.; B.A. (Florida State University); English; Dr. Walter A. Davis

Richard Joseph Heaslip, Verona, N. J.; B.A. (University of Delaware); B.S.; M.E. (University of West Florida); Business Administration; Dr. Orlando C. Behling

Jane Ellen Hange, Akron; B.A. (University of Nebraska); Psychology; Dr. Allan K. Wildman

Charles Allen Honeycutt, Charlotte, N. C.; B.A. (University of North Carolina at Charlotte); M.A.T. (Appalachian State University); Education; Dr. Edward D. Allen

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Kevin H. Hame, Columbus; B.A. (Wheaton College); English; Dr. Ted L. Allen

Jiri Hochman, Columbus; Diplomovany Filosof (Prague School of Political and Social Sciences); History; Dr. Alan K. Wildman

Charles Hoh, Columbus; B.A. (Ohio Northern University); Psychological Chemistry; Dr. Gerald P. Brereton

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Charles Edwin Gerlach, Columbus; B.A. (Capital University); B.D. (Evangelical Lutheran Theological Seminary); M.A.; Education; Dr. Joseph J. Quaranta, Jr.

Gianfranco Gerosa, Barranquilla, Colombia; B.S.E.E. (Georgia Institute of Technology); M.S. (Georgia Institute of Technology); Electrical Engineering; Dr. Martin G. Thorstoc

Phillip Eugene Gibbs, Ashland City, Tenn.; R.A. (David Lipscomb College); M.A. (Auburn University); Communication; Dr. Donald J. Cepeda

Marshall Ray Goodman, Skokie, Ill.; B.A. (DePaul University); M.A.; Political Science; Dr. Randall B. Ripley

Ayagyo Boateng Gyekeye, Juaben, Ashanti, Ghana; B.Sc. (University of Science and Technology); M.A. (Virginia State College); Agricultural Economics and Rural Sociology; Dr. Leroy J. Husbaker

Marion Eugene Hall, Yorktown, Ind.; B.A. (University of California at Santa Barbara); M.A. (Ball State University); Education; Dr. James E. Stege

Jane Ellen Hange, Akron; B.A. (Kent State University); M.A.Ed. (University of Akron); Education; Dr. Kevin A. Ryan

Donald William Harman, Columbus; M.A.; Education; Dr. Charles W. Galloway

Robert Lee Hawkins, Girard; B.S.; Physics; Dr. John H. Shaw

Richard Joseph Heaslip, Verona, N. J.; B.A. (University of Pennsylvania); Pharmacy; Dr. Ralf G. Rothman

John Durow Heidke, Columbus; B.S., M.S. (University of Wisconsin); Education; Dr. Robert J. Silverman and Dr. Robert E. Rodgers

John David Henberger, East Canton; B.S.; Physics; Dr. James T. Tongh

Jiri Hochman, Columbus; Diplomovany Filosof (Prague School of Political and Social Sciences); History; Dr. Allan K. Wildman

Charles Hoh, Columbus; B.A. (Ohio Northern University); Psychological Chemistry; Dr. Gerald P. Brereton

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Billie June Hooker, Port Gibson, Miss.; B.A. (Albany State College); M.S.L.S. (Atlanta University); Education; Dr. William Moore, Jr.

Sidney Stuart Horowitz, New Haven, Conn.; B.S., M.A. (California Institute of Technology); M.S. (University of California at Berkeley); M.S. (Hunter College); Psychology; Dr. Andrew F. Schubel

Charles Frederick Houlberg, Columbus; B.S. (Southern Illinois University); M.S. (City University of New York Brooklyn College); Communication; Dr. John W. Dismuck and Dr. Donald J. Cepeda

Chung Chih Hsiao, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; Electrical Engineering; Dr. Leon Peters, Jr.

Harriet Elizabeth Hudson, Columbus; A.B. (Queens College); M.A.; English; Dr. Christian K. Zacher

Henry Ka-Wah Hui, Hong Kong; A.B. (University of California at Berkeley); M.A.; Chemistry; Dr. Harold Schechter

Ajiubola Olutoyin Ibidunni, Lagos, Nigeria; B.Sc., M.Sc. (National Taiwan University); M.S.; Electrical Engineering; Dr. Leon Peters, Jr.

Jeffrey Michael Jackson, Mountain View, Calif.; B.A. (University of California at San Diego); M.A.; Psychology; Dr. Bibb Latane

Charles William Jarrett, Ill., Hurricane, W. Va.; B.A. Sociology, M.A. Sociology (Marshall University); Agricultural Economics and Rural Sociology; Dr. Ted L. Napier

Julie Ann Johnson, Omaha, Neb.; B.A., M.A. (University of Nebraska); Classics; Dr. Jane M. Snyder

Rebecca Gross Johnson, Columbus; B.Music (Capital University); M.A.; Music; Dr. Jerry E. Lowder

Sandra Lee Johnson, Hastings, Neb.; A.B. (Nebraska Wesleyan University); M.S. (Clemson University); Mathematics; Dr. Henry W. Glover

David Cornett Jones, Youngstown; A.B. (Heidelberg College); M.A.; Education; Dr. Thomas R. White

Marianne Shaw Jurkowitz, Logan; B.A. (Northwestern University); Physiological Chemistry; Dr. Gerald P. Brereton

Nancy Jean Kaduce, Columbus; B.S., M.A.; Education; Dr. Desmond L. Cook

Moo-Sub Kang, Eumyoung-kyu, Seoul, Korea; B.S. (Korea University); Education; Dr. Donald G. Luc

Alice Dee Kanonhoff, Allison Park, Pa.; B.S., M.S.; Education; Dr. Robert L. Bartels

John William Kelly, Jr., Easley, S.C.; B.S. (Clemson University); M.S.; Horticulture; Dr. George L. Staby

Barbara Irene Kieser, Westerville; M.Ed. (Westminster College); Education; Dr. Charlotte S. Huck

Mie-Young Kim, Korea; B.Sc., Ms. (Seoul National University); Pharmacy; Dr. Popat N. Patali

Janet Elaine Kodras, Philadelphia, Pa.; B.A., M.A. (University of Georgia); Geography; Dr. Lawrence A. Brown

Peter Stephen Konjogi, Columbus; M.S.; Horticulture; Dr. Harry K. Tagami and Dr. George L. Staby

James Chun-Chin Kuo, Taichung, Taiwan, R.O.C.; B.S. (National Chung-Shing University); M.S. (Kansas State University); Animal Science; Dr. Herbert W. Ockerman

Steven Soon-Young Kwon, Seoul, Korea; B.Agriculture (Korea University); M.S. (University of California—Davis); Food Science and Nutrition; Dr. Paul M. T. Hansen

Nevin Kirby Laib, Lubbock, Tex.; A.B. (Whitman College); M.A. (Washington State University); English; Dr. Richard D. Atack

Robert Alan Lee, Barberton; B.A., M.A.; Education; Dr. Walter G. Hack

Dafna Lemish, Columbus; B.A. (Tel-Aviv University); M.A. (Hebrew University of Jerusalem); Communication; Dr. Thomas A. McCain

Russell Arthur Lewis, Columbus; B.A., M.A.; Home Economics; Dr. Barbara M. Newman

Michael Jay Lichtestein, Columbus; B.S., M.S.; Agricultural Engineering; Dr. Robert G. Holmes

Mark Roseman Little, Hickory, N. C.; B.S. (University of North Carolina at Chapel Hill); Biochemistry; Dr. George A. Barber

John McKenneth Luck, Holder, Australia; B.A. (Australian National University); M.S.; Geodetic Science and Surveying Dr. Ivan J. Quade

Paul Clement Luken, Criderville; B.A. (Quincy College); M.A.; Sociology; Dr. Angelo S. Alonso
Claudette Roseline Mainzer, Los Angeles, Calif.; A.B. (University of California at Los Angeles); M.A. (University of Southern California): History of Art; Dr. Mathew Herban, Ill

Kevin James Manning, Elizabethtown, Pa.; B.A. (Webster College); M.S. (Shippensburg State College); Education; Dr. William Moore, Jr.

Kevin Paul Martin, Aurora; B.S., M.S.; Physics; Dr. James T. Tough

John Stanley Mayausky, Columbus; B.S. (University of Pittsburgh); Chemistry; Dr. Richard L. McCreery

Mary Ann McConnell, Nelsonville; B.S.Ed., M.S.Ed. (Ohio University); Education; Dr. Charlotte S. Huck

Marie Therese Miglin, Columbus; B.S. (Northwestern University); M.S.; Metallurgical Engineering; Dr. John P. Hirth

David Eugene Miles, Columbus; B.S. (The Pennsylvania State University); Chemistry; Dr. Jack Hine

Satya Narayan Misra, Varanasi, Uttar Pradesh, India; B.Sc. (University of Gorakhpur); M.Sc. (Banaras Hindu University); M.A. (University of Massachusetts); M.S.; Statistics; Dr. Edward J. Dudewicz

John Mouratisid, Montreal, Canada; B.A. (Academy of Physical Education); B.A. (Pantos School of Political Science); M.Sc. (The Pennsylvania State University); Physical Education; Dr. Bruce L. Bennett

Paul Joseph Naur, Columbus; B.S., M.A.; Education; Dr. Marvin L. Langnis

Yulin Nie, Taipei, Taiwan, R.O.C.; B.S.; B.S. (University of Massachusetts); M.S. (Kansas State University); Home Economics; Dr. Fern E. Hunt

Steve Allen Nida, Milledgeville, Ga.; B.A. (King College); M.A. (Wake Forest University); Psychology; Dr. Bibb Latane

Barbara Kay Norrander, LaSuer, Minn.; B.A. (University of Minnesota); M.A. (University of Oregon); Political Science; Dr. Herbert B. Asher

David Michael Obansaky, Somerville, N.J.; B.S., M.S. (Villanova University); Pathology; Dr. Keith E. Richardson

Peter Ikechukwu Odor, Anara, Imo State, Nigeria; B.S.Ed. (University of Ife); M.A. (Stanford University); Education; Dr. Ayres D'Costa

Cherie Lynn Olsen, Toledo; B.S., M.S.; Zoology; Dr. Roy A. Taseva

Thomas Stewart Paulucci, Gowanda, N.Y.; B.A. (State University of New York at Buffalo); M.A.; Psychology; Dr. Gary G. Bernstein and Dr. Gerald A. Winer

Rittha Inkeri Peltonen, Hailuaniemi, Finland; M.Agric., Lauakur (University of Helsinki); Food Science; M.A.; Nutrition; Dr. Michael E. Mangino

Phillip Edward Peregrine, Granger, Ind.; B.S. (Ball State University); M.S. (Indiana University); M.A.; Education; Dr. Larry W. Stipe

Jon Joseph Persavich, Grand Rapids, Mich.; B.S. (Grand Valley State College); M.S.Ed. (University of Southern Maine); Comprehensive Vocational Education; Dr. J. Robert Warmbroad

Carole Eswine Peters, Amherst; B.A. (Wittenberg University); M.S. (Wright State University); Education; Dr. James V. Wigilt

Wai Hong Phoon, Kuala Lumpur, Malaysia; B.Eng. (Yokohama National University); M.Sc. (Imperial College of Science and Technology); Civil Engineering; Dr. Robert M. Sykes

Randal Harry Pierce, Maryville, Tenn.; B.S., M.A. (East Tennessee State University); Education; Dr. Donald G. Lax

Joseph J. Pignatelli, Jr., Natick, Mass.; B.S. (University of Massachusetts); M.S.; Industrial and Systems Engineering; Dr. Clark A. Mount-Campbell

Robertia Louise Pohlan, Cincinnati; B.S.Ed., M.Ed. (University of Cincinnati); Physical Education; Dr. Robert L. Bartels

John Claude Potter, Columbus; B.S.; M.S. (Georgia Institute of Technology); Civil Engineering; Dr. Tien H. Wu

Pamela Pritchard, Columbus; B.S., M.A. (Atlanta University); Education; Dr. Robert B. Sutton

David Wesley Rainey, Columbus; B.A. (Ohio University); M.A. (University of Denver); Education; Dr. James V. Wight

Karen Rogers Recklies, Columbus; B.A., M.A. (Kent State University); Theatre; Dr. Alan L. Woods

Thomas Leonard Reynolds, Winters, Calif.; B.A., M.A. (California State University at Chico); Botany; Dr. Valenqnapot Raghavan

Samuel Clifton Ricketts, Mt. Juliet, Tenn.; B.S.Ag., M.S. (University of Tennessee); Agricultural Education; Dr. Lawrence H. Newcomb

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Loes Lea Pendley, Owensboro, Ky.; B.A. (Kentucky Wesleyan College); Art Education
Sonja Magdalena Peter, Koesching, West Germany; Diplom (Fachhochsule fur Gestaltung Schwabisch Gmunden); Industrial Design
James Tracy Peterfish, Columbus; B.S.; 
Physical Education

Laila Petrou, Redington Beach, Fla.; B.A. 
(Eckerd College); M.A. (Monterey Institute of International Studies); 
Education

Brenda Diane Phillips, Gallion; B.A. 
(Bluffton College); Sociology

Andrea Caria Phoenix, Freeport, N.Y.; B.S. 
(Hampton Institute); Education

Janice Marie Pietrunki, Vienna; B.S.Ed.; 
Education

Patricia Ann Pingal, Cleveland; B.S. 
(Bowling Green State University); 
Education

Jane Ellen Plank, Columbus; B.S.; 
Education

Shirley J. Romanhek Poirier, 
Reynoldsburg; B.S. (University of Wisconsin—Stevens Point); Education

Sheila Ann Porter, Hampton, Va.; B.A. 
(Norfolk State University); Education

Terry L. Post, Columbus; B.S.Ed.; 
Education

Philip Sidney Price, Troy; B.S.; Education

Leslie Anne Pruitt, Shaker Heights; B.S. 
(Indiana University); Physical Education

Denise Sue Randall, Toledo; B.A.; 
Communication

Lisa Lynn Randell, Chillicothe; B.A.; 
Sociology

Carol Marie Rantala, Dearborn, Mich.; 
B.S. (Bowling Green State University); Physical Education

Marc Eliot Rapport, New Philadelphia; B.A. 
(Kent State University); Journalism

Ruth Maureen Rauch, Cuyahoga Falls; B.A. 
(University of Akron); English

Jeffery A. Reed, Grove City; B.A.Jour.; 
Journalism

Rebecca Ann Reid, Newark; B.A. (Ohio 
Dominican College); Education

James Joseph Reindl, Wyandotte, Mich.; B.A. 
(Central Michigan University); Journalism

Sharon Lee Reiselt, Lexington; B.S.Ed.; 
Art Education

Patricia M. Rice, Canton; B.S.Ed. (Ohio 
Dominican College); Education

Berenece Jane Richard, Coshocton; B.S.Ed. 
(Otterbein College); M.A.; Education

Michael Brian Riffee, Salem; B.A. (The 
College of Wooster); Physical Education

Craig Alan Rimmerman, Cleveland; A.B. 
(Miami University); Political Science

LeeAnn Ritter, Cincinnati; B.S., M.A.; 
Education

Linda Aileen Robertson, Granville; B.S. 
(Miami University); Education

Karen Sue Robison, Martinsburg; B.S.Ed.; 
Education

Susan Ann Rockhold, Washington C. H.; B.S. 
(Miami University); Education

Paulette Denise Rodgers, Ringgold, Va.; B.S. 
(Virginia State University); Education

Carol Shade Rodrigues, Reynoldsburg; 
B.A.; Communication

Ronald Clifton Rogers, Baltimore, Md.; B.S. 
(University of Baltimore); M.B.A. 
(University of Southern California); Business Administration

James Allen Roehm, Westerville; B.A. 
(Otterbein College); Education

Theresa Ann Rudolph, Anniston, Ala.; B.S. 
(Alabama State University); Education

Danner Mahood Rugg, Columbus; B.S.; 
Physical Education

Jayne Ann Ryan, Columbus; B.A. (Capital 
University); Education

Judith Mack Salyer, Columbus; B.A. 
(Otterbein College); Education

Sharon A. Samples, Worthington; B.S. 
(Purdue University); Education

Carol Lee Saunders, Newark; B.S.Ed.; 
Education

Chizuko Sawada, Hiroshima, Japan; B.A. 
(Sophia University); Education

John Joseph Scarry, Connellsville, Pa.; B.A. 
(Emory University); Economics

Lynda Lew Simmons Schaffer, Columbus; 
B.S.Ed.; Education

Mary Jane Schlairet, Mount Vernon; B.A. 
(Ohio Northern University); Education

Kyle Marie Schmals, Columbus; A.B. 
(Miami University); Physical Education

Heather Anne Schmidt, Grove City; B.Mus.Ed.; Music

Lisa Ruth Schneider, Aurora; B.A. 
(Hiram College); English

Linda Lee Schrier, Cincinnati; A.B. 
(Indiana University); Journalism

Carol Anne Schwartz, Worthington; B.Mus.Ed.; Music

Linda Ann Schweitzer, Roselle, N. J.; B.A. 
(Wittenberg University); Education

Jane Mary Schweitner, Coldwater; B.S.Ed.; 
Communication

Craig Alan Seckel, Columbus; B.S., M.A.; 
Education

Roanoke Selvaggio, Bethlehem, Pa.; B.S. 
(University of Pittsburgh); Physical Education

David Selwood, Bodmin, Great Britain; B.A. 
(Portsmouth Polytechnic); Geography

Biswaup Sen, Calcatta, India; B.S. (Saint 
Xavier’s College); M.A. (Jawaharlal Nehru 
University); Journalism

Joyce Slater Sereny, Columbus; B.S. 
(Southern Connecticut State College); Education

Joseph Anthony Shivers, Salem; B.A. 
(Baldwin-Wallace College); Education

Michael Joseph Shihinskii, Columbus; B.A. 
(Butler University); Physical Education

Catherine Lamar Shoumaker, Athens; B.S.Ed. (Ohio University); Physical Education

Jo Short, Columbus; B.S.; Education

Carolyn Dalsey Showalter, Columbus; B.S.; 
Mathematics

Donna Lynn Silber, Mount Prospect, Ill.; B.S.; Physical Education

Sandra Lynne Sims, Darby, Pa.; B.S. 
(Chayney State College); M.A.; Education

Michael Drew Sisson, Columbus; B.S.Agr.; 
Romance Languages and Literatures

Gary Lee Stone, Chico, Ill.; B.A. 
(Ohio State University); Education

Jane McDaniel Smith, Lancaster; B.S.Nurs. 
Physicial Education (Health Education)

Lillian Delores Smith, Columbus; B.S. 
(Wayne State University); Education

Robert Michael Smith, Toledo; B.A. 
(University of Toledo); History

Steven Lynn Smith, Columbus; B.S.A.F.; 
Industrial Design

Margaret Cranley Snyder, Columbus; B.A. 
(State University of New York at Plattsburgh); Communication

Mary Katherine Snider, Lancaster; B.S. 
(Ohio University); Education

Mary Martha Snyder, Lexington; B.S. 
(Wittenberg University); Education

Susan Linda Snyder, Bowling Green; B.S. 
(Bowling Green State University); Education

Andrea Michelle Solomon, Cincinnati; B.A. 
(University of Cincinnati); Linguistics

Elizabeth Anne Somer, Eugene, Oreg.; B.S. 
(Oregon State University); Physical Education (Health Education)

Judith Lense Sparks, St. Marys, Pa.; 
B.S.Ed.; Education

Gary Lee Speelman, Kingston; B.S. 
(Moorhead State University); Agridental Education

Karen Lynn Spooner, Columbus; B.A. (Ohio 
Dominican College); Education

Stephen Roger Stahley, Whitehall; B.A. 
(Capital University); Physical Education

Suzanne Crawford Starkey, Columbus; 
B.S.Ed.; Education

Ionna Felimy Stas, Columbus; B.S. (Kent 
State University); Education

Sandra Louise Stephens, North Olmstead; 
B.S. (Miami University); Education

Mark B. Stevens, Columbus; B.S. (Kent 
State University); Education

Peggy Ann Stevens, Avon; B.S. (Bowling 
Green State University); Education
Teresa Rose Stojkov, Cleveland; B.A.; Romance Languages and Literatures

Debra Jean Strope, Howard; B.S. (Mount Vernon Nazarene College); Education

Laurie Faye Stull, Covina, Calif.; B.A., B.A. (California State University, Chico); Education

Marisa Angela Surace, Columbus; B.S.Ed.; Education

Judy Hopkins Sweekey, Westerville; B.Mus.Ed.; Music

Thomas Lester Sweigard, Columbus; B.S. (Bowling Green State University); Education

LuAnn Swoyer, Pickerington; B.S.Ed.; Education

Wilhelmina Alida Szabo, Columbus; B.A. (Ohio Dominican College); Education

Julie Lynne Taylor, Columbus; B.Music (Miami University); Education

Marybeth Thomas, New Kensington, Pa.; B.S. (Edinboro State College); Education

Patricia Ann Thompson, Pataksala; B.A. (Muskingum College); Education

David Allen Towers, Columbus; B.A. (University of Massachusetts); Education

Sue Mosley Trakas, Reynoldsburg; B.S.Ed. (Ohio University); Education

Richard Edward Travis, Columbus; B.S.Ed.; Education

Cynthia Faye Traylor, Montgomery, Ala.; B.S. (Alabama State University); Education

Linda Hall Trevillian, Lima; B.S., M.A.; Education

John Keith Trohoske, Howard; B.A. (Cannon College); Journalism

Constance Lynn Trytek, Grove City; B.S.Ed.; Education

Diana Evans Vace, Cuyahoga Falls; B.A.; B.S. (Theatre)

Marie VanDevere, Columbus; B.A. (State University of New York at Fredonia); Education

Pamela Gehl VanHorn, Columbus; B.S.Ed.; Education

Keith Duane Veale, Owosso, Mich.; B.A. (John Wesley College); Physical Education

Connie DiAnne Vele, Westerville; B.S.; Education

Susan Ann Vocios, Brookfield, Conn.; B.S. (Western Connecticut State College); Education

Jennifer Jane Vorais, Plymouth, Ind.; B.S. (Saint Joseph's College); Physical Education

Frank J. Vulpis, New York, N.Y.; B.Music (State University College at Potsdam); Music

James H. Wagner, Jr., Farmington, Conn.; B.G.S. (University of Kansas); Photography and Cinema

Susan Patricia Walden, Dunkirk; Physical Education

Mindy Marie Walker, Lynchburg; B.A.; Political Science

Li-Ling Lillian Wang, Taipei, R.O.C.; B.Ed. (National Taiwan Normal University); Education

Sandra Croce Warner, Columbus; B.F.A.; Photography and Cinema

Kathleen M. Warrick, Celina; B.A., M.Ed. (Kent State University); Journalism

Pamela Dianne Warrick, Newark; B.A.; Education

Cheryl Ann Washington, Lexington; B.S. (Miami University); Education

Keith I. Wasserman, Bridgeton, N.J.; B.A. (Rutgers University); Journalism

Gale Ann Watson, Bridgewater; A.B. (West Liberty State College); Mathematics

Gary N. Watson, London; B.A. (MacMurray College); Education

William Van Watson, Akron; B.A., B.A. (Kent State University); Theatre

Kimberle Lynnette Waugh, Crown City; B.M. (Capital University); Music

Nancy Dean Webb, New Orleans, La.; (Emory University); Education

Lynn Murphy Wechter, Shelby; B.S.Ed.; Education

Marilyn Brown Weiler, Mount Gilead; B.S. (Otterbein College); Education

Virginia Beamer Weinhold, Worthington; B.A. (Cornell University); B.S.; Industrial Design

Carol Ann Welk, Galloway; B.M.E. (University of Cincinnati); Music

Judith Karen Wendt, Columbus; B.S.; Education

Gregory Mel Wieland, Columbus; B.S.; Education

Carol Ann Williams, Columbus; Education

Helen McKay Williams, Columbus; B.S.Ed.; Education

Robert Donald Williams, Columbus; B.S.Bus.Adm.; Physical Education

Charles Christian Willmore, Westerville; B.S.Ed.; Education

Deborah Jeanne Wilson, Columbus; B.S.Ed.; Education

Darla Joy Winchei, Reynoldsburg; (Marion College); Education

Marcia Jo Woodfill, Columbus; B.S.; (Bowling Green State University); Communication

Sandra Dee Woods, New York, N.Y.; B.A. (Elizabeth City State University); Sociology

Betty Hik-Ming Yang, Taipei, R.O.C.; B.A. (Soochow University); Journalism

Susan Tarrant Zimmermann, Columbus; B.A. (North Texas State University); Education

Crista Zivanovic, East Chicago, Ind.; B.A. (Northwestern University); Journalism

Jenny Jane Zorn, Sidney; B.A. (Flangser College); Geography

Master of Business Administration

Hirudayaraj Arockiaswamy, Tiruchi, India; B.S. (University of Madras); M.S.; Business Administration

Ponelole Carolina Bach, Columbus; B.A.; Business Administration

Susan Arlene Carpenter, Columbus; B.A. (Wesleyan University); Business Administration

John Philip Decho, Abington, Ill.; B.S.M.E., M.S.M.E. (University of Illinois); Business Administration

Elizabeth Anne Dworkar, Springfield, Mo.; B.S. (University of Missouri); Business Administration

Sandra Werth Harbrec, Columbus; B.S. (Kent State University); M.A.; Business Administration

Joann P. Harvey, Warren; B.S. (Miami University); Business Administration

John D. Lautermilch, Columbus; B.A. (Virginia Polytechnic Institute and State University); Business Administration

Rick L. Masby, Columbus; B.A. (Wittenberg University); Business Administration

Thomas Kennedy MacMackin, Cincinnati; B.A. (MacMurray College); J.D. (University of Cincinnati); Business Administration

Robert Ernest Medley, Troy; B.S. (Wright State University); Business Administration

Carol Regina Miller, Newark; B.S.; Business Administration

Tae Kyung Moon, Newark, Del.; (University of Delaware); M.A.; Business Administration

Christine A. Murmane, Columbus; B.S.Bus.Adm.; Business Administration

Michael Joseph Peach, Rochester, Minn.; B.A. (University of Minnesota); M.S.; Business Administration

Earle Richardson, Salt Lake City, Utah; B.S.Bus.Adm.; Business Administration

Joseph Richard Rosenbaum, Westerville; B.S., J.D.; Business Administration

Charles Bruce Rusieka, Gahanna; B.S.Ed.; Business Administration

Mary Brown Wolverton, Shaker Heights; B.A. (Case Western Reserve University); Business Administration

Master of City and Regional Planning

Matthew Walter Granger, Bedford; B.A. (University of Dayton); City and Regional Planning
Master of Fine Arts

Randall Carl Bolton, Irving, Tex.; B.F.A. (North Texas State University); Art
Sharon Sue Campbell, Dayton; B.F.A. (Wright State University); Theatre
James Robert Charter, Jerseyville, Canada; B.A. (University of Guelph); Art
Robin Elaine Cook, Chillicothe; B.F.A.; Art
Nancy S. Elkins, Beverly, Mass.; B.F.A. (University of Massachusetts); Art
Shirley Ann Gromen, Sault, Mich.; B.F.A. (Maryland Institute of Art); Art
Annie Myung-Ja Kwon, Seoul, Korea; B.A. (California State University-Sacramento); Art
Michael Neal Noland, Lawton, Okla.; B.A. (Cameron University); Art
Arthur Howard Orr, Louisville, Ky.; B.F.A. (Louisville School of Art); Art
Jennifer Ranz, Minneapolis, Minn.; B.A. (University of Massachusetts); Art
Brian Scott Reverman, Columbus; B.F.A. (University of Dayton); Art
Michael L. Scheiner, Philadelphia, Pa.; B.S. (Rhode Island School of Design); Art
David Jeffrey Spicher, Highland, Ind.; B.F.A. (John Herron School of Art); Art
Silvia Patrice Stewart, Lubbock, Tex.; B.A. (Texas Technological University); Art
William Strzempek, Springfield, Mass.; B.A. (Northeastern University); Theatre

Master of Health Administration

Mary Kay Pullenkamp, Cincinnati; B.S.; Allied Medical Professions
Alan Morris Mendeloff, Charleston, W. Va.; B.A. (Miami University); Allied Medical Professions
Mark Allen Pemberton, Dayton; B.S. (Wright State University); Allied Medical Professions

Peter Michael Steiner, Dayton; B.S. (University of Notre Dame); Allied Medical Professions
Christopher R. Veenis, Pittsburgh, Pa.; B.A. (University of Florida); Allied Medical Professions

Master of Labor and Human Resources

Cynthia Sue Burnell, Louisville; B.A. (University of Akron); Labor and Human Resources
Joseph Michael Clement, Troy, N. Y.; B.A. (Angusta College); Labor and Human Resources
Mary Katherine DeJohn, Warren; B.A. (Bowling Green State University); Labor and Human Resources
Enid J. LaGesse, Cleveland; B.S.B.A. (Roesevelt University); Labor and Human Resources
Byungnam Lee, Seoul, South Korea; B.A. (Sogang University); Labor and Human Resources
Daniel Brian McColgan, Saginaw, Mich.; B.A. (Michigan State University); Labor and Human Resources
Michael Donald Magchen, Cincinnati; B.S.B.A. (Xavier University); Labor and Human Resources
Thomas G. Oxley, Findlay; B.A. (Miami University); Labor and Human Resources
Barbara Jean Pierce, Glastonbury, Conn.; B.A. (University of Hartford); Labor and Human Resources
Susan Rita Studd, Dublin; B.A. (Clark University); Labor and Human Resources

Master of Music

Philip Lee Burson, Bluffton; B.M.E. (Wittenberg University); Music
Glen Roger Davis, Marion, N. C.; B.M. (Berklee College of Music); Music
Mark Snyder DeTurk, Goshen, N. Y.; B.M. (University of Wisconsin-Madison); Music
Kirk William Lawson, Rock Island, Ill.; B.M. (DePauw University); Music
Gordon Ray Nicely, Reynoldsburg; B.Mus., B.Mus. Ed.; Music
Timothy Karen Strelau, Olmsted Falls; B.S.E. (Baldwin-Wallace Conservatory); Music

Master of Public Administration

Bradford Simeon Hopkins, Cincinnati; B.A. (Otterbein College); Public Administration

Master of Science

Khadija Abbas Abdel-Atti, Khartoum, Sudan; B.V.Sc. (Khartoum University); Poultry Science
Patricia Lee Achor, Walling, Mass.; B.A. (Keuka College); Zoology
Thomas Lawrence Adams, Columbus; B.S.I.S.E.; Industrial and Systems Engineering
Teli E. Adelman, Park Forest, Ill.; B.S.; Microbiology
Yousif Nasser Aldrybni, Riyadh, Saudi Arabia; B.S. (Riyadh University); Entomology
Donald Wilson Archer, Cleveland; B.S.; Agricultural Education
Brent Allen Archinal, Dover; B.S.; Geodetic Science
Robert Sears Arnot, Livemore, Calif.; B.S.Eng.Tech. (California Polytechnic State University); Weiding Engineering
Amos Lavi Bahiri, Netanya, Israel; B.Sc. (Tel-Aviv University); Mathematics
Deborah Louise Bainer, Columbus; B.S. (Geneva College); Natural Resources
Mary Helen Baker, Zanesville; B.S.N. (Capital University); Nursing
Ralph P. Becker, Portland, Ore.; B.S. (University of Oregon); Geology and Mineralogy
Rosella I. Beebe, Marietta; B.S.Nurs.; Nursing
Bruce Michael Bernhoft, Shreveport, La.; B.S. (Louisiana State University); Agricultural Economics and Rural Sociology
Robert Thomas Biedron, South Plainfield, N. J.; B.S.A.A.E.; Aeronautical and Astronautical Engineering
Leiss Rae Boley, Coldwater; B.S.Ag.; Agricultural Education
William Arthur Bow, Saginaw, Mich.; B.A. (Albion College); Geology and Mineralogy
Mark Allan Bowers, Salem, Va.; B.S. (Virginia Polytechnic Institute); Electrical Engineering
Mary Katherine Boyd, Columbus; B.S.H.E.; Home Economics
Roger Douglas Braun, Columbus; B.S.Pharmac.; Pharmacy
Andrew Breeze-Stringfellow, Tewkesbury, England; B.Sc.Hons. (Bristol University); Aeronautical and Astronautical Engineering
Mark Owen Bros, Cleveland; D.D.S.; Dentistry
Jodi Lynd Brown, Elyria; B.S.; Zoology
T. Frank Brown, Jr., Stockdale; B.S.M.E.; Mechanical Engineering
Richard B. Brucker, Amherst; B.S. Food Sci.; Food Science and Nutrition
David Bruce Buchanan, Wilmington; B.S. (Case Western Reserve University); Geology and Mineralogy
Pamela Ann Burdette, Georgetown, Ky.; B.S. (Kentucky State University); Home Economics
Jill C. Burrrington, Spokane, Wash.; B.S. (Seattle University); Allied Medical Professions
Richard Clayton Camp, Bakersfield, Calif.; B.S. D.V.M. (University of California at Davis); Veterinary Pathobiology
Charles Peter Carstensen, Toledo; B.S.; Physics
Sawaryn Chaiwanichari, Bangkok, Thailand; B.S. (Kasetaart University); Food Science and Nutrition
Chi Han Chen, Kowloon, Hong Kong; B.S.E.E.; Electrical Engineering
Tso-Chuan Chan, Taipei, R.O.C.; B.S. (National Cheng-Kung University); Mechanical Engineering
Meichi Chen, Taichung, R.O.C.; B.S. (National Taiwan Normal University); Mathematics
Hae-Kyung Cho, Jeonju, Korea; B.A. (Kyung-Hee University); B.S. (University of Seattle); Home Economics
Yon-Chun Chou, Tainan, R.O.C.; B.S. (National Tsing Hua University); Industrial and Systems Engineering
Yang-Hwa Chu, Taipei, R.O.C.; B.S. (Fu Jen University); Food Science and Nutrition
Fu-Sheng Chuang, Kaohsiung, R.O.C.; B.S. (National Taiwan University); Mechanical Engineering
Andrew Leigh Clarke, Melbourne, Australia; B.A.B.S. (Royal Melbourne Institute of Technology); Geodetic Science
Clayton Henry Coffey, Guysville; B.S.; Agrilultural Education
Donna Faye Crooks, Mount Sterling, Ky.; B.S. (Kentucky State University); Home Economics
Jaline Yap Cruz, Manila, Philippines; B.S.E.E.; M.Eng. (University of the Philippines); Geodetic Science
Karen Mary Cunningham, New York, N.Y.; B.A. (Mt. Holyoke College); Zoology
Winston R. De la Torre, Rio Piedras, P.R.; B.S. (University of Puerto Rico); Biochemistry
Teresa A. Diliz, Reynoldsburg; B.S.; Agricultural Economics and Rural Sociology
Laurie G. Doyle, Silver Spring, Md.; B.S. (University of Maryland); D.V.M.; Veterinary Preventive Medicine
James Michael Dunlea, Youngstown; B.A. (Northwestern University); Physics
Roger Raymond Dewonsczyk, Columbus; B.S. (Northeastern University); Biomedical Engineering
Elliott R. Heissman, Glenville, Pa.; B.S. (Delaware Valley College of Science and Agriculture); Animal Science
Richard Alan Emerson, Clayton, Del.; B.E.E. (University of Delaware); Electrical Engineering
Holly Braftern Ernst, Macedon, N.Y.; B.S. (Cornell University); Veterinary Physiology and Pharmacology
Douglas M. Farley, Avon Lake; B.S.M.E.; Mechanical Engineering
Hamid Fazran, Tehran, Iran; B.S. (Aryamehr University); Mechanical Engineering
Roland Fernandez, Bombay, India; B.S. (Bombay University); M.S., M.B.A. (Ohio University); Computer and Information Science
Jeffrey Allen Fickes, Cincinnati; B.S.M.E.; Mechanical Engineering
Linda Sue Freeman, Edgerton; B.S.; Animal Science
Gregory Allen Fuller, Conneaut; B.S.Met.E.; Metallurgical Engineering
Matthew Werner Gans, Roseford; B.S.E.E.; Electrical Engineering
Stacy Andrew Gartin, Hasty, Colo.; B.S. (Colorado State University); Agricultural Education
Richard Todd Gass, Columbus; B.S.Met.Engr. (Purdue University); Metallurgical Engineering
Alain Gauthier, Columbus; B.Sc. (Laval University); Physics
Jacob Azor Gayle, Jr., Lancaster, N.Y.; B.A. (Oberlin College); Preventive Medicine
Folarin Obadebo-Smith, Lagos, Nigeria; H.S.C., B.D.S. (University of Lagos); Dentistry
Gaby A. Ghossain, Zahle, Lebanon; B.S. (University of Southwestern Louisiana); Electrical Engineering
Ashok Kumar Goel, Kurukshetra, India; B.Sc.Physics (Kurukshetra University); M.Sc.; Computer and Information Science
Rebecca Lynn Gonzalez, Euclid; B.S.N.; Nursing
Bruce Harvey Gray, Columbus; B.A. (The College of Wooster); Biochemistry
Jeffrey Alan Greenberg, New York, N.Y.; B.A. (Grinnell College); Anatomy
Douglas Kent Greenwald, Rancho Cordova, Calif.; D.D.S.; Dentistry
Thomas Alan Greenham, Lima; B.S.M.E.; Mechanical Engineering
Frank Steven Gruber, Kettering; B.S. (Bowling Green State University); Industrial and Systems Engineering
Ignacio Guarda, Valdivia, Chile; B.A., D.V.M. (University of Chile); Veterinary Anatomy
Vicki Jane Hale, Columbus; B.S.N. (Ohio University); Nursing
Jane Ann Hergatt, Mansfield; B.S.; Home Economics
Diane Marie Hickam, Pittsburgh, Pa.; B.S.N. (Duke University); Nursing
Song-Tao Ho, Taipei, R.O.C.; B.Eng. (Fen-Chia College); Civil Engineering
Charles Luther Hofacre, Wooster; B.S.; Poultry Science
Shou-Shing Hsieh, Keelung, R.O.C.; B.S.M.E., M.S.M.E. (National University); M.S.M.E. (Drexel University); Nuclear Engineering
Yet-Chyun Alan Huang, Taipei, R.O.C.; B.S. (National Chiao Tung University); Civil Engineering
Diana M. Huff, Anderson, Ind.; B.S., B.A. (Purdue University); Nursing
Julianne Hunter, Kettering; B.S.; Preventive Medicine
Agnes Regina Johenning, Cleveland; B.S.Agr.; Dairy Science
Jeffrey Lee Johnson, Columbus; B.S.; Preventive Medicine
Stephen Michael Johnson, Seneca, Pa.; B.S. (Pennsylvania State University); Allied Medical Professions
Susan Elizabeth Johnson, Columbus; D.V.M. (Purdue University); Veterinary Clinical Sciences
Karl Henry Jepson, Worthington; B.S. (University of Washington); Entomology
Tai-ming Jou, Taipei, R.O.C.; B.S. (The National Taiwan College of Marine and Oceanic Technology); Mechanical Engineering
Jiang-Tsuen Ju, Chang-Hwa, R.O.C.; B.S.E.E. (National Chiao-Tung University); Electrical Engineering
Joseph David Kalen, Columbus; B.S. (State University of New York); Physics
Naomasa Kaneko, Yokohama, Japan; B.S. (Waseda University); Industrial and Systems Engineering
Varsha V. Kapadia, Pune, India; B.Sc. (Pune University); M.Sc. (Indian Institute of Technology, Bombay); Physics
Janet S. Kasler, Warren; B.A.; Preventive Medicine
Gail Leslie Kaye, Springfield, Pa.; B.S. (West Virginia Wesleyan College); Allied Medical Professions
Mark Alan Kleffner, Columbus; B.S.; Geology and Mineralogy
Dale Edward Kocevar, Painesville; B.S.C.E.; Civil Engineering
Chapin Ferré Koch, New York, N.Y.; B.S. (St. Lawrence University); Geology and Mineralogy
Katherine Sarlo, Bay Shore, N. Y.; B.S. (State University of New York at Stony Brook); Microbiology
Jack Howard Schlanser, Jr., Cincinnati; B.S. Food Sci.; Food Science and Nutrition
Pamela Gay Schweiker, Cincinnati; B.S.N. (Miami University); Nursing
Gamal Drahim Selim, Cairo, Egypt; B.Sc. (Military Technical College); Electrical Engineering
Asok Kumar Sen, Calcutta, India; B.Sc. (Calcutta University); M.Sc. (Jadavpur University); Physics
Timothy Lee Sheaf, Columbus; B.S.A.A.E.; Aeronautical and Astronautical Engineering
David Semmes Sherill, Cleonan, S. C.; B.S. (Clemson University); Physics
Shizuo Shindou, Kashiwazaki, Japan; B.Eng. (Tohoku University); Mechanical Engineering
Maxine Lorraine Shivaller, Kingsland, Ga.; B.S. (Fort Valley State College); Home Economics
Thomas Halli Sinka, Jr., Shaker Heights, B.S. (Tulane University); Preventive Medicine
Yusef Saleh Siraj-Ali, Makkah, Saudi Arabia; B.S. (Riyad University); Health Sciences
James P. Skon, Delaware; B.A. (Mount Vernon Nazarene College); Computer and Information Science
Carolyn Bishop Slack, Canal Winchester; B.A. (Boston University); Preventive Medicine
Herbert M. Smith, Cincinnati; B.A. (Capital University); B.S.Phr.; Pharmacy
Lisa Annette Smith, Yellow Springs; B.S.; Natural Resources
Theresa Marie Smith, Browns Mills, N. J.; B.S. (University of Delaware); Chemistry
Mary Ann Spanovich, Carmichaels, Pa.; B.S. (Indiana University of Pennsylvania); Home Economics
Wille Antonio Spencer, Martinsville, Va.; B.S. (University of Maryland—Eastern Shore); Civil Engineering
Jeffrey Rhinehold Stensel, Cleveland Heights; B.A. (Case Western Reserve University); Zoology
Richard Scot Stewart, Racine, Wis.; B.S. (University of Minnesota); Natural Resources
Mary Lynn Stockdale, Madison, Ind.; B.S. (Purdue University); Animal Science
Balasubramanian Kandaswamy Sundararaj, Pollachi, India; B.Tech. (Indian Institute of Technology); Metallurgical Engineering
Linda Iona Sutton, Chillicothe; B.S. (Ohio University); Allied Medical Professions
Zainab-abdin Abdul-Majid Tahboub, Hebron, Jordan; B.Mech.Eng. (University of Helwan); Industrial and Systems Engineering
Andrew Dennis Thompson, Jr., Columbus; B.A. (Ohio Wesleyan University); Zoology
Alan Eugene Tischer, Mount Gilead; B.S.A.A.E.; Aeronautical and Astronautical Engineering
Chi-Keng Tsai, Ching-Shui, R.O.C.; B.S. (National Chiao-Tung University); Electrical Engineering
Hwa-Min Tsay, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Chemistry
Terri Sue Turner, Dayton; B.S.; Nursing
Bruce David Uhle, Columbus; B.S. Nutrition; Food Science and Nutrition
Edwin Lynn Ut, Pittsburgh, Pa.; B.S.E.E.; Electrical Engineering
Salomon Vainer, Mexico City, Mexico; D.D.S. (Universidad Tecnológica de México); Dentistry
Samuel O. Valez-Delgado, Columbus; B.S. (University of Puerto Rico); M.S. (Kansas State University); Agricultural Economics and Rural Sociology
Victor Anthony Vinci, Canton; B.S. (Bowling Green State University); Microbiology
Naheed Wali, Hyderabad, India; B.Engr. (Bangalore University); Biomedical Engineering
Shu-jen Wang, Yung Ho, R.O.C.; B.S. (National Cheng Kung University); Computer and Information Science
Audrey G. Wanstreet, Columbus; B.S.; Allied Medical Professions
Linda Sue Wendeln, Columbus; B.S.; Agricultural Education
Vythilingam Wijekumar, Viyaparimoolai, Sri Lanka; B.Sc. (University of Peradeniya); Agriculture
Leslie S. Wiles, Columbus; B.S.N. (Duke University); Nursing
Chris Paul Williams, Fairlawn; B.A.; Biochemistry
Eva Marie Williamson, Marietta; Home Economics
Jane Marie Winslow, Columbus; B.A. (Denison University); Agricultural Economics and Rural Sociology
Karen Ann Winters, Columbus; B.S.; Veterinary Pathobiology
Hsin-Mei Wu, Taipei, R.O.C.; B.S. (National Cheng Kung University); Horticulture
Shan-Shan Yan, Yan-Ling, R.O.C.; B.S. (National Chung Shing University); Horticulture
Kenneth Michael Yocum, Steubenville; B.S. (Ohio University); Nuclear Engineering
Regina M. Young, Westerville; B.S. (Duke University); Biochemistry
Christine Ann Zerby, Pillow, Pa.; B.S.; Home Economics
Edward V. Zinni, Parma Heights; B.S.; Geology and Mineralogy
Kathleen Zopf-Herling, Columbus; B.S.N. (State University of New York at Pittsburgh); Nursing

Master of Social Work
Beverly Elin Ekholm, Chicago, Ill.; B.S. (Bowling Green State University); Social Work
Beverly Sue Fischvogt-Uetrich, Cincinnati; B.S.Soc.Wel.; Social Work
Donna Jean Hicho, Broadview Heights; B.S.Soc.Wel.; Social Work
Maurice Joseph Lambert, Jr., Windsor, Conn.; B.A. (Mariet College); Social Work
Eileen Lee, Cincinnati; B.A. (Louisiana State University); Social Work
Marilyn K. Shannon, Columbus; B.S.Soc.Wel.; Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Patrick D. Dugan
Vice Provost for the Arts and Sciences: Thomas A. Willke
The Colleges of the Arts and Sciences, a federation of five colleges, include: 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. Brockenb
Bachelor of Arts
Karen Jo Bates, Madison
Elizabeth Warner Clark, Columbus
Katherine D. Keenan, Columbus
Robert Lee Kerr, Jr., Columbus
Rhonda Jean Thompson, Marietta
Bachelor of Fine Arts
Mary L. Bonasera, Columbus
Clifton Bruce Chastain, Columbus
Kendall Ann Childs, Dayton
Colleen Linda Clark, Columbus
Diana Lynn Cowgill, Columbus
Stephen Paul Frazer, Columbus
Mark Allen Gagnon, Salem
Grace A. Gassen, Columbus
Rene Marcel Glendreff, Columbus
Barton Dale Hawkinnbery, Columbus
Shelly Marie Kirkham, Worthington
Tracey Ginger Laing, Granville
Lee Morrison Leighton, Columbus
Maristreea Baisa Mendoza, Columbus
Farnaz Naghshinsh, Tehran, Iran
Amy Pave Sloter, Columbus
Molly Joy Spies, Dover
Cynthia Kaye Straten, Lancaster
Patricia Sue Tynnik, Columbus
Laurel Grace Wanner, Plattsburgh, N. Y.
James Loren Wasserstrom, Columbus
Beverly Ann Whaley, Newark
Mark Allen Gagnon, Lancaster
Cynthia Kaye Straten, Lancaster
Shelly Marie Kirkham, Worthington
Tracey Ginger Laing, Granville
Kim Zesiger, Columbus

Bachelor of Art Education
Joseph Wilbur Martin, Columbus
Anne Elizabeth Porterfield, Columbus

Bachelor of Art Education
Bruce Eugene Jacklin, Columbus
Paula Dansa Sherman, Galena
Dreama Pave Williams, Columbus

Bachelor of Music
Kristen Johanna Jones, Worthington
Dane Maxim Richeson, Columbus
Mark Alan Rush, Columbus

Bachelor of Music Education
C. Jill D'Addio, Worthington
Christopher Alan DiSanto, Columbus
Vickie L. Robinson First, Columbus
Jeffrey Thomas Hayman, Westerville
Michael Alan Peters, Zanesville
Katrina Spencer Ross, Columbus
Michael Paul Schaff, Sylvania
Curta Gerald Weinrich, Jr., Columbus

College of Biological Sciences
Dean: Patrick R. Dugan

Bachelor of Arts
Jeffrey Paul Semach, Poland

Bachelor of Science
Laura Kasthleen Briggs, Worthington
Juliana H. J. Brooks, Columbus
Mark Steven D'Averson, Brook Park
Peter Jerome Ferron, Painesville
Susan Maurer Folger, Columbus
Shelton Dean Henry, Sunbury
Lawrence Edward Holbrook,
Winter Park, Fla.
Timothy Scott Holless, Wapakoneta
Lisa Diane McComb, Mentor
Jacqueline Ann O'Keefe, Parma
Suan Paddock, Columbus
Ladan K. Pourmoghadam, Tehran, Iran
Nancy Katherine Robinson, Toledo
Michael Joseph Rubel, Clinton
Duane Allen Schrock, Millersburg
Christopher John Sutton, Toledo
Brett David Wallace, Columbus
Hope Else Winograd,
Ocean Township, N. J.
John A. Young, Newark
Tracy Andrea Zemel, University Heights

College of Humanities
Dean: Diether H. Haenicke

Bachelor of Arts
Alvin Duane Ash, Muncie, Ind.
Elizabeth Bodimer, Franklin, Pa.
David Arthur Cahorn, Columbus
W. Franklin Christiansen, Caledonia
Kenneth Alan Costes, Bedford
Timothy Martin Daher, Bedford Heights
Vera Eraz, Cleveland
Ann Elizabeth Falk, Lima
Debra Rae Fields, Hinckley
Michael James Fiorini, Columbus
M. Adena Gifford, Toledo
Christopher Mark Grimesley, Columbus
Charles Philip Hembrey, Chesterland
Holly Ann Helmick, Canton
Mary Beth Hirsch, Cincinnati
Edward Herman Howey, Sandetone, W. Va.
Mary Agnes Howk, Columbus
John Xavier Keenan, Columbus
Jessica Mae Kline, Mansfield
Jody Steven Kraus, Shaker Heights
James E. Laugtug, Columbus
Debra Rae Field, Hinckley
William Patrick Love, Canton
Jennifer Ann Miller, Newark
Susan J. Miller, Columbus
Elaine Adels Morgan, Grove City
Hania Nashef, Amman, Jordan
Ralph Ray Orr, III, Columbus
Elizabeth Anne Rader, Newark
Thomas W. Rauch, Columbus
Ellen Scott Rue, Cincinnati
Debra L. Saye, Atwater
Jeffrey Paul Sondles, Bay Village
Lee Ann Tobin, Columbus
Joseph David Wine, Columbus

College of Mathematical and Physical Sciences
Dean: Colin B. B. Bull

Bachelor of Arts
James Lyle Cowie, Sandusky
Harry Louis Favre, Columbus
Dennis Lloyd Flower, Worthington
Jeffrey Alan Jones, Lima
Rebecca Theresa Keener, Columbus

Bachelor of Science
John Brel Bracey, Toledo
Mark David Butler, Lexington
Richard H. Carver, Mansfield
Michael Edwin Costello, Columbus
Ronald D. Dawes, Berea
Jo Ann Denise Dragon, Ashatabula
Catherine M. Feroni, Fairlawn
Brent Eric Gross, South Euclid
Marta Angelina Haban, Reynoldsburg
Michael Patrick Hagerty, Columbus
Jeffrey Harroff, Columbus
Matthias Hoffrich, Fairview Park
Thomas W. Kwang, Waverly
Wolfgang Kurapkat, Westerville
Sharon Arnette Little, Columbus
Richard Lee Lockwood, Lancaster
Jeffrey E. Lucius, Columbus
Louis Carl Martina, Cincinnati
Michael James Mayer, Lyndhurst
Mark E. Miller, Columbus
Gary Allen Mitaika, Amherst
Lafani Marie Owens, Columbus
Ramon Quintanilla, Toledo
Lorraine Mary Rellick, Pittsburgh, Pa.
Steven Alexander Shadbolt, Newark
Donald Keith Still, Chesterland
Daniel Ray Ward, Worthington
Steven George Wright, Cincinnati
Paul Lawrence Zorko, Columbus

College of Social and Behavioral Sciences
Dean: S. Earl Brown

Bachelor of Arts
Marcia E. Andrews, Dayton
Tom A. Atkins, Columbus
David A. Arth, Youngstown
Janet M. Bearer, Columbus
Julia Kristin Burkett, Granville
Sandy Lee Burkett, Massillon
William Raymond Burrell, Gahanna
**Martha Elizabeth Caldwell, Urbana
Beth Ann Calvary, Columbus

1 Offered by the College of Social Sciences
2 Offered jointly by the College of Arts and the College of Education
Deborah Jean Carrington, Columbus
Susan Lynn Carroll, Martins Ferry
Danny Chatmon, Columbus
Kathleen Ann Collinger, Wickliffe Heights
William Consoletto, IV, Bellevue
Cheryl Celeste Council, Queens, N. Y.
Kate Ann Creger, Columbus
Evelyn L. Cross, Columbus
J. Bruce Cummings, Columbus
Mary Elizabeth Fedurek, Whitehouse
Steven Glen Hensler, Athens
Stephen Charles Holt, Columbus
Cheryl Susan Huntsinger, Columbus
Sheldon Joseph Ingersoll, Columbus
Karen Lou Dennis, Columbus
Kathleen Ann Collinger, Columbus
James Russell Clark, Columbus

Cheryl Sue Schlossberg, Columbus
Cathie Todd Ervin Reeves, Columbus
Joan Irene Vance, Dayton
Thomas Edward Davis, Sr. Henry
Charles Brenneman, Mount Vernon
Jane Woodson, Columbus
Celeste Council, Columbus
Wendy Sue Berton Morrison, Columbus
Hermona Monica Elizabeth Ransome, Cincinnati

College of Administrative Science
Dean: H. Justin Davidson

Bachelor of Science in Business Administration
Douglas J. Abbott, Painesville
Scott Allen Allman, Coshocton
Jo A. Altman, Mansfield
Ronald Eugene Andrews, Columbus
Cynthia Lin Arnett, Eton
John William Ault, Caledonia
Barbara Ann Babcock, Ashland
Stacey Beth Babson, Howard Beach, N. Y.
Bradley Joseph Barr, Galloway
Annette Marie Bavets, Columbus
Jeffrey Scott Beck, Malone
James Dean Steery, Logan
Rita Louise Dell, Columbus
Sherry Ann Breza, Akron
Anne Hilda Bergman, Boca Raton, Fla.
Valerie Adkins Gross, Upper Arlington
Mark Steven Hipple, New Bremen
Rodney Lee Irwin, Jr., Toledo
Donald Eugene Jenkins, Lima
Kavan George Kowis, Pickerington
Diana Jo Kuritz, Middelfield
Raymond Jay Melick, Columbus
Monica Elizabeth Ransome, Cincinnati
Kathie Call Shockley, Columbus
Jacqueline Kay Swagert, Massillon
Cheryl L. Torkian, Vandalia
Hermosa Costell Trudell, Columbus
Geoffrey Howard Turro, South Euclid
Daniel Ray Weininger, Sycamore
Tammy Kay Gale Woot, Columbus

School of Journalism
Bachelor of Arts in Journalism
Basil A. Ayish, Elyria
Jennifer M. Basden, Columbus
Mary Jeanette Brown, Dublin
Jesse Tischler Carter, Loudonville
Maureen Anne Daly, Levittown, N. Y.
Kathryn M. Faller, Jackson, Ohio
Earl Jay Glasses, Toronto
Lisa Jo Goetz, Fairlawn
Joseph Charles Haggins, Cincinnati
Ellen Barbara Heile, Apple Valley, Minn.
Kim Rene Hicks, Dayton
Mike Hootschel, Marietta
James Patrick Kane, Fulton, N. Y.
Rebecca Anne Keller, North Olmsted
Deborah K. Kelly, Brilliant
Gregory James Kelly, Toledo
Julie A. Kemble, Cincinnati
Deborah Sue Knuth, Saginaw, Mich.
Brenda Sue Lauer, Cleveland
Shelly Ann Miller, Dayton
Lee Berton Morrison, Smyrna
Richard Paul Payne, Columbus
Julie Marlene Peyton, Pataskala
Richard A. Rico, Richmond Heights
Margaret Trace Rodes, Cincinnati
Jill Elizabeth Spangrier, Poland
Marcy Cheryl Waxman, Toledo

Lisa Marie Bernet, Branford, Conn.
Beverly Diane Blazek, Willoughby
Robert William Bowman, Columbus
Patricia R. Brandon, Columbus
Suzanne Marie Broglio, Lorain
Theresa Ann Bruniport, Loveland
Oscar Arthur Cancio, Columbus
Matthew Alan Burkett, Columbus
Mark A. Bush, Hilliard
John David Butler, St. Paris
Patricia Elaine Caruso, Circleville
Karen Louise Cherico, Clarion, Pa.
Dana K. Childers, Columbus
Gregory Scott Clark, Mt. Sterling
James Russell Clark, Columbus
Allen Lee Clum, Bucyrus
Kelly William Cleveland, Bryan
Shawn David Cloran, East Liverpool
Deborah Howel Colasuco, Dublin
Mark Lewis Collins, Arlington, Mass.
Lee Jonathan Connwell, Polk
Diane Lynn Cooper, Marion
Daniel Richard Corbett, Cleveland
Kevin John Coughlin, Columbus
Aimee Diane Cowgill, Van Wert
Raymond Ralph Cross, Findlay
Germaine Anne Cuddy, Columbus
Virginia Susan Klein Daly, Columbus
Thomas Edward Davis, Sr. Henry
Todd Neumann Davis, Centerville
Michael Joseph DeShon, Akron
Harold Daniel Dixon, Columbus
Ray Scott Dietrich, Centerville
Aliyson Ann DeGeorge, Mingo Junction
Diane Louise Fincke, S. Croix, Wis.
Michael Gerard DiSalvo, Dayton
Eric Edward Docter, Lima
Debra Susan Doering, Tiffin
Alan Edward Dolezal, Dilliwon
Bruce Lynn Dollings, Newark
Cathy Ann Dunton, Mont Grove, Wis.
Diane Lee Dorschak, Solon
William Stuart Dowdy, Columbus
Daniel Lawshe Dubl, Marion
David Alan Dunliski, Toledo
Michael W. Durbak, Newark
Dennis Raymond Durco, Rosford
Elaine Marie Eicher, Cleveland
Nancy M. Efland, Parma
Drew Matthew Ellis, Zanesville
Janet Egil, Springfield
Timothy Ray Evancho, Cambridge
David Michael Eyestone, Upper Sandusky
Gordon Probert Eyre, Columbus
John Thomas Farrell, Elyria
Patrick H. Ferry, Mineral City
Andrew J. Finch, Galion
Stephen Joseph Fisher, Darien, Conn.
Luanne Denise Flaherty, Akron
Kevin James Flaherty, Columbus
Frederick E. Fochtman, Columbus
Howard Sherman Forman, Cleveland Hts.
Michele Ann Fracasse, Columbus
Bessie Lynn France, Chagrin Falls
Karen J. Funk, Columbus
LaNell Renee Galloway, Columbus
Kevin Andrian Gardner, Milford
Kathleen Lee Gaslin, Columbus
Timothy Matthew Gases, Centerville
Douglas Gerard Geraci, Reading
Christopher Dennis Geyer, Lisle, Ill.
Jean Marie Gildersleeve, Columbus
Gordon Muri Goff, Fairborn
David Bruce Goldstein, Cincinnati
Virginia Ann Gontard, Kent
Jeffrey Eric Gordon, Columbus Heights
David Michael Gouttiere, Mingo Junction
Michael William Greensela, Columbus
Yvonne Mary Guthell, Columbus
Steven Hayden Hafner, Sandusky
Lisa Michelle Harp, Columbus
John Maxwell Harris, Akron
Sally Jo Hartwell, Hubbard
Robert I. Henshord, Fairview Park
Shelia Marie Hensel, Powell
Stech Mark Koch, Columbus
Christina Ruth Hersberger, Westerville
Randall Lee Hicks, Canal Winchester
David Joseph Hogan, Reynoldsburg
Llewellyn Charles Holder, Fairview Park
Thomas Michael Homish, Toledo
Jeffrey Raymond Hour, Chillicothe
Bradley Robert House, Columbus
John Robert Huneck, Cincinnati
Bruce Cameron Hunt, Lebanon
Mark William Landsersweiler, New Castle-On-Tyne, England
Kenneth L. Hutchins, Marion
John A. Judkins, Woodlawn, N. Y.
Mark Steven Jaynes, Worthington
Laurie Ann Jazzo, Lyndhurst
Sue Ellen Jeffair, Cambridge
Terri Marie Johnson, Zanesville
Jeffrey Alan Johnston, Troy
Karl Maurice Jones, Dayton
Jerald Joseph Juskiewicz, Eastlake
Vincent Lawrence Jusko, Reynoldsburg
Christina Marie Keck, Newark
Robin Lynne Kindy, Kettering
Michelle Marie Kinney, Parma
Susan Lynn Knable, Cincinnati
Donna Jean Knopf, Westerville
John Storm Kirsch, Dublin
Janet Marie Kneer, Hilliard
Teresa Rose Koneisky, Olmsted Falls
Mark Michael Korgun, State College, P. A.
Robert Michael Kosco, Lorain
Jane Marie Kuchnicki, Wailton Hills.
Dana Thomas kul, Lancaster
Keith Brian Kuhn, Willard
Mary Frances Kurtz, Columbus
Mary Ann Kuyper, Columbus
Dennis Ray Lautezheiser, Orrville
Judy Marie Leggett, Worthington
John David Lewis, Akron
Daniel Anthony Ludwig, Cincinnati
Vincent C. Lupo, Columbus
Philip Kurt Lutz, Hudson
Henry D. Mariana, Columbus
Wallace William Marks, Parma
Susanne E. Marcus, Lancaster
Sean Edward Martin, Ashland
Kevin David Massie, Xenia
Janet Elaine McCandless, Columbus
William Gail McDavid, Dayton
Richard J. McLaughlin, Columbus
John Brian McPherson, Rocky River
Donna Jean McQuillin, Delta
Mary Frances McQuillin, Westerville
Steven Douglas Schafer, Ringwood
John Michael Murray, Kenton
Thomas Anthony Musilka, Vermilion
Timothy Lee Newsome, Youngstown
Terry Lee Oakley, Lakeview
Abdisalaman Haji Hussein Omar, Hargeisa, Somalia
Gerard James O'Neill, Toronto, Ontario
Kurt Osterheld, Sanford, N. C.
Mary Katherine Oswald, Parma
Deborah X. Owens, Webster, N. Y.
William Arthur Pardee, Oberlin
Patrick Michael Perruzzi, Youngstown
Steve Michael Perry, Columbus
William Earl Perry, Columbus
Dana Ann Pershing, Dover
William Michael Peugh, Reynoldsburg
Deborah Lynne Pfock, Chillicothe
Laurel Harriet Pond, Elyria
B. Louis Popovich, Massillon
Robert Allen Powell, Marietta
Barbara Ann Pramik, Columbus
Diana Kay Rainey, Lorain
Terri Mellot Rainey, Butler
Terry Alan Ramsey, Perrysville
Jane Reavil Ranson, Gahanna
Gregory Guy Rauch, Newark
Elaine Marie Rausch, Columbus
Julie Lynn Reece, Columbus
Christina Marie Ricchi, Akron
Nonette Kay Richardson, Worthington
John Clyde Rickel, Columbus
Keith Edward Riley, Columbus
Thomas Robert Ritter, Cincinnati
William Andrew Roberts, Columbus
Joe A. Roden, Wickliffe
Alexander James Rolletta, Newark
Raymond Thomas Ross, Rehoboth, Maine
Sue Penny Rose-Salyer, Columbus
Eileen Marie Ryan, Columbus
Michael S. Sanders, Mayfield Heights
Gregory S. Saunders, Groveport
Steven Douglas Schaefer, Lexington
John Michael Schafer, Beachy
Patricia Marie Schieley, Worthington
Mary Lee Scott, Worthington
Terry Neil Seaman, Cleveland
Pamela Lou Segreto, Warren
John Allen Seifrich, Houston, Tex.
Richard Dennis Shafer, Westerville
Ahmed J. Siddiqi, Karachi, Pakistan
Robert Stanley Sipp, Columbus
Gregory Paul Smigelski, Maple Heights
Donna Jean Smith, Akron
Robert Edward Smith, Chagrin Falls
Susan Louise Smith, Worthington
Tamera Berry Smith, Columbus
Michael John Smithyman, Columbus
Cari Eugene Speicher, Worthington
Kathryn J. Spikoski, Dublin
Hayrrent Starr, Blacklick
Kathy Diane Stone, Westerville
Andrew Nathan Storer, Archbald
James C. Stover, Cleveland Heights
Tina Marie Talarico, Yorkville
Timothy Raymond Tanner, Newark
James Scott Templeton, Mansfield
Cynthia Louise Thompson-Stump, Worthington
Todd Aaron Thompson, Sidney
Clint William Thrush, Columbus
Marvin Patrick Tierney, Cincinnati
Van Lay Tieu, Columbus
Paul Edward Titus, Westerville
David Colin Toftum, Cleveland Heights
Terri Lynn Toonissen, Worthington
Durinda Denise Toles, Warren
John L. Tripp, Pickaway
Kelly Ann Truex, Mt. Vernon
Michael D. Turney, Mt. Vernon
Michele Ruth Ungar, Columbus
Frank Vincent Vallone, Columbus
Salvatore Vamadia, Parma Heights
Barry Keith Wagner, Louisvile, Ky.
Mark W. Wakefield, Columbus
Benalynn Cherie Wallack, Columbus
Mark Bruce Washburn, Loveland
James David Weaver, Westerville
Jeannine Sue Weaver, Kenton
Jeri Lin Weikert, Florida
Gary Michael Weimar, Columbus
Glenn David Weinman, Columbus
Douglas Lee Weintraub, Akron
Cornelia A. West, Columbus
Donna Marie Wiley, Conneaut
Stephen Lowell Willey, Columbus
Cheryl Lynn Williams, Brook Park
Glena Ann Williams, Grove City
Henry Hamilton Wilson, Westfield, Mass.
Jon Mark Witteosch, Kettering
Terrence Craig Woldorf, Delaware
Jesse Thomas Wolford, Newark
Robert William York, Jr., Westlake
Marian Catherine Young, Cincinnati
Timothy L. Young, Xenia
Charlene Ann Zagarski, Indianapolis, Ind.
Bonne Rene Zimmer, Canton
James B. Zimmerman, Dayton

Bachelor of Science in Labor and Human Resources

Cari Warnock Burnett, Jr., Porterfield
Daniel Thomas Madizia, Ashland
William Carey Meadema, Rocky River
John Joseph O'Leary, Middleburg Heights
Diane M. Fridydi, Cleveland Heights
Michael Douglas Shaw, Westerville
Kathryn Lee Tarantino, Cleveland
Anne Marie Zribilis, Elyria

College of Agriculture and Home Economics

Acting Dean: George R. Gist

Bachelor of Science in Agriculture

Diane Kathryn Adams, Huntsburg
Janet Marie Berg, Lyndhurst
Linda Susan Bien, Johnstown
Raymond Samuel Byers, University Heights
Gregory Vernon Cook, Vermilion
David William Covey, Columbus
David Wayne Davies, Westville
Blaine Edward Davis, Lebanon
R. Alan Elliott, Delaware
James Edward Eber, Cleveland Heights
Patrick William Ernst, Cincinnati
Robin Leigh Eyco, Reynoldsburg
Ludmilla Marie Graceman, Columbus
James Louis Harrod, Pleasant Valley, N. Y.
John William Harvey, Springfield
Julie Ann Hasenfritz, Toledo
Christopher Lee Hays, Greenfield
Jeffrey Juilliard Howard, Bucyrus
Bobbi Jo Jarvis, Canton
Jeffrey Allen Johnson, Warren
Price Clarence Kellar, III, Logan
Jon Phillip Lents, Cheshire, Conn.
Edward A. Miller, St. Clairsville
Philip Andrew Neff, Bucyrus
Richard A. Norris, Columbus
Jennifer Sue Passanti, Kettering
Edward Clay Porterfield, Phoenix, Md.
Deborah Jean Quinn, Middletown
Susan Kathleen Reese, Strongsville
Melinda Sue Remy, Waverly
Richard Todd Ricketts, North Pickerington
Sharon Marie Rubrecht, Cincinnati
Michael David Ryan, Columbus
Charles Dana Schneider, Wapakoneta
Kathleen Kim Smith, Cincinnati
Ann Christine Spearow, Fairborn
Brett Marshall Spencer, Manchester
Paul Matthew Stari, Parma
Timothy Joseph Stuchal, Medina
Nadja Stuyler, Seven Hills
Sheree Simon Taylor, Akron
Mary Beth Urig, Avon
William Dale Waidelich, Circleville
Sue Ann Westfall, Elyria
Colleen Ellen Wherthey, Louisville, Ky.
Beth Darce Whittington, Columbus
David Allen Witmer, Norton
Thomas Christian Zwirner, Dublin

Bachelor of Science in Food Science

Holley Frances Lawrence, Mt. Gilead
Sally Joanne Rush, Grafton

Bachelor of Science in Food Technology

Douglas Alan Harp, Columbus

Bachelor of Science in Nutrition

William Carl Minton, Jr., Tipp City
Jason Elliot Tasch, Cleveland
Nicholas C. Varveris, Austintown

School of Home Economics

Bachelor of Science in Home Economics

Teresa Marie Bennett, Bainbridge
Debbie Biederman, Columbus
Scheri Kay Borowitz University Heights
Beth Anne Collins, Dublin
Susan Beth Deremo, Cincinnati
Mary Jane Dittos, Somerset
Susan F. Dixon, Grove City
Tracey Ellen Fathl, Columbus
Linda Sue Henson, Hilliard
Barbara Joyce Heiko, Jericho, N. Y.
Donna Ann Dewhurst, Whitehall
Terese Marie Heilman, Kenton
Lawrence George Herrick, Mayfield Heights
Gary Wayne Kirkpatrick, North Canton
Susan Marie Mann, Lima
Gregg Spencer Nettles, Dayton
Tracey Patricia Nyhan, Rocky River
Robert David O’Donnell, Grove City
Mary Jo O’Neill, Bay Village
Bruce Arthur Rich, Warren
Rex Ward Rolf, Gibsonburg
Martha Ann Schmidt, Columbus
Dean Matthew Schubert, Columbus

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Gandi Abu, Bauchi, Nigeria
Darlene Sue Adkins, Columbus
Nancy Joyce Afshahi, Maple Heights
Debra Sue Applegate, Portmouth
Mohammed Nurddeen Baba, Bauchi, Nigeria
Jalo A. Abubakar Bajoga, Bauchi, Nigeria
Lynn Marie Basel, Maple Heights
Sandra Lucille Beck, Columbus
Peggy Jo Bleigh, Athens
Beth Bjerje Bormann, Newark
Breek Baldwin Brown, Worthington
Ellen Louise Brown, Gahanna
Judith Louise Brown, Sebring
Thomas Lee Brown, Columbus
Scott Bradley Burton, Columbus
Inge-Lise Christiansen, Irwin, Pa.
Edward Charles Clark, Delphos
Tamara Aronson Clark, Walnut Creek, Calif.
Margaret Sue Coker, Mansfield
Sandra Lee Cress, Galion
Chris Allen Cunin, Kirtland
Moula Dinna Dadi, Columbus
Mark Douglas Davis, Youngstown
Timothy Richard Deets, Dover
Jeanie Marie DeVo, Newark
Karen Lynn Distelhorst, Columbus
Sharon Lee Dunlap, Newark
Shunnel Epstein, Columbus
Mary Roberta Fawley, Westerville
Miriam Kay Foster, Cincinnati
Kenneth Charles Friedlander, Columbus
Renee Janet Gaines, Toledo
Nancy Ellen Garner, Dublin
David Randall Gillum, Shilo
Sandra H. Harrison, Columbus
Marsha Oliver Hayden, Newark
Jane Marie Hemker, Delphos
Keiko Hirokawa, Hiroshima, Japan
Michele Marie Hohb, Columbus
Susan Tackett Huffman, Columbus
Ahmed Galadima Isawa, Bauchi, Nigeria
William Clarence James, Columbus
Deborah Anne Kark, Richmond
Barbara Jean Kochl, Kettering
Patricia Lynn Lambeck, Columbus
Crystal Dee Lamprecht, Columbus
Jennifer Lane, Lakeside
Gail Allen Law, Portsmouth
Heidi Ann Leinard, Mansfield
Fred Eugene Linard, Timberlake
Deborah Elaine Manning, Westerville
Larry Maynard, Marion
Robert M. McKinney, Boardman
Raymond Jay Melick, Columbus
Lena Lee Milli, Mansfield
Garba UbaUli Mohammed, Bauchi, Nigeria
Hassan Adamo Mohammed, Bauchi, Nigeria
Matthew C. Moor, Westerville
James Robert Morgan, Whitehall
Mary Joyce Nixley Morrison, Mansfield
William George Murray, New London
Begun Suzanne Oaks, Westerville
Daniel Joel O’Brien, Columbus
Joan Leslie Oster, Fredericktown
Cassie Emelia Osborne, Worthington

School of Natural Resources

Bachelor of Science in Natural Resources

Charles Warren Armbrust, Reynoldsburg
Paul Charles Baylog, Cleveland Heights
John Andrew Bricker, Columbus
Erik Jorg Buggel, Troy
Robert Michael Corbett, Solon
Mark Jay Davies, Pataskala
Donna Ann Dewhurst, Whitehall
Terese Marie Heilman, Kenton
Lawrence George Herrick, Mayfield Heights
Gary Wayne Kirkpatrick, North Canton
Susan Marie Mann, Lima
Gregg Spencer Nettles, Dayton
Tracey Patricia Nyhan, Rocky River
Robert David O’Donnell, Grove City
Mary Jo O’Neill, Bay Village
Bruce Arthur Rich, Warren
Rex Ward Rolf, Gibsonburg
Martha Ann Schmidt, Columbus
Dean Matthew Schubert, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

Charles Warren Armbrust, Reynoldsburg
Paul Charles Baylog, Cleveland Heights
John Andrew Bricker, Columbus
Erik Jorg Buggel, Troy
Robert Michael Corbett, Solon
Mark Jay Davies, Pataskala
Donna Ann Dewhurst, Whitehall
Terese Marie Heilman, Kenton
Lawrence George Herrick, Mayfield Heights
Gary Wayne Kirkpatrick, North Canton
Susan Marie Mann, Lima
Gregg Spencer Nettles, Dayton
Tracey Patricia Nyhan, Rocky River
Robert David O’Donnell, Grove City
Mary Jo O’Neill, Bay Village
Bruce Arthur Rich, Warren
Rex Ward Rolf, Gibsonburg
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Dean Matthew Schubert, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

Charles Warren Armbrust, Reynoldsburg
Paul Charles Baylog, Cleveland Heights
John Andrew Bricker, Columbus
Erik Jorg Buggel, Troy
Robert Michael Corbett, Solon
Mark Jay Davies, Pataskala
Donna Ann Dewhurst, Whitehall
Terese Marie Heilman, Kenton
Lawrence George Herrick, Mayfield Heights
Gary Wayne Kirkpatrick, North Canton
Susan Marie Mann, Lima
Gregg Spencer Nettles, Dayton
Tracey Patricia Nyhan, Rocky River
Robert David O’Donnell, Grove City
Mary Jo O’Neill, Bay Village
Bruce Arthur Rich, Warren
Rex Ward Rolf, Gibsonburg
Martha Ann Schmidt, Columbus
Dean Matthew Schubert, Columbus

Agricultural Technical Institute-Wooster

Bachelor of Science in Agricultural Technology

Jill Ann Thiessen, Wooster
Tamaras Sue Thomas, Canfield
Leilie Ann Turner, Lancaster
Sandra Kay Vogt, Orient
Ceella M. West, Columbus
Eva Marie Willmon, Columbus
Mar Lita Wilson, Columbus
Cynthia Jennifer Zima, Parma

Bachelor of Science in Nutrition

Robert Joseph Vaschak, Campbell

Bachelor of Science in Restaurant Management

Paula J. Camardo, Cincinnati
Dianna Lee Fowles, Newark
Alleen M. Hylund, Columbus
Martin William Salerno, Lake Milton

School of Natural Resources

Bachelor of Science in Natural Resources

Charles Warren Armbrust, Reynoldsburg
Paul Charles Baylog, Cleveland Heights
John Andrew Bricker, Columbus
Erik Jorg Buggel, Troy
Robert Michael Corbett, Solon
Mark Jay Davies, Pataskala
Donna Ann Dewhurst, Whitehall
Terese Marie Heilman, Kenton
Lawrence George Herrick, Mayfield Heights
Gary Wayne Kirkpatrick, North Canton
Susan Marie Mann, Lima
Gregg Spencer Nettles, Dayton
Tracey Patricia Nyhan, Rocky River
Robert David O’Donnell, Grove City
Mary Jo O’Neill, Bay Village
Bruce Arthur Rich, Warren
Rex Ward Rolf, Gibsonburg
Martha Ann Schmidt, Columbus
Dean Matthew Schubert, Columbus

Associate in Applied Science

Candace Winston Harker, Louisville, Ky.
Thomas Edward Kohls, Amherst
Kathryn Kay Linder, Columbus
Douglas Edward Macklin, Petersburg
Amelia Teresa O’Shea, Staten Island, N. Y.
William Francis Paulus, Canton
Megan Gay Preston, Radnor
Angela Frack Randaci, Wooster
Lois Ann Rice, Jeromesville
Steve Eugene Smith, Bueyges
Kelli Ann Sparr, Ravenna
Sharon Diane Turner, Litchfield
Diane Kay Yanice, Mineral City
Abhipsa S. Parikh, Columbus
Gwendolyn K. Peper, Ada
Amy Anne Pike, Northfield, Mass.
Jane Marie Pope, Fort Clinton
Jody Anderson Pugh, Granville
Denise Michelle Ratus, North Ridgeville
Kallie Helen Reppas, Columbus
Jule Sweeney Reus, Lima
Linda Margaret Rhoads, Circleville
Carolyn Elizabeth Sabel, Columbus
David Henry Shuter, Minford
Karole Kaye Skidmore-Beth, Mt. Gilead
Karen Elaine Slemers, Columbus
Katherine Louise Smithyman, Columbus
Louann K. Steele, Wadsworth
Mark John Stefanik, Parma Heights
Pamela Lynn Stewart, Warren
Rebecca Reed Suren, Columbus
Catherine Ann Taylor, Columbus
Robhn Lynn Taylor, Centerfield
David Lawrence Thomson, Fredericktown
Brenda Sue Towns, Swanton
Jill Lucinda Turney, Nevada
Lisa Marie Vanderhorst, St. Mary's
Rebecca Ann Wagner, Hilllsboro
Victoria Lynn Graybowiski Wagner, Columbus
Joyanne Irene Washington, Yellow Springs
Robert Timothy Williams, Cleveland
Habu Hira Zarma, Bauchi, Nigeria
Jeffrey Alan Hegedus, Columbus
Karen Elaine Sliemers, Columbus
Mark James Dusenberry, Dover
Dwayne Alley, Columbus
Steven Christopher Ahlstrom, Bridgeport
John Liddle, Lambertville, Mich.
James Michael Gregg, Columbus
Gustavo Adelmo Villar, Lima, Peru
Mark Chalmers Wilson, Columbus
Dean: Donald D. Glower

Bachelor of Science in Civil Engineering
Kamal Khadil Abou-Ghazaleh, Nablus, Jordan
Fady F. Fawaz, Beirut, Lebanon
Larry Ivory, Cleveland
Kamil Eliaz Kalo, Beirut, Lebanon
Ali Hassan Karaki, Zahle, Lebanon
Raed Kuzbari, Damascus, Syria
David Hassan Nourschi, Baghdad, Iraq
Olomuemo Okonta, Abavo, Agbor, Nigeria
Ali Yousef Tobah, Cairo, Egypt

College of Engineering

Bachelor of Science in Computer and Information Science
Paul Alan Irwin, Marysville
James David Matheke, Columbus
Gustavo Adolfo Villar, Lima, Peru
Mark Chalmers Wilson, Columbus

Electrical Engineer
Jatin Chandubhai Rawal, Columbus

Bachelor of Science in Electrical Engineering
Mark Allen Alt, Miller City
Allan A. Cornellini, Orange Village
John David Chovan, North Olmsted
Daniel Joseph Coy, Worthington
Michael James Dunn, Trumbull, Conn.
Abdalla Ibrahim Elusta, Kikia, Libya
Lisa Pakheri, Shiraz, Iran
John E. Flynn, Westerville
Glen Paul Gerhard, Columbus
James Michael Gregg, Columbus
Meenakshi Gupta, India
Mazhar Habibi, Tehran, Iran
Robert Alan Hale, Lambertville, Mich.
Phillip Cheen-Cheng Kao, Lakewood
Iwun Li, Centerfield
John Liddle, Bridgeport
Michael Joseph Lynch, Columbus
Omar Suboh Madi, Tripoli, Libya
Terry Leven Malone, Cleveland
Matthew Alfred Poshel, Wintersville
Gregory James Power, Columbus

Bachelor of Science in Chemical Engineering
Steven Dwayne Alley, Columbus
Roy Wesley Anderson, Milan
Kathleen Ann Applegate, Grove Pointe, Mich.
Karen Lucile Christensen, Bellbrook
Debra Wren Denio, Enon
Kenneth N. Dike, Hamilton
Mark James Dusenberry, Dover
Jeffrey Alan Hegedus, Columbus
Elizabeth Ann Knecht, Washington C. H.
Anthony Maxzole, Parma
James Joseph McNelly, Mayfield Heights

Bachelor of Science in Engineering Physics
Keith Richard Abernathy, Alliance

Industrial Engineer
Yean-Jinn Scott Liu, Columbus

Bachelor of Science in Industrial and Systems Engineering
Norman Dale Burrows, Jr., Portsmouth
J. Andrew Drake, Bedford
Mark Fedora, Colorado Springs, Colo.
Thomas C. Hughes, Beavercreek
Joseph Thomas Kihl, Cincinnati
William Joseph Mattingly, Tallmadge
Martha Kay Raymond, Bay Village
Thomas Hugh Rockwell, Jr., Columbus

Bachelor of Science in Mechanical Engineering
Harold Eugene Addy, Jr. Tappan Lake
Omar Ahmed Ayash, Sanaa, Yemen
Benjamin Land Elliott, Chillicothe
Donald Mark Gage, Otego, N. Y.
Edward Clark Hiltner, Jr., Coshocton
Thomas Joseph Karabina, Upper Arlington
Gerald Michael Lepley, Bellevue
Jeffrey Scott Loeb, Cincinnati
Jonathan Todd Loeb, Cincinnati
Joya Mathews, Ashland
Mark James Nelson, Warren
Paul David Norris, Columbus
Wayne Ross Oaks, Westerville
Brian Harold Ogle, Columbus
Sunil Kandl Patel, St. Clairesville
George Michael Phillips, Bedford
Kenneth James Rowan, Parma
Chandrashekh Saw, Berbice, Guyana
Daniel Joseph Smith, Tiffin
William Edward Turner, Gahanna
Mark Thomas Winters, Terre Haute, Ind.
Lindsay Mason Wood, III, Unisontown
David Allen Zimmerman, Sacramento, Calif.

Bachelor of Science in Metallurgical Engineering
Jeffrey S. Berta, Ashtabula
Anthony Eugene Dillard, Columbus
Russell Bart Gallegher, Mentor
James P. Singkpin, Harriman, Tenn.
James Randall Valentine, North Canton

Bachelor of Science in Mining Engineering
Charles Russell Ortnam, Chillicothe
James Dale Wampler, Kettering

Bachelor of Science in Welding Engineering
Linda Michelle Kien, Dublin
Brian Allan Rhoads, Troy
School of Architecture

Bachelor of Science in Architecture

Navy Francis Banvard, III, Highland, Ind.
Ghassan Chibli, Damascus, Syria
Mark Wayne Daniels, Columbus
Marc Louis DiSilvestro, Darien, Conn.
Robert Keith Gibson, Fairborn
Randall Lee Holborg; Marlton, N. J.
Terry Wayne Jenkins, Fairborn
Charles Brian Nuzum, Columbus
Peter Eric Siegel, Wilmette, Ill.
James Scott Weaver, Columbus

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Frank Yong Choo An, Akron
B.S. (The College of Wooster)
Girraj Kishore Bansal, Aga, India
B.Tech. (Indian Institute of Technology); M.S., Ph.D. (Case Western Reserve University)
Thomas Hugh Baughman, Columbus
B.S., J.D. (Case Western Reserve University)
Juliana H. J. Brooks, Dayton
B.S.
Jane Marie Burk, Cleveland
B.S.
David A. Cooley, Lima
B.S.
Emily L. Daykin, Shaker Heights
B.S. (Syracuse University)
Douglas Dale Fasselman, Columbus
B.S.
Gregory Mark Gottschlich, Dayton
B.S.
Curtis Lee Janeczek, Madison
B.S.
Eric Lee Kahn, Canton
B.S. (Bowling Green State University)
Christy Ann Lorton, Fairborn
B.S. (Wright State University)
Thomas Anthony Roesch, Columbus
B.S.
Steven Richard Schneir, Akron
B.A. (Miami University)
Gregory Walter Siewny, Middletown
B.S.
Christopher John Sutton, Toledo
B.S.
Mark Hunter Thomas, Dayton
B.S. (Howard University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Susan Ella Carmes, Leenonja
Brenda Cooper Highley, Portmouth
Leonard John Holstein, Deltphus
Piper Lynn Jackson, Warrensville Heights
Luwellyn Pike, Akron
Susan VanOes Richland, Beaconsfield
Mary Kathryn Rowley, Auburn, N.Y.
Susan Hope Elliott Schmidt, Columbus
Erica Robin Schwan, Chesterfield, Mo.
Michael Christopher Studer, Hubbard
Lynn Alexander Wynne, Columbus

Certificate of Post Baccalaureate Medical Illustrator

Rebekah Ann Dodson, Massillon
B.F.A.

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Wendy Lynn Alli, Warren
Charles Thomas Cangemi, Jr., Youngstown
B.S. (Youngstown State University)
Anita Lyne Dannewitz, Reynoldsburg
Kim Barbara Dolan, Powell
Zoie Lasslo Hatvani, Midddleburg Heights
B.S. (Cleveland State University)
Jeffrey Daniel Klop, Tiffin
Nancy Lynn Little, Columbus
Margaret Gayle Senn, Findlay
Ernest Scott Sparks, London

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Kimberly Michelle Burke, University Heights
Viora Beth Carlin, Columbus
Laurie Rose Friedman, Pepper Pike
Stacy Scott Greene, East Brunswick, N. J.
Barbara Lee Grove, Clearwater, Fla.
Christina Kreber, Columbus
David Alan Pliner, Pepper Pike
Susan Carol Schrader, Montgomery
Michael David Shepard, Columbus
Cynthia Yvonne Shaf, Chiliacote
Julie Mariane Silver, Cleveland
Cheryl Renee Stein, Akron
Mary Elizabeth Stock, Columbus
Janis Sue Zoldan, Canton

Grades of Distinction

Grades of Distinction

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.

Graduates with Honors

Amy Jo McLaughlin, Wooster
Beverly Jeanne Mundee, Beaconsfield
Margaret Louise Mueller, Kettering
Kimberly Ann Newsome, Youngstown
Jennifer Marie Phillips, Toronto
Carol Lyn Russell, Logan
Leslie Sue Stephens, Miles
Rosalyn Lynette Unterzuber, Yorkville
Karen Sue Wendel, Celina
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 Economics
Price Clarence Kellar, III

With Distinction in Agricultural Education
Phillip Andrew Neff

With Distinction in Civil Engineering
Ali Yousef Tobah

With Distinction in Environmental Communications
Martha Ann Schmidt

With Distinction in Forest Industries Management
Gregg Spencer Netley

With Honors in the Liberal Arts
Lisa Jo Goetz
Jody Steven Kraus
William P. Love
Ellen Scott Rue
Debra Lynn Sage

Cum Laude
Douglas Abbott
Darlene Sue Adkins
Scott Allen Allman
Lynn Marie Basel
Debbie Biederman
Thomas Lee Brown
Jane Marie Burk
Karen Louise Cherico
Karen Lucile Christensen
Christopher Alan Diasanto
William Stuart Dowdy
Lori Rose Frieder
Nancy Ellen Garner
Zsolt Laszlo Hatvani
Jane Marie Henker
Tracy Ann Henson
Keiko Hirokawa
Iewan Li
Michael Joseph Lynch
Douglas Edward Macklin
Joyce Malheus
Jacqueline Ann O’Keefe
Mary Katherine Oswalt
Peter Eric Siegel
Bradley Keith Sinnott
Robert Stanley Sipp
Donna Jean Smith
Christopher John Sutton
William Dale Waidelick
James Scott Weaver
Colleen Ellen Wherthey
Donna Marie Wiley
Cheryl Lynn Williams
Mark Thomas Winters
Diane Kay Yanico
Marian Catherine Yeung
Charlene Ann Zagarinsky
Anne Marie Zirblis

Cum Laude with Distinction in Agricultural Education/Agricultural Economics
Richard Todd Ricketts

Cum Laude with Distinction in Home Management and Housing
Eva Marie Williamson

Cum Laude with Distinction in Wildlife Management
Donna Ann Dethurat

Cum Laude with Distinction in Zoology and with Honors in the Liberal Arts
Michael Joseph Rubels

Cum Laude with Honors in the Liberal Arts
Marta Angeline Haban
Hania Nashef
Charles Philip Helmhuyer

Summa Cum Laude
Inge-Lise Christensen
James Russell Clark
Diane Lynn Cooper
Mark Jay Davies
Candace Winston Harker
Marsha Oliver Hayden
Catherine Ann Kernich
Jon Michael McIntosh
Abdisalam Haji Hussein Omar
Gerald Michael Lepley
Jeffrey Scott Loeb
Jonathan Todd Loeb
Wayne Ross Okes
Jane Reavill Bannou
John Clyde Ricket
Rebecca Reed Suran

Summa Cum Laude with Distinction in Accounting
John Allen Seifrick

Summa Cum Laude with Distinction in Classics and with Honors in the Liberal Arts
Elizabeth Anne Rader

Summa Cum Laude with Distinction in English and with Honors in the Liberal Arts
Lee Ann Tobin
THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 3, 1982

The Board of Trustees met at its regular monthly meeting on Friday, September 3, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.

* * * *
September 3, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, 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.


The meeting of the Board of Trustees reconvened at 1:30 p.m.

DISTINGUISHED SERVICE AWARDS
Resolution No. 83-19

Synopsis: Recommendation for four 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 four individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Donald P. Cottrell
Sydney Nettleton Fisher
William E. MacDonald
Everett C. Shimp

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 Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Resolution No. 83-20

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointments of New Chairmen of Departments, Divisions, Academic Faculty, and Director of School; Reappointment of Director of School; Leaves of Absence Without Salary; Professional Improvement Leave; Professional Improvement Leaves—Change 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 July 9, 1982 meeting of the Board, including the following Appointments; Appointments of New Chairmen of Departments, Divisions, Academic Faculty, and Director of School; Reappointment of Director of School; Leaves of Absence Without Salary; Professional Improvement Leave; Professional Improvement Leaves—Change of Dates; Professional Improvement Leave—Cancellation; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

Name: JULES B. LAPIDUS
Title: Dean
School: Graduate
Effective: October 1, 1982
Salary: N/A
Present Position: Vice Provost for Research and Dean of the Graduate School

Name: HOWARD P. FINK
Title: Professor (The Joseph S. Platt–Porter, Wright, Morris & Arthur Professorship in Law)
College: Law
Effective: October 1, 1982
Salary: $62,640.00
Present Position: Professor, College of Law, The Ohio State University

Appointments of New Chairmen of Departments, Divisions, Academic Faculty, and Director of School

October 1, 1982 through June 30, 1986

Chemistry  Heinz Floss

July 1, 1982 through June 30, 1985

Pharmaceutics and Pharmaceutical Chemistry  Robert E. Notari
September 3, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments of New Chairmen of Departments, Divisions, Academic Faculty, and Director of School (contd)

September 1, 1982 through June 30, 1983

Human Nutrition and Food Management
Industrial Design

*Loren V. Geistfeld
*Joseph Koncelik

October 1, 1982 through June 30, 1983

Accounting
Mining Engineering

*Felix P. Kollaritsch
Calvin J. Konya

July 1, 1982 through June 30, 1983

Home Economics

**Lena Bailey

Reappointment of Director of School

October 1, 1982 through June 30, 1986

Public Administration

Clinton V. Oster

*Acting Chairman
**Acting Director

Leaves of Absence Without Salary

RICHARD BJORNSON, Professor, Department of Romance Languages and Literatures, effective October 1, 1982 through March 31, 1983, to accept a fellowship at the National Humanities Center, Research Triangle Park, North Carolina.

KATHEL AUSTIN KERR, Associate Professor, Department of History, effective January 1, 1983 through March 31, 1983, to accept a Fulbright Award at the University of Hamburg.

JAMES E. SCHULTZ, Associate Professor, Department of Mathematics, effective April 1, 1983 through June 30, 1983, to accept a visiting appointment at Oregon State University.

LESLIE W. TANNENBAUM, Associate Professor, Department of English, effective October 1, 1982 through March 31, 1983, to accept a Guggenheim Fellowship.

FRANKLIN C. CROW, Assistant Professor, Department of Computer and Information Science, effective October 1, 1982 through June 30, 1983, to participate in a research project at Xerox Palo Alto Research Center.
Leaves of Absence Without Salary (contd)

PRABUDDHA DE, Assistant Professor, Academic Faculty of Accounting, effective October 1, 1983 through June 30, 1984, to accept a visiting associate professor position at Cornell University.

ANDRES DEL JUNCO, Assistant Professor, Department of Mathematics, effective January 1, 1983 through December 31, 1983, to accept a visiting research position at the Free University of Amsterdam.

INGVAR E. SODAL, Assistant Professor, Department of Anesthesiology, effective October 1, 1982 through June 30, 1983, to broaden his knowledge and expertise in the field of bioengineering.

MICHAEL M. SZPORER, Assistant Professor, Department of English (Mansfield Campus), effective April 1, 1983 through June 30, 1983, to accept an ACLS Research Fellowship.

Professional Improvement Leave

LARRY P. RITZMAN, Professor, Academic Faculty of Management Sciences, effective Winter Quarter 1983 and Spring Quarter 1983.

Professional Improvement Leaves--Change of Dates

EUGENE R. CAPRIOTTI, Professor, Department of Astronomy, change professional improvement leave from Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983 to Winter Quarter 1983 and Spring Quarter 1983.

A. PETER COSTANZA, Professor, School of Music, change professional improvement leave from Winter Quarter 1982 to Winter Quarter 1983.

DAVID J. LIM, Professor, Department of Otolaryngology, change professional improvement leave from Summer Quarter 1982 and Autumn Quarter 1982 to July 8, 1982 through January 7, 1983.

Professional Improvement Leave--Cancellation

RONALD C. ROSBOTTOM, Professor, Department of Romance Languages and Literatures, cancel professional improvement leave for Autumn Quarter 1983 and Winter Quarter 1984.

Emeritus Titles

JAMES W. BAUGHMAN, Department of Art, with the title Professor Emeritus, effective July 1, 1982.
September 3, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

BRUCE L. BENNETT, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective September 1, 1982.

JAMES K. DUNCAN, Academic Faculty of Educational Foundations and Research, with the title Professor Emeritus, effective August 1, 1982.

WILLIAM J. HOLLOWAY, Academic Faculty of Special Services, with the title Professor Emeritus, effective July 1, 1982.

RACHEL M. HUBBARD, Department of Human Nutrition and Food Management, with the title Professor Emeritus, effective August 1, 1982.

ARTHUR G. JAMES, Department of Surgery, with the title Professor Emeritus, effective July 1, 1982.

MARTHA LOUISE KING, Academic Faculty of Early and Middle Childhood Education, with the title Professor Emeritus, effective September 1, 1982.

WILLIS E. RAY, Academic Faculty of Industrial Technology, with the title Professor Emeritus, effective September 1, 1982.

STANLEY W. SMITH, Department of Zoology, with the title Professor Emeritus, effective August 1, 1982.

WILLIAM E. STAUB, Academic Faculty of Educational Administration, with the title Professor Emeritus, effective September 1, 1982.

GLOVER B. TRIPLETT, JR., Department of Agronomy, with the title Professor Emeritus, effective August 1, 1982.

MARY M. YOST, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective July 1, 1982.

EMERSON R. HATCHER, Department of Medicine, with the title Clinical Professor Emeritus, effective July 1, 1982.

RICHARD W. ZOLLINGER, Department of Surgery, with the title Clinical Professor Emeritus, effective July 1, 1982.

WENDELL P. SCOTT, Department of Obstetrics and Gynecology, with the title Clinical Associate Professor Emeritus, effective July 1, 1982.

HELEN L. SCHNEIDER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1982.
September 3, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

JEAN R. SEWELL, University Libraries (Lima Campus), with the title Assistant Professor Emeritus, effective July 1, 1982.

HAZEL W. BROWN, Academic Faculty of Special Services, with the title Instructor Emeritus, effective July 1, 1982.

JAMES ALLEN PROVOST, Academic Faculty of Vocational-Technical Education, with the title Instructor Emeritus, effective July 1, 1982.

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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RESOLUTIONS IN MEMORIAM

Resolution No. 83-21

Synopsis: Resolutions honoring the service of nine of this 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. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

William James Blackburn

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 24, 1982, of William James Blackburn, Associate Professor Emeritus in the College of Social Work.

Dr. Blackburn was born October 18, 1891, in Salem, Ohio. He received his Bachelor of Science in Social Administration degree in 1920, his Master of Arts degree in 1923, and his Doctor of Philosophy degree in 1934, all from The Ohio State University. In addition, he studied at the University of London, England, University of Leiden, Holland, and the University of Chicago.

Dr. Blackburn joined The Ohio State University faculty in the School of Social Administration as an Instructor in 1931. He was promoted to Assistant Professor in 1936 and then to Associate Professor in 1944. He retired in 1957.
RESOLUTIONS IN MEMORIAM (contd)

William James Blackburn (contd)

Dr. Blackburn was a most able member of the faculty of the School of Social Work for many years. He learned from a great variety of social service experiences in settlement neighborhoods of Columbus and Chicago and through extensive travel elsewhere in the United States and most of Western Europe. He knew well the many problems of the Italians, Blacks, Appalachians, or other new migrants struggling for a start in the urban ghetto.

Dr. Blackburn held membership in the National Association of Social Workers, National Conference of Social Welfare, American Association of University Professors, and National Probation Association.

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.

Lauren F. Brush

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 23, 1982, of Lauren F. Brush, Associate Professor Emeritus in the Academic Faculty of Accounting.

Professor Brush was born in Wisconsin, in November, 1904. Prior to coming to Ohio State, he was on the faculty at the University of Wisconsin, Syracuse University, and Louisiana State University. A CPA with two degrees earned at the University of Wisconsin, he taught the required undergraduate course in management accounting for many years. His professional area of interest was cost accounting. He was an Assistant Professor at Ohio State from 1954 until 1957 when he was promoted to the rank of Associate Professor.

Professor Brush held active memberships in the American Accounting Association and the National Association of Accountants. He had several publications and book reviews in The Accounting Review. From 1958 to 1966, he was the faculty member chiefly responsible for administering the Accounting Hall of Fame.

Professor Brush retired June, 1975, with 20 years of devoted and loyal service.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.
RESOLUTIONS IN MEMORIAM (contd)

Russell R. Clymer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 3, 1982, of Russell R. Clymer, Instructor Emeritus in the Cooperative Extension Service.

Mr. Clymer was born April 24, 1893, near Swanton, Ohio. He received his Bachelor of Science degree from The Ohio State University in 1921. He taught vocational agriculture and was assistant superintendent of schools before coming to the Cooperative Extension Service in 1928. Mr. Clymer was the County Agricultural Agent in Defiance County from 1928 until his retirement on December 31, 1957.

Mr. Clymer will long be remembered for his work in founding Camp Palmer in 1946. He also founded the Defiance-Henry Jersey Bull Association, the first bull association in northwest Ohio. He was very active in organizing and promoting various agronomy groups. Mr. Clymer received many awards for his outstanding dedication and service to the agricultural field.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Clymer 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.

Mary Jayne Dovenbarger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 14, 1982, of Mary Jayne Dovenbarger, Assistant Professor Emeritus in the Cooperative Extension Service.

Mrs. Dovenbarger was born July 22, 1915, in Columbus, Ohio. She graduated from North High School. She received her bachelor of science degree in home economics education from The Ohio State University in 1940. She served as home economics agent in Ashland County from 1942 to 1947 and again from 1972 until her retirement on May 31, 1982. Other steps in her career included home economics teacher in Butler County, state extension clothing specialist during the summer of 1947, demonstrator for the Ohio Edison Company, teacher at Ashland High School and teacher at Ashland College.

Mrs. Dovenbarger was described as an outstanding leader in Ashland County who involved the community in whatever projects that were designated to meet the needs and interests of the community.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Dovenbarger 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.
September 3, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert H. Downes

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 20, 1982, of Dr. Robert H. Downes, Associate Professor in the College of Dentistry.

Dr. Downes received his D.D.S. degree from West Virginia University College of Dentistry in 1961.

Dr. Downes was a member of the faculty of the College of Dentistry from January 1966 to the present time. He was in private practice from 1961-69.

Dr. Downes was a member of the American Dental Association, Ohio Dental Association, Columbus Dental Society and the American Association of Dental Research. He was also a member of Omicron Kappa Upsilon Dental Honorary Fraternity.

He was engaged in numerous research projects dealing with ceramic implants of teeth in conjunction with the United States Army and Battelle Memorial Institute.

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.

Leo A. Estel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 15, 1981, of Leo A. Estel, Professor Emeritus in the Department of Anthropology.

Dr. Leo Estel entered the field of anthropology rather late in life after an extensive career in the Merchant Marine. His undergraduate and graduate studies were taken at the University of California, Berkeley, where he received his Doctor of Philosophy degree in anthropology in 1950.

Dr. Estel joined The Ohio State University faculty in the Department of Sociology and Anthropology in 1950. From that time until his retirement twenty years later, Dr. Estel continued to pursue his professional interests in physical anthropology, human variability, and the peasant cultures of the Windward Islands of the Caribbean, where he conducted research on five separate occasions. Articles reporting his research findings appeared in the American Journal of Physical Anthropology and other professional publications. He was also an active member of the scholarly associations, Phi Beta Kappa and Sigma Xi, and a fellow of the American Anthropological Association.

Perhaps Dr. Estel’s greatest contribution to the University was in the area of teaching. Throughout his career he taught both graduate and undergraduate courses and showed great concern for all of his students. The outstanding quality of his teaching was acknowledged by
RESOLUTIONS IN MEMORIAM (contd)

Leo A. Estel (contd)

the University’s Distinguished Teaching Award and by the frequent praise from Ohio State University alumni who recalled his classes with great fondness. When Woody Hayes returned from visiting former OSU students serving in Viet Nam, he wrote to Dr. Estel to tell him that many of these young men had singled him out as their most outstanding teacher.

Dr. Estel’s work was a credit to the University. He will be greatly missed and fondly remembered for his professional contributions to the field of anthropology, his constant support for his colleagues, and his unflagging devotion and dedication to his students.

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.

Lawrence C. Holtkamp

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 14, 1982, of Lawrence C. Holtkamp, Instructor Emeritus in the Cooperative Extension Service.

Mr. Holtkamp was born February 6, 1909, in New Knoxville, Ohio. He received his Bachelor of Science degree from The Ohio State University in 1932. He taught vocational agriculture at Green Springs, Ohio, and West Unity, Ohio, from 1932 to 1935. He came to work for the Cooperative Extension Service in December of 1938 as Acting County Agricultural Agent in Henry County. In 1939, he was Assistant County Agricultural Agent in Hancock County and later moved to Champaign and Mercer Counties. Mr. Holtkamp served as County Agricultural Agent in Putnam County from 1940 to 1945; he then moved to Van Wert County as the County Agricultural Agent where he served until his retirement in 1969.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Holtkamp 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.

Eunice T. Kochheiser

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 9, 1982, of Eunice T. Kochheiser, Professor Emeritus in the Cooperative Extension Service.

Eunice Teal Kochheiser was born March 27, 1896, in McCordsville, Indiana. Her long career in education started at the age of 20 when she began teaching in a primary school in her
RESOLUTIONS IN MEMORIAM (contd)

Eunice T. Kochheiser (contd)

home town of McCordsville, Indiana. During the next eight years, she completed her bachelor's degree at Purdue University and taught at three other locations including Cleveland and Indianapolis before going to Montgomery County in 1924 as the home demonstration agent.

She contributed greatly to the development of the Ohio Cooperative Extension Service and its home economics programs: serving six years as an agent, two years as home economics specialist, 17 years as assistant state home demonstration leader, and then three years as supervisor. Her dedication, service and leadership won her several honors and awards including a farm foundation scholarship which she used to obtain her master of education degree at Cornell in 1948.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Kochheiser its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees.

John H. Sitterley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 11, 1982, of John Haas Sitterley, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Dr. Sitterley was born in Canal Winchester, Ohio, in 1905. His deep roots in Fairfield County agriculture provided strong support for a productive life. His pride and ambition for the development of Sitterley Farms was an important concern. This farming foundation provided him the ability to better understand many events and enabled him to relate economic, political and social change to the well-being of all people.

Eight grades of formal education were provided in a one-room school located near the home farmstead. Four years of secondary education at Lithopolis via a Model T Ford provided the foundation for enrolling at The Ohio State University. He earned a Bachelor of Science in Agriculture degree in 1928 and in that year joined the staff of the Department of Rural Economics. He received a Master of Science degree from OSU in 1932 and in 1936, became an Assistant Professor. In 1944, he received the Doctor of Philosophy degree and was promoted to Associate Professor in the Department of Rural Economics and Rural Sociology. In 1947, Dr. Sitterley became a full Professor.

For approximately fifteen years thereafter, Dr. Sitterley guided the teaching and research program in farm management and land economics. By his own efforts as a teacher and researcher and by the example he set, John Sitterley was the leader of farm management and land economics in Ohio. During this period, he served as Chairman of the North Central Region Farm Management Committee, represented the Experiment Station and the University on the State Conservation Needs Committee and for 12 years served as Secretary-Treasurer of the Ohio Society of Farm Managers and Rural Appraisers. In the Spring of
RESOLUTIONS IN MEMORIAM (contd)

John H. Sitterley (contd)

1958, Dr. Sitterley was voted by students as one of the top ten professors at The Ohio State University. In 1960, he received the OSU Alumni Award for Distinguished Teaching.

In 1964, John and his wife moved to Piracicaba, Brazil, to accept one of the most challenging and difficult assignments this University has offered. The task was to develop a relationship—to lay a foundation for building a program of educational assistance between OSU and ESALQ. Dr. Sitterley was first Chief of Party and served in that capacity for four years.

John was respected by those persons close to him, especially his department peers. As often stated by one colleague, John H. Sitterley was both a “gentleman and a scholar.” John evolved from rural America and developed the sophistication and grace to relate with comfort to all people. Not only did he enjoy a long and productive tenure of 47 years at OSU, his interest and ability to challenge and evaluate each new event was appreciated by and benefitted all. His concern for equity, truth and the well-being of people enabled Dr. Sitterley to be a most respected teacher, advisor and colleague.

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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ENROLLMENT

President Jennings:

During the Educational Affairs Committee, Mr. Chairman, we did have a very interesting report on our enrollment prospects. And judging from a comment I just heard from a reporter, I think it is worth reemphasizing that our enrollment projections are within plan; we are not expecting major declines in enrollment; we’re expecting to be within the enrollment ceilings established by the General Assembly.

--o--

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-22

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July are presented for Board acceptance.
September 3, 1982 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 Office of Business and Finance of the University, 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 agreements 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 Office of Business and Finance, 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 1982, be approved.

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

SUMMARY FOR JUNE 1982

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tr>
<td>Office of Business and Finance</td>
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<tr>
<td>The Ohio State University Research Foundation</td>
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<td>Engineering Experiment Station</td>
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The Ohio State University Development Fund

Establishment of Named Funds

The James N. George Fund
(Dr. James N. George and/or College of Medicine) $401,858.34

The Mildred S. and Noel F. George Fund
(Library - College of Law) $100,000.00
September 3, 1982 meeting, Board of Trustees

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

SUMMARY FOR JUNE 1982 (contd)

The Ohio State University Development Fund (contd)

Change in Description of Named Fund

The William Ray Flesher Professorship in Educational Administration Fund

Report from Presidents Club

Members to date 4,549
1982 members: year to date 75
New members - June 1982 12

New Presidents Club Members - June 1982

Cecilia S. Cullman (Mrs. W. Arthur)
Tom W. Davis
John E. du Pont
David C. Fontana
Robert J. Gaston
W. James Harper

Gail Klevay (Mrs. Walter J.)
James M. Palermo
Harry G. Pars
Roy A. Stambaugh
Patti D. Tewell
Lamar G. Williams

SUMMARY FOR JULY 1982

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<tr>
<th>Source</th>
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The Ohio State University Development Fund

Establishment of Named Funds

The James W. Overstreet Chair in Cardiology Fund (College of Medicine) $398,324.13
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1982 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Paissiy Endowed Professorship in Bulgarian Civilization and Culture (Department of Slavic and East European Languages and Literatures) $25,000.00

The John Scott and Della Errington Memorial Scholarship Fund (College of Agriculture and Home Economics) $24,000.00

The Alga D. "Peg" Weaver Honor Scholarship in Home Economics (School of Home Economics) $5,200.00

The Stanley W. Joehlin Award in Agricultural Engineering (Department of Agricultural Engineering) $5,000.00

Report from Presidents Club

Members to date 4,552
1982 members: year to date 87
New members - July 1982 12

New Presidents Club Members - July 1982

Fernando G. Cosio          James M. Ryan
Wayne W. Hayes             Grant E. Schmidt
Thomas H. Hisrich          Norma L. Singer
Charles W. Krallman        George L. Smith, Jr.
Joseph F. Plouffe          Matt R. Williams
Edward J. Potter, III      David S. Yohn
FOURTH QUARTER SUMMARY
April 1, 1982 through June 30, 1982

OFFICE OF BUSINESS AND FINANCE

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<th>Source</th>
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September 3, 1982 meeting, Board of Trustees

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

FOURTH QUARTER SUMMARY

April 1, 1982 through June 30, 1982

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

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<td><strong>INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS</strong></td>
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<td><strong>GRAND TOTAL</strong></td>
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FOURTH QUARTER SUMMARY
April 1, 1982 through June 30, 1982

ENGINEERING EXPERIMENT STATION

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<td>INDUSTRIAL AND OTHER</td>
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<td>$856,734.00</td>
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State of Ohio Research Contracts/Grants

$1,053,083.92 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Trade and Industrial Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1982 through June 30, 1983.

$512,003.70 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Agriculture, Department of Agricultural Education, July 1, 1982 through June 30, 1983.

$321,186.32 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Research, Survey, Evaluation and Exemplary Programs, Department of Agricultural Education, July 1, 1982 through June 30, 1983.

$311,120.23 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Distributive Education Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1982 through June 30, 1983.

$273,946.12 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Home Economics, School of Home Economics, July 1, 1982 through June 30, 1983.

$109,186.34 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Vocational Guidance and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1982 through June 30, 1983.

$105,570.23 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Business and Office Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1982 through June 30, 1983.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $2,686,096.86

Federal Research Contracts/Grants

$1,575,027.00 - 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 1982 through 30 June 1983. (Project 763976 - Continuation)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$257,807.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Transmural Transport in Blood Vessels, Department of Pathology (D. L. Fry), 1 July 1982 through 30 June 1983. (Project 763184 - New)

$240,000.00 - National Science Foundation, Washington, D. C., Establishment of a Center for Welding Research, Department of Welding Engineering (R. B. McCauley), 1 July 1982 through 30 June 1983. (Project 762389 - Continuation)

$202,740.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Regional Resource Center for Agencies Providing Educational Services for Handicapped Children in Ohio, Indiana, and Illinois, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1982 through 31 May 1983. (Project 762383 - Continuation)

$186,642.00 - 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. Martin), 14 July 1982 through 13 July 1984. (Project 762552 - Continuation)

$159,600.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., An Award for Fellowships for 1982-83 Under the Graduate and Professional Opportunities Program, Title IX (Part B) of the Higher Education Act of 1965, as Amended, Graduate School - Administration and College of Education - Administration (A. S. Pruitt), 1 September 1982 through 31 August 1983. (Project 763113 - New)

$152,239.00 - 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 1982 through 30 June 1983. (Project 761160 - Continuation)

$150,000.00 - Department of the Interior, Bureau of Mines, Washington, D. C., Mining and Mineral Resources Research Institute Annual Allotment Program, Division of Mining Engineering (C. J. Konya), 1 July 1982 through 30 June 1983. (Project 763149 - New)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$126,143.00 - 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 1982 through 30 June 1983. (Project 762797 - Continuation)

$114,534.00 - Environmental Protection Agency, Washington, D. C., DNA Damage in Human Lymphocytes as Indicators of Carcinogen Exposure, Departments of Radiology and Pharmacology (S. M. D'Ambrosio) and Department of Medicine (R. L. Whisler), 1 May 1982 through 30 April 1983. (Project 762158 - Continuation)

$113,917.00 - 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), 1 May 1982 through 30 April 1983. (Project 761128 - Continuation)

$110,000.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1982 through 31 August 1983. (Project 761850 - Continuation)

$109,855.00 - Department of Education, Division of Program Development, Dissemination and Desegregation Affairs, Washington, D. C., Continuation Application for Bilingual Teacher Education Project, Marion Campus and Academic Faculty of Early and Middle Childhood Education (V. G. Allen), 1 September 1982 through 31 August 1983. (Project 762401 - Continuation)

$105,900.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1982 through 31 July 1983. (Project 763189 - Continuation)

$105,000.00 - National Science Foundation, Washington, D. C., Effects of Temporal Context upon Attention/Perception, Department of Psychology (M. R. Jones), 15 July 1982 through 30 June 1984. (Project 763191 - New)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$99,997.00 - Department of the Air Force, Air Force Office of Scientific Research (AFSC), Bolling Air Force Base, D. C., Distributed Knowledge Base Systems for Diagnosis and Information Retrieval, Department of Computer and Information Science (R. Chandrasekaran), 30 June 1982 through 29 June 1983. (Project 763180 - Continuation)

$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 1982 through 14 June 1983. (Project 763148 - New)

$99,973.00 - 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), 1 August 1982 through 30 July 1983. (Project 761795 - Continuation)

$95,767.00 - 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. Zwilling) and Department of Pharmacology (B. D. Andresen and R. Fertel), 1 July 1982 through 31 May 1983. (Project 763192 - New)

$83,151.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Science, Research Triangle Park, North Carolina, Trihalomethanes in Water: An Epidemiologic Model, Department of Preventive Medicine (J. R. Wilkins, III), 1 July 1982 through 30 June 1983. (Project 762748 - Continuation)

$81,764.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Chemistry and Pharmacology of Thalictrum Constituents, College of Pharmacy (J. L. Beal, R. W. Doskotch and P. N. Patil), 1 July 1982 through 30 June 1983. (Project 761497 - Continuation)

$80,000.00 - National Science Foundation, Washington, D. C., American Lakes: Comparative and Paleolimnological Analyses to Test Hypotheses, Department of Zoology (P. A. Colinvaux), 1 June 1982 through 31 May 1983. (Project 762634 - Continuation)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$79,306.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Predoctoral Training in Medicinal Chemistry, College of Pharmacy (D. T. Witiak), 1 July 1982 through 30 June 1983. (Project 761123 - Continuation)

$78,149.00 - 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 1982 through 30 June 1983. (Project 760160 - Continuation)

$76,700.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1982 through 30 June 1983. (Project 762189 - Continuation)

$76,110.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Nursing, Bethesda, Maryland, Women's Health Research Program, School of Nursing (J. S. Stevenson), 1 July 1982 through 30 June 1983. (Project 762275 - Continuation)


$67,593.00 - 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 1982 through 30 June 1983. (Project 762722 - Continuation)

$66,871.00 - National Science Foundation, Washington, D. C., Environmental and Climate of the American Equator Since 18K, Department of Zoology (P. A. Colinvaux), 1 July 1982 through 30 June 1983. (Project 763164 - New)

$66,000.00 - National Science Foundation, Washington, D. C., Development of Brainstem-Spinal Systems Related to Autonomic Control, Pain Modulation and Somatic Motor Activity, Department of Anatomy (G. F. Martin), 1 September 1980 through 31 August 1983. (Project 762278 - Continuation)

$65,424.00 - 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 July 1982 through 30 June 1983. (Project 763186 - New)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$64,000.00 - National Science Foundation, Washington, D. C., Customizable Workstation Environment, Department of Computer and Information Science (J. Ramanathan), 1 July 1982 through 30 June 1984. (Project 763117 - New)

$62,804.00 - 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 1982 through 30 June 1983. (Project 762755 - Continuation)

$60,983.00 - 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 1982 through 30 June 1983. (Project 761742 - Continuation)

$60,000.00 - Department of Transportation, National Highway Traffic and Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development - Head/Neck Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 August 1982 through 31 July 1983. (Project 763173 - New)

$59,167.00 - 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), 1 July 1982 through 30 June 1983. (Project 761133 - Continuation)

$57,910.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, C-Reactive Protein Regulation of Tumor Immunity, Department of Microbiology (R. E. Mortensen), 1 July 1982 through 30 June 1983. (Project 762354 - Continuation)

$56,873.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, cAMP Inhibition of Macrophage Tumor Cell Cytotoxicity, Department of Medicine (M. S. O'Dorisio), 1 July 1982 through 30 June 1983. (Project 762898 - Continuation)

$55,384.00 - 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 1982 through 30 June 1983. (Project 762733 - Continuation)
September 3, 1982 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., Geologic and Paleontologic History of the James Ross Island Basin, Northern Antarctica Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (W. J. Zinsmeister), 1 August 1982 through 31 July 1983. (Project 762806 - Continuation)

$55,000.00 - National Science Foundation, Washington, D. C., Systematics of Egg Parasitoids of the Subfamily Telenominae Hymenoptera Scelionidae, Department of Entomology (N. F. Johnson), 1 July 1982 through 30 June 1984. (Project 763081 - New)

$54,834.00 - 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 (P. W. Murdick), 27 June 1982 through 26 June 1983. (Project 762689 - Continuation)

$54,786.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1982 through 30 June 1983. (Project 761710 - Continuation)


$46,350.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Regular Education Inservice (Comprehensive Vocational Education for All Handicapped Persons: Inservice Support for Transition from Education to Work), The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1982 through 31 May 1983. (Project 762183 - Continuation)

$41,715.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Handicapped Pre-Service Personnel Preparation--Continuation Proposal, Third Year, School of Health, Physical Education and Recreation (W. E. Ersing), 1 June 1982 through 31 May 1983. (Project 762175 - Continuation)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$39,078.00 - National Science Foundation, Washington, D. C., Journal of Money, Credit, and Banking Data Storage and Evaluation, Department of Economics (W. G. Dewald and J. G. Thursby), 1 July 1982 through 30 June 1984. (Project 763145 - New)

$33,000.00 - National Science Foundation, Washington, D. C., Decentralized Control with Low Order, Local Models, Department of Electrical Engineering (U. Ozguner), 1 July 1982 through 30 June 1984. (Project 763188 - New)

$31,902.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Pre-Clinical to Clinical Medicine: A Transitional Curriculum, Department of Medicine (L. L. Gabel), 1 July 1982 through 30 June 1983. (Project 762756 - Continuation)

$31,500.00 - National Science Foundation, Washington, D. C., Stereochemistry of Enzyme Reactions Involving a Pro-Prochiral Phosphorus Center, Department of Chemistry (M. D. Tsai), 1 July 1982 through 30 June 1983. (Project 762698 - Continuation)

$30,900.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Dean's Grant, Academic Faculty for Exceptional Children (P. A. Connard), 1 June 1982 through 31 May 1983. (Project 762170 - Continuation)

$28,350.00 - National Science Foundation, Washington, D. C., Applications of Algebraic Geometry to Quasi-Periodic Soliton Theory, Department of Mathematics (M. G. Forest and N. M. Ercolani), 1 July 1982 through 30 June 1984. (Project 763116 - New)

$28,000.00 - National Science Foundation, Washington, D. C., Kirkpatrick Basalt Group, North Victoria Land, Antarctica, Department of Geology and Mineralogy and Institute of Polar Studies (D. H. Elliot and G. Faure), 1 July 1982 through 30 June 1983. (Project 762871 - Continuation)

$24,000.00 - National Science Foundation, Washington, D. C., Fucose Synthesis and Utilization in Mammalian Tissue, Department of Biochemistry (G. S. Serif), 1 July 1982 through 30 June 1983. (Project 762042 - Continuation)

$23,600.00 - National Science Foundation, Washington, D. C., Lifting Theory Problems Associated to Dual Reductive Pairs, Department of Mathematics (S. J. Rallis), 1 July 1982 through 30 June 1984. (Project 762078 - Continuation)
Federal Research Contracts/Grants (contd)

- $20,600.00 - National Science Foundation, Washington, D. C., Sum-of-Squares Identities, Department of Mathematics (D. B. Shapiro), 1 July 1982 through 30 June 1984. (Project 763155 - New)

- $19,570.00 - 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 for Exceptional Children (R. H. Swassing), 1 June 1982 through 31 May 1983. (Project 763165 - New)

- $19,241.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Ohio State University Preservice Training Project for Special Education Personnel, Academic Faculty for Exceptional Children (P. A. Connard), 1 June 1982 through 31 May 1983. (Project 762853 - Continuation)

- $18,582.00 - 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 1983. (Project 761412 - Continuation)

- $17,357.00 - National Science Foundation, Washington, D. C., Some Problems in Probabilistic Potential Theory, Department of Mathematics (N. Falkner), 1 July 1982 through 30 June 1984. (Project 762692 - Continuation)

- $17,128.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Light Truck Side Structure Evaluation, Department of Mechanical Engineering (D. A. Guenther), 1 July 1982 through 31 December 1982. (Project 762963 - Continuation)

- $15,118.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Zero Modules and Inverse System Design, Department of Mathematics (B. F. Wyman), 1 July 1982 through 30 June 1983. (Project 762131 - Continuation)

- $15,046.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Fogarty International Center, Bethesda, Maryland, Inner Ear Study with X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 15 July 1982 through 15 January 1983. (Project 763127 - New)

- $12,825.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Traineeships, Graduate Health Administration Programs, School of Allied Medical Professions (S. F. Loebs), 1 July 1982 through 30 June 1983. (Project 763121 - New)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$10,744.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Pilot Performance and Workload Assessment: An Analysis of Pilot Errors, Department of Aviation (R. S. Jensen), 1 July 1982 through 30 September 1982. (Project 763156 - New)

$10,711.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Non-Contact Crash Data Acquisition Interface, Department of Electrical Engineering (H. Hemi), 1 March 1982 through 30 September 1982. (Project 762618 - Continuation)

$10,300.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Preservice and Inservice Training of Teachers of the Hearing Impaired in Microcomputer and Computer Graphics Techniques as an Instructional Tool in Grades K-12, Academic Faculty for Exceptional Children (S. Rose) and Department of Engineering Graphics (J. B. Waldron), 1 June 1982 through 31 May 1983. (Project 763154 - New)

$10,000.00 - National Science Foundation, Washington, D. C., The Economics of Reforestation in Energy and Food Deficient LDCS: A Case Study in Ghana, Department of Agricultural Economics and Rural Sociology (F. J. Hitzhusen), 1 July 1982 through 30 June 1983. (Project 763134 - New)

$5,988.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Psychology (R. J. Jagacinski) and Department of Aviation (R. D. Gilson), 1 July 1982 through 30 September 1982. (Project 760476 - Continuation)

$5,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Conference on Wave Propagation and Scattering, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 June 1982 through 31 May 1983. (Project 763163 - New)

$3,370.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Ohio State University Preservice/Inservice Training Project for Special Education Personnel: Optacon Inservice Workshop, Academic Faculty for Exceptional Children (J. E. Ward), 1 June 1982 through 31 May 1983. (Project 762171 - Continuation)

September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $6,908,509.00

State of Ohio Research Contracts/Grants

$75,000.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Ohio Education Deans’ Task Force for Personnel Preparation for the Handicapped, Academic Faculty for Exceptional Children (T. M. Stephens), 1 July 1982 through 30 June 1983. (Project 763187 - Continuation)

$62,004.00 - State of Ohio, Department of Education, Vocational and Career Education and School Food Service, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Academic Faculty of Labor and Human Resources (S. C. Kelley), 1 July 1982 through 30 June 1983. (Project 763183 - Continuation)

$40,500.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Ohio Education Deans' Task Force for Personnel Preparation for the Handicapped, Academic Faculty for Exceptional Children (T. M. Stephens), 1 July 1982 through 30 June 1983. (Project 763133 - New)

$9,094.00 - 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), 17 June 1982 through 30 July 1982. (Project 763151 - New)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

$4,000.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Home Energy Assistance Program, Department of Political Science (K. J. Andersen), 1 April 1982 through 1 May 1982. (Project 763119 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 190,598.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$371,974.00 - The Robert Wood Johnson Foundation, Princeton, New Jersey, Rural Infant Care Program Summary, Department of Obstetrics and Gynecology (R. O'Shaughnesssey), 1 July 1982 through 30 June 1984. (Project 762218 - Continuation)

$302,243.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry - Oral Biology (W. A. Zacherl), 1 July 1982 through 30 June 1983. (Project 762065 - Continuation)

$150,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Importance of Reactive Oxygen Species to Cell Damage, Department of Medicine (A. L. Sagone, Jr.), 1 July 1982 through 30 June 1985. (Project 763144 - New)

$125,304.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Administration (W. A. Zacherl), 1 July 1982 through 30 June 1983. (Project 760029 - Continuation)

$119,968.00 - The Procter and Gamble Company, Cincinnati, Ohio, Selective Hydrogenation Catalysts from Supported Mono- and Bi-Metallic Complexes of Chelating Triphosphines, Department of Chemistry (D. W. Meek), 1 July 1982 through 30 June 1985. (Project 763152 - New)

$110,000.00 - Rockwell International North American Aircraft Operations, Los Angeles, California, Radar Cross Section of Air Craft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 25 April 1982 through 30 September 1982. (Project 762982 - Continuation)

$82,979.00 - City of Columbus, Department of Public Service, Division of Water, Columbus, Ohio, Study the Presence, Distribution and Control of Legionella in the Columbus Water Distribution System and University Hospital, Department of Microbiology (M. S. Rheins and O. H. Tuovinen) and Department of Medicine (J. F. Plouffe), 1 June 1982 through 31 May 1983. (Project 763082 - New)
September 3, 1982 meeting, Board of Trustees

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

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

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>$81,860.00</td>
<td>Hospital Financial Management Association, Oak Brook, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, School of Allied Medical Professions (W. O. Cleverley), 1 July 1982 through 30 June 1983. (Project 761794 - Continuation)</td>
</tr>
<tr>
<td>$47,466.00</td>
<td>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 1982 through 30 June 1983. (Project 763176 - Continuation)</td>
</tr>
<tr>
<td>$44,456.49</td>
<td>Various Pharmaceutical Labs, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, and J. L. Plouffe), 1 March 1982 through 28 February 1983. (Project 763020 - Continuation)</td>
</tr>
<tr>
<td>$43,886.00</td>
<td>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), 21 June 1982 through 31 December 1982. (Project 763175 - New)</td>
</tr>
<tr>
<td>$38,915.00</td>
<td>Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1982 through 30 September 1983. (Project 762866 - Continuation)</td>
</tr>
<tr>
<td>$35,340.00</td>
<td>University of California, Davis, California, Physiology of Buoyancy Regulation, Department of Chemistry (L. J. Greenwald), 1 July 1982 through 30 June 1983. (Project 763146 - New)</td>
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<tr>
<td>$31,925.00</td>
<td>Smith Kline and 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 July 1982 through 31 January 1983. (Project 763185 - New)</td>
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<tr>
<td>$30,250.00</td>
<td>American Heart Association, Inc., Dallas, Texas, Peripheral Circulation-Neural Control in Normal and SHR Rats, Department of Physiology (J. A. Boulant), 1 September 1982 through 31 August 1983. (Project 762709 - Continuation)</td>
</tr>
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Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$25,690.00 - DNA Clinical Research Corporation, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (R. E. Stephens and P. D. Lipetz), 11 June 1982 through 10 September 1982. (Project 762992 - Continuation)

$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Chemistry (M. S. Platz), 16 September 1982 through 15 September 1984. (Project 763171 - New)

$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Physics (C. Jayaprakash), 16 September 1982 through 15 September 1984. (Project 763172 - New)

$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Application for Young Investigator Research Position Award, College of Pharmacy (J. J. MacKichan), 1 July 1982 through 30 June 1983. (Project 762641 - Continuation)

$23,870.00 - American Heart Association, Inc., Dallas, Texas, Biochemical and Structural Analysis of Cardiac Z-Line, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1982 through 30 June 1983. (Project 762325 - Continuation)

$23,528.00 - Ministry of Education, Taipei, Taiwan, Special Education Training Program, Academic Faculty for Exceptional Children (T. M. Stephens and R. H. Swassing), 1 June 1982 through 30 June 1982. (Project 763132 - New)

$22,482.00 - Schering Corporation, Kenilworth, New Jersey, A Placebo Controlled Clinical Trial of Sch 19927 Ophthalmic Solutions, 0.5% and 0.25% in Ocular Hypertensives, Department of Ophthalmology (P. A. Weber), 1 July 1982 through 31 October 1982. (Project 763167 - New)

$21,600.00 - Sterling-Winthrop Research Institute, Rensselaer, New York, Clinical Plan for WIN 47,203 for Canine Congestive Heart Failure, Department of Veterinary Clinical Sciences (J. D. Bonagura), 15 June 1982 through 14 June 1983. (Project 763178 - New)

$18,993.00 - American Otological Society, Inc., Bronx, New York, Histochemical Ultrastructural and X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 1 July 1982 through 30 June 1983. (Project 762789 - Continuation)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$18,927.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. M. Benson), 1 October 1982 through 30 September 1983. (Project 763174 - Continuation)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Active Changes in the Characteristic Impedance of the Aorta, Department of Physiology (J. P. Dujardin), 1 October 1982 through 30 September 1983. (Project 762706 - Continuation)

$18,000.00 - 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), 1 October 1982 through 30 September 1983. (Project 763120 - New)

$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 1982 through 30 September 1983. (Project 763115 - New)

$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Lipid Peroxides - Endothelial Injury - Atherosclerosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1982 through 30 September 1983. (Project 763157 - 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 1982 through 30 September 1983. (Project 763136 - New)

$17,979.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Blood Flow/Enzyme Activity Effects on Antiarrhythmic Kinetics, College of Pharmacy (J. J. Mackichan), 1 July 1982 through 30 June 1983. (Project 762678 - Continuation)

$15,050.00 - Ohio Wesleyan University, Delaware, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 15 August 1982 through 30 June 1983. (Project 763170 - Continuation)

$13,300.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. M. Benson), 1 January 1982 through 30 September 1982. (Project 763179 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$13,000.00 - Smith Kline and French Laboratories, Philadelphia, Pennsylvania, Expansion Clinical Use of "Ridaura" (Auranofin), Department of Medicine (R. L. Whisler), 14 January 1982 through 13 January 1983. (Project 763125 - New)

$12,352.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Significance of the Site of Ventricular Ectopy, Department of Medicine (T. Bashore), 1 July 1982 through 30 June 1983. (Project 763143 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Coronary Artery Angioplasty, Prostaglandins, and Platelets, Department of Medicine (D. V. Unverferth and R. A. Stine), 1 October 1982 through 30 September 1983. (Project 763142 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Diaphragmatic Physiology in Heart Failure, Department of Medicine (C. V. Leier and G. F. Dixon), 1 July 1982 through 30 June 1983. (Project 763141 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effects of Capsaicine on Total Serum, Myocardial, Aortic and Cerebro-Vascular Cholesterol Levels, Department of Anatomy (J. A. Negulesco), 1 October 1982 through 30 September 1983. (Project 763114 - New)

$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Quantitative Histology of Human Congestive Cardiomyopathy, Department of Pathology (P. B. Baker) and Department of Medicine (B. J. Unverferth), 1 October 1982 through 30 September 1983. (Project 763135 - New)

$10,776.00 - Miles Pharmaceuticals, West Haven, Connecticut, Penicillins and Platelet Aggregation, Department of Medicine (R. J. Fass), 1 May 1982 through 30 April 1983. (Project 763181 - New)

$10,260.00 - Eli Lilly and Company, Indianapolis, Indiana, Research in Infectious Disease, Department of Medicine (R. L. Perkins, R. J. Fass, and J. L. Plouffe), 1 March 1982 through 28 February 1983. (Project 763020 - Continuation)

$9,750.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Coronary Artery Angioplasty, Prostaglandins, and Platelets, Department of Medicine (D. V. Unverferth and R. A. Stine), 1 July 1982 through 31 December 1982. (Project 763140 - New)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$9,750.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Histologic and Biochemical Correlates of Diastolic Function, Department of Medicine (T. M. Bashore and D. J. Magorien), 1 July 1982 through 31 December 1982. (Project 763147 - New)

$9,750.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Investigation of Orthostatic Hypotension in Mitral Valve Prolapse Syndrome, Department of Medicine (C. F. Wooley and J. M. Rogers), 1 July 1982 through 31 December 1983. (Project 763139 - New)

$9,223.00 - Capital University, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 September 1982 through 30 May 1983. (Project 763168 - Continuation)

$9,000.00 - Cancer Therapy and Research Center, San Antonio, Texas, Southwest Oncology Group (Subcontract), Department of Medicine (S. P. Balcerzak), 1 January 1982 through 31 December 1982. (Project 763118 - New)

$8,526.00 - Gravitek, Inc., Boston, Massachusetts, Pregnancy Test Evaluation, Department of Obstetrics and Gynecology (V. C. Stevens), 1 May 1982 through 1 November 1982. (Project 763190 - New)


$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Lipoprotein Regulation of Macrophage Antitumor Activity, Department of Microbiology (B. S. Zwilling) and Department of Pathology (H. A. Newman), 1 July 1982 through 30 June 1983. (Project 763169 - New)


$5,000.00 - National Training Fund for the Communications Industry, Washington, D. C., Technical Assistance to the National Training Fund for the Communications Industry, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 28 February 1983. (Project 768050 - Continuation)

$4,200.00 - General Electric Foundation, Fairfield, Connecticut, Educators in Industry Workshop, Academic Faculty of Special Services (J. V. Wigtil), 1 June 1982 through 31 August 1982. (Project 763074 - New)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

- $3,707.00 - Chemical Abstracts Service, Division of The American Chemical Society, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval System, Department of Psychology (H. Shulman), 16 June 1982 through 15 August 1982. (Project 762213 - Continuation)

- $2,650.00 - State of Wisconsin, Department of Public Instruction, Madison, Wisconsin, Technical Assistance for the State of Wisconsin Department of Public Instruction, The National Center for Research in Vocational Education (R. E. Taylor), 15 June 1982 through 1 September 1982. (Project 768038 - New)

- $2,176.00 - Veterinary Orthopedic Society, Salt Lake City, Utah, Normal and Abnormal Canine Stifle Motion as Evaluated by an Instrumented Kinematic Chain (Goniometer), Department of Veterinary Clinical Sciences (M. L. Olmstead), 1 June 1982 through 31 May 1983. (Project 763177 - New)


- $1,600.00 - SME Manufacturing Engineering Education Foundation, Dearborn, Michigan, Equipment for Industrial and Systems Engineering Computer and Control Laboratory, Department of Industrial and Systems Engineering (R. S. Ahluwalia), 1 May 1982 through 30 April 1983. (Project 763131 - New)

- $1,000.00 - Lewis Clark State College, Lewiston, Idaho, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1971 through 30 June 1982. (Project 761599 - Continuation)

- $500.00 - Greater Columbus Arts Council, Columbus, Ohio, Africa and the West: The Challenge of African Humanism, Department of Romance Languages and Literatures (R. Bjornson) and Department of Black Studies (I. Mowoe), 6 March 1982 through 30 June 1982. (Project 763129 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $2,202,392.82

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

- $235,677.00 - Ten sponsors for 16 development projects under the direction of five engineering departments and research areas.
Establishment of Named Funds

The James N. George Fund

The James N. George Fund was established September 3, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from 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 is to be made available for the use of Dr. James N. George, Professor of Medicine at The University of Texas Health Science Center at San Antonio as long as he is an active member of the university faculty. The income would also be available for Dr. George's use should he become an active member of any other university faculty. During that time, the annual income is to be used by Dr. George for research and training in hematology.

When Dr. George retires or, if prior thereto, he indicates no further use for the funds, they will remain with The Ohio State University College of Medicine. The entire fund will then be used to endow a faculty chair in the College of Medicine. The use of the faculty chair shall be left to the discretion of the Dean of the College of Medicine.

The Mildred S. and Noel F. George Fund

The Mildred S. and Noel F. George Fund was established September 3, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Kaplan-Halpert Foundation of Cleveland, Ohio through the generosity of Noel F. George ('32 Law), a trustee of the Foundation, on the occasion of his 50th Anniversary of graduation from the College of Law.

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

The annual income is to be used to provide support for the Library in the College of Law at the discretion of the Dean 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 legal education.
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund

The William Ray Flesher Professorship in Educational Administration Fund

The William Ray Flesher Professorship in Educational Administration Fund was established June 10, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Marie Adamson Flesher, M.A. '35, Ph.D. '51, in memory of her late husband, William Ray Flesher, M.A. '35, Ph.D. '42, of Little Rock, Arkansas. Both Ors. Flesher served the University with distinction for many years. The name of the fund will be changed to “The William Ray and Marie Adamson Flesher Professorship in Educational Administration” after the demise of Dr. Marie A. Flesher.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 support for the work of a distinguished scholar in the field of educational administration. Appointment to the Flesher Professorship will be recommended by the Dean of the College of Education 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 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 educational administration.
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - July 1982

Federal Research Contracts/Grants

$604,027.00 - Department of Health and Human Services, Public Health Service, Health Services Administration, 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 1982 through 30 June 1983. (Project 761169 - Continuation)

$410,503.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support Development Grant, Cancer Research Center (C. J. Cavalaris), 1 July 1982 through 30 June 1983. (Project 761832 - Continuation)

$190,600.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center Support and Fellowships for Slavic and East European Studies, Department of Slavic and East European Languages and Literatures (L. I. Twarog) and Graduate School - Administration (J. B. LaPidus), 15 August 1982 through 14 August 1983. (Project 762823 - Continuation)

$162,676.00 - Department of Health and Human Services, Office of Human Development Services, Administration of Developmental Disabilities, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1982 through 29 June 1983. (Project 760751 - Continuation)

$161,888.00 - 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), 1 July 1982 through 30 June 1983. (Project 763166 - New)

$143,312.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowships Program - East Asia, University Center for International Studies (J. S. Adams), Department of Anthropology (C. M. Chen), and Graduate School - Administration (J. B. LaPidus), 15 August 1982 through 14 August 1983. (Project 762844 - Continuation)

$130,031.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., Upward Bound, Office of Minority Affairs (R. T. McDonald), 1 September 1982 through 31 August 1983. (Project 762324 - Continuation)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$129,114.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Rehabilitative Services, Washington, D. C., Training Cost in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. W. Johnson), 1 July 1982 through 30 June 1983. (Project 760750 - New)

$122,069.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Organelle Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1982 through 31 July 1983. (Project 760122 - Continuation)

$110,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1982 through 30 June 1983. (Project 761501 - Continuation)

$108,716.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Liposome-Macrophage Activating Factor for Clinical Use, Department of Medicine (J. J. Rinehart and C. Whitacre) and Department of Microbiology (B. Zwillling), 1 July 1982 through 30 June 1983. (Project 763199 - New)

$106,160.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Special Services Program for Disadvantaged Students, University College - Administration (M. A. Stewart), 1 September 1982 through 31 August 1983. (Project 762867 - Continuation)

$99,000.00 - National Science Foundation, Washington, D. C., Syntheses and Studies of Selected Metal Carbonyl and Metallocarbene Cluster Systems, Department of Chemistry (S. G. Shore), 9 July 1982 through 31 August 1983. (Project 761767 - Continuation)

$95,109.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Chymotrypsin Decylation - An In-Depth Study, Department of Chemistry (M. H. Klapper), 1 July 1982 through 30 June 1983. (Project 763200 - New)

$94,988.00 - 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 1982 through 30 June 1983. (Project 763194 - New)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$86,990.00 - Department of Education, Office of Higher and Continuing Education, Office of Special Education, Washington, D. C., National Resource Center and Fellowships Program - Near and Middle East, University Center for International Studies (J. S. Adams), Department of History (S. Dale), and Graduate School - Administration (J. B. LaPidus), 15 August 1982 through 14 August 1983. (Project 762845 - Continuation)


$85,026.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effector Mechanisms in Allergic Encephalomyelitis, Department of Medicine (C. C. Whitacre) and Department of Pathology (A. J. Yates), 1 July 1982 through 30 June 1983. (Project 763206 - New)

$79,394.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Development and Use of Anucleated Bacterial Cells to Assay the *in Vivo* Activity of Pollutants, Department of Microbiology (J. N. Reeve), 1 August 1982 through 31 July 1983. (Project 762592 - Continuation)

$77,568.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1982 through 30 June 1983. (Project 761210 - Continuation)

$76,095.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Felv Leukemogenesis and Pheneoplastic Lesions, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1982 through 30 June 1983. (Project 762826 - Continuation)

$75,136.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Kinematically Redundant Robotic and Biological Systems, Department of Mechanical Engineering (N. Berne) and Department of Electrical Engineering (C. A. Klein, S. Koozekanani, and R. B. McGhee), 15 July 1982 through 14 July 1983. (Project 763208 - New)
Federal Research Contracts/Grants (contd)

$72,794.00 - 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 1982 through 30 June 1983. (Project 762298 - Continuation)

$68,200.00 - National Science Foundation, Washington, D. C., Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 1 July 1982 through 30 June 1983. (Project 762691 - Continuation)

$65,000.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey) 1 July 1982 through 30 June 1983. (Project 762751 - Continuation)

$64,721.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Studies of Seminal Plasma Immune Response Inhibitor, Department of Medical Microbiology and Immunology (C. Prakash), 1 May 1982 through 30 April 1983. (Project 762167 - Continuation)

$62,609.00 - 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 1982 through 30 June 1983. (Project 760708 - Continuation)

$61,000.00 - 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 1982 through 30 June 1983. (Project 762786 - Continuation)

$59,416.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (S. F. Loebs), 1 October 1982 through 30 September 1983. (Project 761329 - Continuation)

$58,466.00 - National Science Foundation, Washington, D. C., The Utilization of Electrochemical Reactions and Electrochemically Derived Products in Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 September 1982 through 31 August 1983. (Project 762305 - Continuation)
Federal Research Contracts/Grants (contd)

$57,757.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing (E. L. Fritz), 1 July 1982 through 30 June 1983. (Project 760803 - Continuation)

$51,212.00 - National Science Foundation, Washington, D. C., Maintenance of the Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 August 1980 through 31 July 1983. (Project 762225 - Continuation)

$50,482.00 - National Science Foundation, Washington, D. C., Ultrastructure of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 October 1982 through 30 September 1983. (Project 762215 - Continuation)

$45,664.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of Low Cost Filler Materials for Welding High Strength Steels, Department of Welding Engineering (D. G. Howden), 1 January 1982 through 31 August 1982. (Project 762890 - Continuation)

$44,195.00 - 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 1982 through 30 June 1983. (Project 763196 - New)

$42,024.00 - Department of Education, Office of Education Research and Improvements, Fund for the Improvement of Postsecondary Education, Washington, D. C., Cooperative On-Site Instruction Program for Columbus Business and Industry, Office of Academic Affairs, Continuing Education Administration (A. E. Adams and M. M. Garland), 1 September 1982 through 31 August 1983. (Project 762861 - Continuation)

$39,771.00 - National Science Foundation, Washington, D. C., Information Aspects of the Adoption and Diffusion of an Innovation, Department of Economics (R. A. Jensen), 1 July 1982 through 30 September 1983. (Project 763204 - New)

$38,000.00 - Department of the Army, Cold Regions 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), 19 July 1982 through 18 July 1983. (Project 762749 - Continuation)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$36,302.00 - 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 1982 through 31 August 1983. (Project 763219 - New)

$35,893.00 - National Science Foundation, Washington, D. C., Collaborative Research on a Monographic Study of the Genus Coreopsis (Compositae), Department of Botany (D. J. Crawford), 15 August 1982 through 14 August 1983. (Project 762328 - Continuation)


$29,911.00 - National Science Foundation, Washington, D. C., EEA, A Differentiation Enhancing Factor in Acanthamoeba: Characterization, Synthesis, and Fate, Department of Microbiology (T. J. Byers), 1 August 1980 through 31 July 1983. (Project 762309 - Continuation)

$27,700.00 - National Science Foundation, Washington, D. C., Geometric Topology and Homotopy Theory, Department of Mathematics (D. Burghelea and J. A. Neisendorfer), 1 July 1982 through 30 June 1983. (Project 762777 - Continuation)


$23,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies of the Distribution, Disposition and Metabolism of Antineoplastic Agents, College of Pharmacy (L. Malspeis), 15 June 1982 through 14 September 1982. (Project 761876 - Continuation)


$19,104.00 - National Science Foundation, Washington, D. C., Cooperative Research Program in Nuclear Astrophysics and Time Reversal Invariance in Proton Elastic Scattering, Department of Physics (T. R. Donoghue), 15 July 1982 through 31 July 1984. (Project 763220 - New)
Federal Research Contracts/Grants (contd)

$12,981.00 · Department of the Army, Ballistics Missile Defense Systems Command, Huntsville, Alabama, Research on Fast Semiconductor Infrared Optical Spatial Light Modulators, Department of Electrical Engineering (M. O. Thurston) and Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 1 October 1980 through 30 June 1981. (Project 762090 · Continuation)

$12,000.00 · National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. A. Wojcicki), 1 July 1982 through 31 December 1982. (Project 761787 · Continuation)

$11,572.00 · Department of the Interior, Geological Survey, Reston, Virginia, Analysis and Evaluation of Water Quality Data in the Ohio River Basin, Department of Civil Engineering (E. E. Whitlatch and R. M. Sykes), 1 June 1982 through 30 September 1982. (Project 762051 · Continuation)

$8,490.00 · Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Construction of Vehicle Tracking--Phase II, Department of Electrical Engineering, ElectroScience Laboratory (D. E. Svoboda), 1 July 1982 through 30 September 1982. (Project 763034 · Continuation)

$8,357.00 · Environmental Protection Agency, Chicago, Illinois, Phosphorus Fertility Management Demonstration Project for Defiance Area Soils High in Available Phosphate, Cooperative Extension Service - State Operations (T. L. Jones and M. E. Kroetz) and Department of Agronomy (T. J. Logan), 1 July 1982 through 30 June 1984. (Project 763213 · New)

$5,115.00 · National Science Foundation, Washington, D. C., Systematics of Liatris (Compositae), Series Graminifoliae, Department of Botany (D. J. Crawford), 15 August 1982 through 31 July 1984. (Project 763212 · New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $4,423,177.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$173,092.00 · Central Soya, Fort Wayne, Indiana, Potential Prophylactic Dietary Role of Lecithin in Repressing 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 30 September 1983. (Project 763203 · New)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$166,100.00 - 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 1982 through 30 June 1983. (Project 760113 - Continuation)

$128,045.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Early Childhood Classes, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 September 1982 through 30 August 1983. (Project 763218 - Continuation)

$118,714.00 - Hannah Neil Center for Children, Columbus, Ohio, Implementing Behavioral Treatment Activities: A Joint Exceptional Children/Physical Education Internship, School of Health, Physical Education and Recreation (C. L. Mand) and Academic Faculty of Exceptional Children (J. O. Cooper), 1 July 1982 through 30 June 1983. (Project 763153 - Continuation)

$68,534.00 - Pennwalt Corporation, Rochester, New York, Insect Cell Culture, Department of Entomology (W. F. Hink), 1 May 1982 through 30 April 1983. (Project 762159 - Continuation)

$63,620.00 - A. H. Robins Company, Richmond, Virginia, Guaifenesin (AHR-9659) Intravenous Toxicity Study in Horses, Department of Veterinary Clinical Sciences and Department of Veterinary Physiology and Pharmacology (W. W. Muir, III), 15 August 1982 through 15 February 1983. (Project 763193 - New)

$48,000.00 - Gas Research Institute, Chicago, Illinois, Limitations on the Efficiency of the Solar Photoreduction of Carbon, Department of Biochemistry (R. T. Ross), 1 June 1982 through 31 December 1982. (Project 763124 - New)

$46,963.00 - Adria Laboratories, Columbus, Ohio, Investigation of the Microbiological Modification of Anthracycline, Department of Microbiology (W. R. Strohl), 1 July 1982 through 30 June 1983. (Project 762765 - Continuation)

$41,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 July 1982 through 31 December 1982. (Project 761965 - Continuation)

$37,913.00 - Defiance 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 1982 through 31 July 1984. (Project 762509 - Continuation)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$34,524.26 - E. I. duPont, Wilmington, Delaware, Rising Dose Tolerance and Pharmacokinetic Study with Single Doses of EN 212 (32 mg. 48 mg. 64 mg.) (M-10), Department of Pharmacology (J. R. Bianchine), 1 March 1982 through Indefinite. (Project 763104 - Continuation)

$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 1982 through 30 June 1983. (Project 764472 - Continuation)

$25,834.61 - Pfizer, Inc., Groton, Connecticut, Phase I Two-Part Escalating Single Blind Placebo Controlled Randomized Tolerance and Open Randomized Bioavailability Study of an Oral Formulation of Levonantradol (CP-50, 556) in Normal Volunteers (61-2), Department of Pharmacology (J. R. Bianchine), 1 March 1982 through Indefinite. (Project 763104 - Continuation)


$18,334.01 - Riker Laboratories, Inc., St. Paul, Minnesota, Comparative Absorption of a Single Dose of Norgesic Forte and of Orphenadrine Dihydrochloride/Aspirin Solution and Comparison of Salicyclic Acid Levels Following Multiple Oral Doses of Norgesic Forte and of Aspirin, Department of Pharmacology (J. R. Bianchine), 1 March 1982 through Indefinite. (Project 763104 - Continuation)

$15,026.00 - Xenia City Schools, Xenia, Ohio, A Proposed Educational Facility Plan for the Xenia, Ohio, City School District Developed in Concert with a Citizens' Facility Committee, Academic Faculty of Educational Administration (L. H. Wagstaff), 30 June 1982 through 31 July 1983. (Project 763201 - New)

$14,480.00 - National Cash Register, NCR Central Technical Education Center, Miamisburg, Ohio, Development of a Criterion Referenced Training Course, Academic Faculty of Vocational-Technical Education (A. J. Miller), 15 June 1982 through 1 September 1982. (Project 763215 - Continuation)

$10,975.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Assistant Self-Assessment, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 July 1982 through 30 September 1982. (Project 763054 - Continuation)
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$10,000.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Carbon Monoxide Activation by Organoactinide Complexes: A Molecular Orbital Investigation, Department of Chemistry (B. E. Bursten), 1 June 1982 through 31 August 1984. (Project 763195 - New)


$6,269.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Centers (AHEC), College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1981 through 30 September 1982. (Project 762889 - Continuation)

$5,198.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 September 1982 through 30 May 1983. (Project 763197 - Continuation)

$2,500.00 - Central Ohio Kidney Foundation, Columbus, Ohio, Characterization of Familial Renal Amyloidosis in Abyssinian Cats, Department of Veterinary Clinical Sciences (S. P. DiBartola, D. J. Chew, and J. T. Boyce), 1 July 1982 through 30 June 1983. (Project 763214 - New)

$2,000.00 - Olympia Technical Community College, Olympia, Washington, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

$1,820.00 - Northern Arizona University, Flagstaff, Arizona, Technical Assistance for the Northern Arizona University, The National Center for Research in Vocational Education (R. E. Taylor), 21 July 1982 through 30 September 1982. (Project 768040 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,109,749.68
September 3, 1982 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State Sponsored Research

$74,025.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for "Evaluation of Delineation Treatments: A Preliminary Study," Transplex, July 1, 1982 through July 14, 1983. (EES 529627)

$62,773.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for "Research in Analytical Photogrammetry in Application to Transportation Surveys," Transplex, July 1, 1982 through June 30, 1983. (EES 529625, Extension 1)

$54,940.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for "Evaluation of Sulfur-Asphalt Paving Mixtures in Ohio: A Laboratory and Field Investigation," Transplex, May 1982 through July 31, 1983. (EES 529070, Extension 4)

TOTAL - STATE SPONSORED RESEARCH $191,738.00

Industrial and Other Sponsored Research and Development

$280,509.00 - Fifty sponsors for 55 development projects under the direction of six engineering departments and research areas.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

$60,000.00 - U. S. Department of Agriculture, Agricultural Research Service, Peoria, Illinois, continued support of a study on influence of flooding on corn cultivar growth and development, Department of Agronomy, to June 30, 1984. (Contract No. 58-519-8-1-1109)

$7,000.00 - Grants Administration Management Office, Science and Education Administration, U. S. Department of Agriculture, North Central Region Pesticide Impact Assessment Program, Washington, D. C., support of a study on applicator and follow-up worker exposure to selected pesticides after high- and low-volume applications in greenhouses, Departments of Entomology and Plant Pathology, April 1, 1982 to March 31, 1983.

$2,000.00 - National Park Service RMRO, Denver, Colorado, support of a study on forest responses to anthropogenic stress in the Cuyahoga Valley National Recreation Area, Laboratory for Environmental Studies, July 15 to December 31, 1982. (Contract No. P. O. PX 2000-2-0874)

TOTAL - FEDERAL CONTRACTS/GRANTS $ 69,000.00
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Industrial Contract/Grant

$18,000.00 - Ross Laboratories, Columbus, Ohio, support of a study on protection of germfree pigs against a heterologous strain of *E. coli* by "immune" bovine colostrum, Department of Veterinary Science, April 1, 1982 to March 31, 1983.

Gifts

- $13,700 from FMC Corporation, Princeton, New Jersey
- $ 7,000 from Ohio Pork Producers Council, Westerville, Ohio
- $ 6,000 from Domain, Inc., New Richmond, Wisconsin
- $ 6,000 from Ohio Foundation Seeds, Inc., Croton, Ohio
- $ 5,400 from Hybrid Turkeys Ltd., Kitchener, Ontario, Canada

TOTAL - GIFTS $38,100.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

- $192,462.00 Kaplan Halpert Foundation, Inc., Columbus, Ohio, for Jack M. George Fund.
- $ 54,111.88 Louise Orr Scott Foundation, Columbus, Ohio: $40,583.91 for William Craig Orr and Mary Black Orr Scholarship in Medicine and $13,527.97 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.
- $ 34,498.82 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
- $ 30,000.00 Ohio Seed Improvement, Dublin, Ohio, for Special Events.
- $ 27,357.72 University Eye Surgeon, Inc., Columbus, Ohio, for Eye Bank Fund.
- $ 20,877.48 Seward Schooler, Coshocton, Ohio: $15,000.00 for Reese Arthritis Research Fund; $3,750.00 for Presidents Club Special Fund; $1,000.00 for OSU National Merit Scholarship Fund; $1,000.00 for Student Athlete Grant-in-Aid Fund; $127.48 for Special Projects Fund.
- $ 19,922.25 Sisa, Inc., Cambridge, Massachusetts, for Pharmacology Development Fund.
- $ 19,611.70 Retinal Consultants, Columbus, Ohio: $17,092.97 for Retina Research Fund and $2,518.73 for Ophthalmology Photography Fund.
September 3, 1982 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)

$ 18,000.00 American Society Hospital Pharmacists Research and Education Foundation, Bethesda, Maryland, for Critical Care Fellowship.

$ 16,671.88 William Havener, Columbus, Ohio, for Ophthalmology Teaching Fund.

$ 16,200.00 Dow Chemical USA, Midland, Michigan: $7,000.00 for Soil Fertility Research; $5,000.00 for Dow Lecture Program; $3,000.00 for Dow Research Fellowship Fund; $1,200.00 for Soy Bean Production.

$ 15,000.00 Huntington National Bank, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$ 15,000.00 Porter, Wright, Morris & Arthur, Columbus, Ohio, for Joseph S. Platt--Porter, Wright, Morris and Arthur Fund.

$ 14,400.00 Trust Under the Will of Anna Roessler, Columbus, Ohio, for Roessler Memorial Medical Scholarship Fund.

$ 10,000.00 Michaels Finer Meats, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

$ 9,300.00 Union Carbide, New York, New York: $6,000.00 for Agronomy Weed Research Fund; $3,000.00 for Professorship in Plant Protection; $300.00 for Horticulture Weed Control Research Fund.

$ 8,240.00 Standard Oil Company, Cleveland, Ohio: $7,500.00 for Agriculture Research Fund; $340.00 for Student Athlete Grant-in-Aid Fund; $200.00 for Cancer Research Center; $150.00 for undesignated purposes; $50.00 for Friends of the Libraries.

$ 7,675.00 Sterling Drug, New York, New York, for Reye's Syndrome.

$ 7,500.00 Steers, Needham Harper, New York, New York, for WOSU Support Fund.

$ 7,104.01 Robert Ewing, Monroe, Michigan, for College of Medicine Progress Fund.

$ 7,000.00 Oncology, Inc., Columbus, Ohio, for Cancer Research - Dr. Minton.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of $5,000 or More (contd)

$ 7,000.00  Rohm & Haas Company, Philadelphia, Pennsylvania, for Rohm & Haas Chemistry Fund.

$ 6,034.00  Donald Shackelford, Gahanna, Ohio: $1,667.00 for College of Medicine Progress Fund; $1,667.00 for Tzagournis Research Fund; $1,666.00 for Faculty Seminar-Medicine; $1,000.00 for Student Athlete Grant-in-Aid Fund; $34.00 for Friends-Special Events.

$ 6,000.00  Duriron Company, Inc., Dayton, Ohio, for Mars G. Fontana Endowment Fund.

$ 5,800.31  Ford Motor Company Fund, Dearborn, Michigan: $3,500.00 for Presidents Club Special Fund; $1,045.31 for College of Administrative Science Fund; $600.00 for undesignated purposes; $200.00 for Engineering College Special Fund; $160.00 for Glenn W. McCuen Scholarship; $100.00 for Ag-Econ Fund; $100.00 for Women Engineers; $50.00 for Agriculture Engineering Support Fund; $35.00 for Friends of Orton Hall; $10.00 for Student Athlete Grant-in-Aid Fund.

$ 5,495.07  Lions Eye Research, Columbus, Ohio, for Lions Club Blind Research.

$ 5,046.83  Paul A. Weber, M.D., Inc., Columbus, Ohio, for Glaucoma Research Fund.

$ 5,000.00  Grand Aerie, Eagles Fraternal Order, Columbus, Ohio, for Eagles Fund-Cardiology.

$ 5,000.00  Charlotte Huck, Columbus, Ohio, for Education 75th Anniversary Campaign.

$ 5,000.00  Mid America Community Hospital Association, for College of Medicine Progress Fund.

$ 5,000.00  Estate of Donald Power, Galloway, Ohio, for Tzagournis Research Fund.

$ 5,000.00  Webster Foundation, Inc., Tiffin, Pennsylvania, for Cullman Business Policy Fund.
September 3, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

<table>
<thead>
<tr>
<th>Amount</th>
<th>Organization</th>
<th>Description</th>
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<tbody>
<tr>
<td>$349,000.00</td>
<td>Battelle Memorial Institute</td>
<td>Subsonic Wind Tunnel</td>
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<td>Columbus, Ohio</td>
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<tr>
<td>$ 80,000.00</td>
<td>Ralston Purina</td>
<td>Electronic Automatic Dispersive Spectrometer</td>
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<td></td>
<td>St. Louis, Missouri</td>
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<td>$ 27,200.00</td>
<td>John Du Pont</td>
<td>A large folio of original Milton Caniff drawings</td>
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<td>Newton Square, Pennsylvania</td>
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<td>$ 23,095.00</td>
<td>Toledo Scale Company</td>
<td>Computer equipment</td>
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<td>Westerville, Ohio</td>
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<td>$ 18,000.00</td>
<td>Design, Inc., Advance Electronics</td>
<td>Computer graphics display hardware</td>
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<td>Sunnyvale, California</td>
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<td>$ 11,330.00</td>
<td>Sheila Oscar</td>
<td>Nine antique maps</td>
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<td>Chicago, Illinois</td>
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<tr>
<td>$  9,000.00</td>
<td>David Evans</td>
<td>PS300 Evans &amp; Sutherland Computer Graphics System</td>
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<tr>
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<td>Salt Lake City, Utah</td>
<td></td>
</tr>
<tr>
<td>$  7,446.00</td>
<td>Clyde Cooper</td>
<td>438 glass mounted slides of parasites; 302 slides of mounted specimens of parasite helminths; 6,600 specimens of camallanus oxycethalus</td>
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<tr>
<td></td>
<td>Columbus, Ohio</td>
<td></td>
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Establishment of Named Funds

The James W. Overstreet Chair in Cardiology Fund

The James W. Overstreet Chair in Cardiology Fund was established September 3, 1982, by the Board of Trustees of The Ohio State University with grants to The Ohio State University Development Fund from the James W. Overstreet Fund of The Columbus Foundation, 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 salary and program support for the work of a distinguished cardiologist. Appointment to the Overstreet Chair will be recommended by the Dean of the College of Medicine after consultation with Dr. Joseph M. Ryan while on the regular faculty, and approved by the Vice President for Health Services, the President, and the Board of Trustees.
September 3, 1982 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 James W. Overstreet Chair in Cardiology Fund (contd)

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 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 cardiovascular medicine.

The Paissiy Endowed Professorship in Bulgarian Civilization and Culture

The Paissiy Endowed Professorship in Bulgarian Civilization and Culture was established September 3, 1982, by the Board of Trustees with a gift to The Ohio State University Development Fund from the Ministry of Education of the People's Republic of Bulgaria. The Professorship is named in honor of the outstanding scholar of the Bulgarian Renaissance--Paissiy Hilandarski/Paissiy of Hilandar.

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

The appointment shall be in the Department of Slavic and East European Languages and Literatures in accordance with the rules and procedures of the College of Humanities of The Ohio State University and in keeping with the Agreement between the Ministry of Education of the People's Republic of Bulgaria and The Ohio State University signed in Sofia, Bulgaria, on May 4, 1982 by Leon I. Twarog, Chairman, Department of Slavic and East European Languages and Literatures (for The Ohio State University), and Panka Babukova, First Vice Minister of Education (for the Ministry of Education of the People's Republic of Bulgaria). The Agreement was endorsed by Richard D. Jackson, Vice President for Business and Finance, on June 4, 1982, as the official university signer.

Should the need for this fund cease to exist or so diminish as to provide unused income, the terms of the original agreement may be changed by mutual agreement of the two sides as stipulated in Item 12 of the Agreement.

The John Scott and Della Errington Memorial Scholarship Fund

The John Scott and Della Errington Memorial Scholarship Fund was established September 3, 1982, by the Board of Trustees with gifts to The Ohio State University Development Fund from Thomas H. Hisrich, J.D. '66, in memory of John Scott and Della Errington, Tippecanoe, Ohio.
September 3, 1982 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 John Scott and Della Errington 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.

The annual income is to be used to provide one or more scholarships for College of Agriculture and Home Economics students who are residents of Tuscarawas County. Two-thirds of the annual income is to benefit students in the Department of Animal Science. One-third of the annual income is to benefit students in the Department of Human Nutrition and Food Management. The selection of the recipient(s) is to be made upon the recommendation of the University Scholarship Committee in cooperation with the Dean of the College of Agriculture and Home Economics and the Director of the School of Home Economics.

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, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural and home economics education.

The Alga D. “Peg” Weaver Honor Scholarship in Home Economics

The Alga D. “Peg” Weaver Honor Scholarship in Home Economics was established September 3, 1982, by the Board of Trustees of The Ohio State University with gifts to the Development Fund from Alga D. “Peg” Weaver, her family and friends.

All gifts are to be invested in the University’s Permanent Endowment Fund under rules and regulations 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 support undergraduate honor scholarships for students enrolling in education programs administered by the School of Home Economics. Scholarships will be awarded by the Office of Student Financial Aids based upon recommendations of the Honors Committee within the School of Home Economics.

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 from the recommendations of the Director of the School of Home Economics or from the appropriate administrative official of the University who is then responsible for study related to the field of home economics.
Establishment of Named Funds (contd)

The Stanley W. Joehlin Award in Agricultural Engineering

The Stanley W. Joehlin Award in Agricultural Engineering was established September 3, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Stanley W. Joehlin, B.S.Agr.E. '60 and M.S. '60.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 graduate students who have interest in improving the quality of resident instruction in agricultural engineering. The award(s) is to be restricted to a U.S. citizen. If no student is considered eligible, the award need not be presented. The determination of the type and amount of award(s) to be administered annually shall be made by a committee composed of a representative of the donor, the Chairman of Agricultural Engineering, and one other Agricultural Engineering Department Faculty Member acceptable to the donor and chairman. The selection of the recipient(s) is to be made by a committee composed of the Chairman of the Department of Agricultural Engineering and two other faculty members of that department.

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 the Department of Agricultural Engineering.

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PLANS AND SPECIFICATIONS

Resolution No. 83-23

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 has recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

FONTANA LABORATORY - EXTERIOR MASONRY REPAIRS

Project: Remove all sealant from all masonry openings and reseal with an elastomeric sealant.

Funding: Local, Contract Repair, 1982-83

Estimated Project Cost: $24,000.00
PLANS AND SPECIFICATIONS (contd)

FONTANA LABORATORY - EXTERIOR MASONRY REPAIRS (contd)

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. Havens, 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. 83-24

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:

ENERGY MODIFICATIONS - PRINTING FACILITY (ECM 5)

Description: Energy conservation measures consisting of air volume reduction, HVAC control revisions, variable air volume conversion and vestibule for the main entrance to the Printing Facility. This project is a continuation of energy conservation at The Ohio State University and will result in a payback of expenditures in two years, eleven months.

Mechanical Contract

Date Received: July 28, 1982

No. of Bids: 4
September 3, 1982 meeting, Board of Trustees

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

ENERGY MODIFICATIONS - PRINTING FACILITY (ECM 5) (contd)

Mechanical Contract (contd)

Low Bid: $87,900.00*
High Bid: $92,200.00*
Estimate of Cost: $91,000.00*
Awarded to: Limbach Company

Total Contract: $87,900.00
Total Contingency Allowance: $3,496.12
Total Project Cost: $105,770.00

Funding: Local University Funds and Federal Grant

MANSFIELD CAMPUS
REPAIR OF WEST CAMPUS ACCESS DRIVE

Description: Restore deteriorated roadway to a functional pavement by reinforcing the weak base sections, resloping, modifying drainage and resurfacing the west access road to the Mansfield Campus from Lexington Springmill Road.

General Contract

Date Received: July 13, 1982
No. of Bids: 3
Low Bid: $31,482.80
High Bid: $37,812.50
Estimate of Cost: $31,900.00
Awarded to: Mansfield Asphalt & Paving

Total Contract: $31,482.80
Total Contingency Allowance: $1,978.42 which is 6 per cent of construction contracts
Total Project Cost: $42,900.00

Funding: Amended Substitute House Bill 552 (Branch Campuses Utilities and Renovations)

*Recommended alternate reflected in these figures.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

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. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PURCHASE OF PROPERTY - OCLC FACILITIES
1125 KINNEAR ROAD, COLUMBUS, OHIO

Resolution No. 83-25

Synopsis: Authorization to purchase property at 1125 Kinnear Road, Columbus, Ohio, is requested.

WHEREAS the County Commissioners of Franklin County own property at 1125 Kinnear Road in Columbus, Ohio, consisting of approximately six acres with five commercial and office buildings having a total of approximately 80,204 gross square feet, which property has been operated by OCLC, Inc.; and

WHEREAS this property has been appraised at values of $3,200,000.00 and $3,300,000.00; and

WHEREAS the University has been presented with the opportunity to purchase this property for $3,050,000.00; and

WHEREAS the University has a need for expanded space for University computing operations and the appropriate University offices have determined that these facilities can be utilized to meet this need and that the purchase of this property is 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 purchase, in the name of the State of Ohio for the use of The Ohio State University, the OCLC facilities at 1125 Kinnear Road at a price of $3,050,000.00 and upon such terms and conditions as are deemed to be in the best interest of the University.

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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September 3, 1982 meeting, Board of Trustees

SALE OF PROPERTY · 116.2 ACRES (HENDERSON FARM)  
PLEASANT TOWNSHIP, FRANKLIN COUNTY, OHIO  
Resolution No. 83-26

Synopsis: Sale of the University's interest in the remaining 116.2 acres of the Henderson Farm in Pleasant Township of Franklin County is proposed.

WHEREAS pursuant to the Last Will and Testament of Dr. Roger C. Henderson, this Board acquired an undivided one-half interest in a 227.7 acre tract of real property known as the Henderson Farm located in Pleasant Township, Franklin County, Ohio, which real property is more particularly described in the Certificate of Transfer issued by the Greene County, Ohio, Probate Court on February 24, 1981, and recorded in Official Records Volume 626, pages C09 through C11, both inclusive, Recorder's Office, Franklin County, Ohio; and

WHEREAS on March 2, 1981, Margery W. Henderson, as grantor, and the Treasurer of The Ohio State University, as Trustee, entered into a Charitable Remainder Annuity Trust Agreement pursuant to which Margery W. Henderson gave, assigned, and conveyed to the Treasurer the remaining undivided one-half interest in the Henderson Farm (together with other personal property described in the Trust Agreement); and

WHEREAS pursuant to previous authorization from this Board, the Board of Park Commissioners of the Columbus and Franklin County Metropolitan Park District has purchased a 111.5 acre portion of the Henderson Farm for $228,591.40; and

WHEREAS the Board of Park Commissioners has submitted an offer to purchase the remaining 116.2 acre portion of the Henderson Farm for $255,600.00 ($2,200 per acre); and

WHEREAS it is the desire of this Board to accept the offer of the Board of Park Commissioners and sell all of this Board's right, title, and interest in and to the 116.2 acre portion to the Board of Park Commissioners; and

WHEREAS the Treasurer, as Trustee, has agreed to this sale and authorized the University to proceed on his behalf; and

WHEREAS the University and the Treasurer, as Trustee, are in mutual agreement as to the selling price:

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 the remaining 116.2 acre portion of the Henderson Farm to the Board of Park Commissioners of the Columbus and Franklin County Metropolitan Park District.

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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Synopsis: Authorization to grant an easement to the Ohio Bell Telephone Company is requested.

WHEREAS the Ohio Bell Telephone Company has requested an easement across approximately 1,462 feet of Ohio Agricultural Research and Development Center land located at the Pomerene Forest Laboratory in Coshocton County to permit them to lay a buried telephone cable so that they can furnish service to OARDC and areas surrounding OARDC property; and

WHEREAS this line will be located so as not to interfere with any OARDC operations and will result in the removal of existing poles; and

WHEREAS the Ohio Bell Telephone Company will pay the University $5.00 per lineal rod (approximately $443.00) for this easement; and

WHEREAS the appropriate University 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 this easement.

President Jennings:

The Committee also heard a recommendation to grant an easement to the Ohio Bell Telephone Company in the Pomerene Forest Laboratory, Coshocton County, Ohio, recommended that the Vice President for Business and Finance be authorized to complete that transaction. It is recommended for your approval, and I am requesting that the record reflect that the President of the University was not involved in any of the decisions regarding that issue.

The motion was made by Mr. Havens and seconded by Mr. Hilliker.

Mr. Smith: Any questions?

Mr. Scott:

Mr. Chairman, the President has recommended that the words as noted in this resolution be amended to read:
September 3, 1982 meeting, Board of Trustees

EASEMENT - OHIO BELL TELEPHONE COMPANY
POMERENE LABORATORY, COSHOCTON COUNTY, OHIO (contd)

Mr. Scott: (contd)

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. Havens, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution as amended by unanimous roll call vote.

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EASEMENT - VILLAGE OF DUBLIN
EITERMAN ROAD, FRANKLIN COUNTY, OHIO

Resolution No. 83-28

Synopsis: Authorization to grant an easement to the Village of Dublin is requested.

WHEREAS the Village of Dublin has requested an easement approximately 752 feet in length across University land on Eiterman Road in Franklin County to permit them to extend a sanitary sewer line; and

WHEREAS the Village of Dublin will pay the University $375.00 for this easement and grant the University tap rights at three locations on the sewer line; and

WHEREAS the appropriate University 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 develop the legal instruments necessary to finalize this easement upon terms and conditions mutually agreeable to the University and the Village of Dublin.

Upon motion of Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 3, 1982 meeting, Board of Trustees

LEASE OF ANTENNA AND BUILDING SPACE
TO COMMERCIAL RADIO INSTITUTE, INC.
Resolution No. 83-29

Synopsis: Authorization to lease antenna and building space to Commercial Radio Institute, Inc., is requested.

WHEREAS the Board of Trustees of The Ohio State University owns a 46-acre site at 6680 State Route 3 in Westerville, Ohio, on which site is located the transmitter facility and antenna tower for WOSU-TV; and

WHEREAS WOSU-TV plans to acquire a new transmitter in 1984-85 and to avoid interruption in service will construct, with non-appropriated funds, a new building in which to house the transmitter; and

WHEREAS Commercial Radio Institute, Inc. (CRI), of Baltimore, Maryland, has obtained from the Federal Communications Commission a license to operate an independent commercial television station, WTTE-TV, on Channel 28 and plans to go on the air in Columbus in the spring of 1983; and

WHEREAS CRI desires to lease antenna space on the WOSU-TV tower and to lease space on the site to house their transmitter; and

WHEREAS it would be mutually advantageous to WOSU-TV and WTTE-TV to have their facilities located together; and

WHEREAS the appropriate University offices have recommended that a new building be constructed to house WOSU-TV's replacement transmitter and that space in this building be leased to CRI for their transmitter, with the rent to include an appropriate return to the Endowment, and that antenna space on the WOSU-TV tower be leased to CRI:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized, on behalf of the Board of Trustees, to negotiate and enter into a lease with Commercial Radio Institute, Inc., for antenna space on the WOSU-TV tower and building space to house CRI's transmitter upon such terms and conditions as they deem to be in the best interest of the University.

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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September 3, 1982 meeting, Board of Trustees

Mr. Havens presented the following resolution:

REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS
Resolution No. 83-30

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 83-31

RESOLVED, That the report on the University's Investment Portfolio, dated August 20, 1982, 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 1, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott Warren J Smith
Secretary Chairman

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The Board of Trustees met at its regular monthly meeting on Friday, October 1, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
October 1, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, 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.


The meeting of the Board of Trustees reconvened at 1:30 p.m.

Mr. Smith: Mr. President, would you please proceed with your agenda.

PRESENTATION—A DIRECTORY OF RESEARCH AND DEVELOPMENT RESOURCES AT THE OHIO STATE UNIVERSITY

President Jennings:

Yes, Mr. Chairman, I'd like to call on Dr. Garland and Dr. Adams to describe to you a booklet recently published by Ohio State called Partners for Strength and like for them just to describe that and describe some of their activities—Jim.

Dr. Garland:

Well, as a major research institution, Ohio State has always had the responsibility to serve the needs of the State of Ohio and of the nation as a whole. I think we all realize that this need is heightened today by our depressed economy and by the unprecedented unemployment in the state. One of the solutions to this problem—perhaps one of the only solutions—is to try to change the focus in this state away from a manufacturing base into a high-technology base. Part of the difficulty at Ohio State in making our resources available to the citizens has been a communication problem. Ohio State is so large and so diversified—it's a literally comprehensive institution—that we have found it difficult to explain to people what we were doing and what our capabilities were.

About a year and a half ago, Dr. Adams undertook to prepare a directory of research and development resources at Ohio State, and this directory has just come off the presses in the past week, so I thought it would be appropriate for him to tell you a little bit about its background.

Dr. Adams:

I don't think I will go into the history, the background that much. I know you have a lot of other important things to do, but as we've been worrying more and more lately about extending further our relationships with business and industry, I think we've all become very sensitive to the point that Jim just made that when a businessman or a person running an industry needs help of some sort from a university, he doesn't know where to go, and he doesn't know who to call—it's like a big complex jungle as you people well know, and if he goes into the wrong
October 1, 1982 meeting, Board of Trustees

PRESENTATION--A DIRECTORY OF RESEARCH AND DEVELOPMENT RESOURCES AT THE OHIO STATE UNIVERSITY (contd)

Dr. Adams: (contd)

place, he gets the wrong answer and he hates us forevermore, and says that place
doesn’t love us and doesn’t try to help us and so forth. We decided that since we
publish bulletins of courses every quarter for the students so they know which
course is going on, where and when and who’s teaching it and so forth, that it
might not hurt to do the same kind of thing for business and industry, and that is
what we have tried to do here. In effect, this is simply a guide to what the Univer-
sity does primarily in industry and in its principal services available for business
and industry. It lists in the first section (there are three sections of it) the general
areas, the general resources we have in research and services.

In the second section--the one I like best, the light blue--that’s a list of almost
ninety research centers and laboratories. In each case, the description tells the
person who may have an interest or a need what the facilities are, what strange
things that center can do that no one else in the world can do. And down at the
bottom, there’s a person’s name and a telephone number, and I hope the index
would help them find that. And up in the front of this thing is the telephone
number of the Vice President for Research and University Business Relations.
In other words, we hope that this becomes a kind of yellow pages, if you will,
for OSU for people who need help so that they can find their way in here quickly
and get the answer from the expert they’re after, and if they can’t, then they talk
to the Vice President and he’s got the book, he knows everything. That’s about
the size of what I have to say, Mr. President.

President Jennings:

Well, thank you, Art. This we hope will emphasize what we are best capable of
doing. I might add, whether it’s business and industry or any other organization
interested in research capabilities at Ohio State, you’ll see that the great bulk of
the activity, I hate to use the words, but is involved with basic research is what
Ohio State does best, that is defined very differently from department to depart-
ment and college to college, but it does represent, I think, quite an accomplish-
ment to compile from this massive institution. This is a condensed version, I
might add, of this--I think the original information was a stack about this high
and--is a condensed version, so there is a good deal of abbreviation, etc.

Dr. Adams:

May I add just one point--we do intend to get this out across the country to our
alumni and friends, to some of the important business concerns in the country,
and closer to home, to our own friends in the Chambers of Commerce in the city,
the state, and so forth. And inside, now that we actually can tell ourselves what
we do on this campus and how much we do, we’ll pass it around here and try to
impress ourselves with it.

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October 1, 1982 meeting, Board of Trustees

PRESENTATION--CANCER INSTITUTE HOSPITAL

President Jennings:

Knowing full well we don’t need to impress ourselves as one of the great--the greatest--public institutions in the country, members of the press, I would now like to call on Dr. Tzagournis to present to you some of the detailed plans and operations that should and will truly recognize Ohio State University as the world’s leading cancer research center in the world--we are now, but this will improve that very substantially. Manuel.

Dr. Tzagournis:

Thank you--Mr. President, Board members. I think you have heard from me sufficiently already so I would like to call on one of our distinguished faculty members in cancer to do the subsequent introductions--it is Dr. Art James who was a former president of the American Cancer Society and has chaired the faculty group in the planning of this cancer hospital and institute. Art.

Dr. James:

Thank you, Manny. Mr. President and members of the Board. I can’t tell you how pleased I am to think that the idea of a cancer hospital has finally materialized to the point that the elements of an operational plan are to be presented to you this afternoon. As you well know, this has been a long time in coming. There was much work done on this in the early 60’s and in 1962, for example, the Columbus Dispatch carried an article announcing the planning of a 100 bed cancer hospital and it was interesting that at that time this institution was to cost $2.5 million--we should have built it then.

Then in 1977 the Citizen Journal announced that we were planning a 200 bed cancer hospital and those of you--many of you will remember that. But at any rate, things have finally jelled, and we are on our way and it is extremely gratifying to realize that we are going to have a first-class cancer hospital on our campus. Now this will be a very unique institution. It will be so designed, so staffed and so equipped that it will compete very favorably with the leading cancer hospitals in this country--Sloan-Kettering, Roswell Park and M. D. Anderson--and it still will be a very integral part of the University medical center. I am sure that one day it will be considered one of the better accomplishments for Ohio State University.

To get this going, a preliminary program of requirements was first drawn up. Part of this information came from the medical planning group that was engaged by a long range planning committee for the medical center and part through personal visits to cancer institutions. The program was reviewed and supplemented by the committee on cancer and its many subcommittees and there were about 50 faculty members that took part in these subcommittee reports. In addition the architects held over 100 meetings to other faculty members and other personnel so that all in all the input has been from a tremendous number of faculty and
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PRESENTATION--CANCER INSTITUTE HOSPITAL (contd)

Dr. James: (contd)

people. Presentations were made at faculty meetings and to the Committees of the Hospitals Board and then after many meetings with the architects an operational plan has been developed and this has been presented to the Committees of the Board and has been approved by the Executive Committee of the Board and is to be presented to you for your consideration at this time by the architect. Our architectural firm is Bohm-NBBJ, and seated back here representing them is Mr. Jack Pettit, who is the Chief Architect and Vice President; and John Currie, who is Director of Medical Facilities Planning; and its President, Mr. Friedl Bohm, who will make the presentation.

Mr. Friedl Bohm:

Thank you, Art. When we look at the basics of this profile of the Cancer Institute Hospital it is very obvious—what we are looking at is at a program that on the one side wants to be a major part of the medical center of OSU at the same time also be independent in terms of its leadership in patient care, its leadership in terms of research, and its leadership as a teaching institution for physicians. If we look at the separation between the basic services offered and the clinical disciplines offered or represented, you can see a separation in the clinical disciplines in terms of the medical oncology, the surgical oncology, radiation therapy and the pathology as being the four major areas and then broken down in a series of different services.

I think it is interesting when one looks at some basic numbers in terms of how many people will be served by the institution and what service will be provided by the institution. In an oversimplified way we can break it down into outpatients and inpatients. The outpatient total work load, and I am not sure if it is legible on the bottom of that sheet, is around 66,000 outpatients per year that will be treated in the mid 80's when the cancer unit is in full operation, which comes to approximately 250 outpatients per day being treated within the facility.

On the other side when we look at the inpatient, we are looking at a need—initial need—of 160 beds which will increase over a period of 8 to 10 years to approximately 220 beds. When Art talked about comparison between The Ohio State University cancer research institute and on the other side the M. D. Anderson, Sloan-Kettering, it is probably good to look at comparison of patient group and a comparison of patient work load between M. D. Anderson and Sloan-Kettering, and if we used the 1980-81 figures of Sloan-Kettering and the 1981-82 figures of M. D. Anderson and the projected mid 80's figures of OSU Cancer Institute, you will see that the numbers at OSU sit right in the middle between those of M. D. Anderson and those of Sloan-Kettering. So our projection of outpatient visits per hospital admission and our projection of outpatient visits per bed are actually higher than Sloan-Kettering's, a little bit lower than M. D. Anderson. I think that gives us a good feeling as to where we sit with our projections.
The objective of the Cancer Institute Hospital is to provide facilities for research, teaching, and for patient care. The base of the hospital is obviously always patient care. We have approximately 55 percent of the space dedicated for patient care; about 18 percent of research in patient care; about 14 percent for research; and about 8 percent for teaching and conference facilities.

If we look at the total space program, the Institute Hospital has a total space need of approximately 200,000 square feet--actually, exactly 196,000 square feet. And in addition to it, the space need for the Radiation Therapy Facility is 31,000 square feet.

One of the early elements that have impelled all the programming was really an analysis of the site definition--where should the hospital happen, and the recommendation is to locate it directly east of University Hospital in the area that is designated by the red circle. For orientation purposes, you can see the drive up to Rhodes Hall about the center of this picture and the large block in the middle of the picture is the total University Hospital and the red circle there on the east side of the University Hospital.

One of the difficult things when we look at a site and the ability of a site handling such a complex institution that has to accommodate visitor traffic, has to accommodate inpatient traffic, has to accommodate outpatient traffic, service traffic, and staff traffic is really to find a way of fitting it within the campus plan within the campus as is. In an oversimplified way, the proposed traffic flow to the facility works the following--our major traffic flow happens and will happen in the future north and south on Cannon Drive whichever way Cannon Drive ties into the overall circulation network. From there the drive will go up in a circle back and front of Rhodes Hall and actually the access to the Cancer Institute Hospital is this, a little blue line, the secondary loop that comes off the main loop that goes to Rhodes Hall, the brown area depicting the location of the new facility. There is a secondary access for outpatient and for radiation therapy patients which would come up and down Twelfth identified in the green arrows on the drawing that you can see up there.

The Institute Hospital ties into University Hospital, ties into Rhodes Hall, will use as many of the functions that are already in place as possible--at the same time will create its own identity. It will also tie into the existing traffic network and use the existing proposed parking structures. Right now we have a parking garage on Ninth which is on the bottom of the picture within two block access of the Hospital. There is another parking garage on Eleventh to the east just across Neil, again, in direct, visible contact with the proposed hospital, and a garage planned on the north side of Twelfth which will have direct access to the hospital.
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PRESENTATION--CANCER INSTITUTE HOSPITAL (contd)

Mr. Friedl Bohm: (contd)

In a little bit closer proximity, you can see in light brown how the building fits between the dental building to the north and the optometry building to the south, the blue arrows depicting a basic traffic concept with the building on the lowest floor connecting directly into University Hospital, connecting into the Materials Handling System, connecting into the total circulation of University Hospital with a patient access for radiation therapy patients coming in from the north from Twelfth Avenue, tying directly into the total circulation of the hospital which will basically have three ways of vertical circulation—one for visitors, one for in-house use, and one for materials handling.

On the ground floor, the entrance floor, on the right-hand side of this light brown area, the blue arrows depict the public entrance of an entrance loop into a lobby; public elevators going up and down the building, the green arrow on the left-hand side depicts the present inpatient pickup area of University Hospital which will become in the future the major inpatient area for dropoff and pickup for both the University Hospital and the Cancer Institute Hospital. We will also have to build a dropoff for outpatients within that loop; and then four stories develop on top of that first floor with the subsequent stories above being patient floors—four patient floors on the top of it, a series of laboratory floors. There is a separation between basically two buildings—on the one side, the Cancer Institute Hospital and that sliver really between the bare tar you see there and the dental building—being two stories of the radiation therapy building.

It might help just to look at a couple of quick slides of a stacking diagram that gives you a feeling how the new facility fits into the site. This is actually a cut through the site with everything that's below the gray line around the building being underground, with the blue and yellow lines and black line are tunnels and underground utilities. And you can see are the ground floor, the basement floor fits into the gray area being the base of the Cancer Institute Hospital tying into the base of University Hospital, the yellow area being the radiation therapy portion of the building.

You can see now the ground floor, the potential access area in front, the circulation going around it, and then the first floor of the Cancer Institute Hospital with the light yellow in the back being radiation therapy, the darker yellow in front being public entrance areas and part of the clinical space. The floor above will all be clinical space, again, directly tying into the second floor of University Hospital; the third floor would be the bone marrow floor; the fourth floor becomes the surgical floor—that ties again into the fourth floor which presently in Rhodes Hall is the surgical floor of University Hospital complex. The fifth and the sixth floor of the new facility would be mechanical floors servicing the building in both directions, and then starting at the seventh floor, the seventh and eighth and the ninth floor and the tenth floor all being patient floors of the Cancer Institute Hospital, we have by three of those four floors would tie directly into University Hospital, and then the eleventh floor and the twelfth floor of the facility will be laboratories based again on top of the building, obviously, with them being capped off with the roof.
PRESEN TATION- CANCE R INSTITUTE HOSPITAL (contd) 

Mr. Friedl Bohm: (contd)

If you look in a section on the left-hand side, the gray area depicts University Hospital; on the right-hand side a section through the Cancer Institute Hospital, you can see that most floors have direct connections between University Hospital and the proposed new hospital.

When we look at future expansion, if ever, the optometry building might not be there. There’s an ability to expanding the facility to the south. There’s an ability to expanding radiation therapy and other areas within the hospital.

And last but definitely not least, a little drawing that shows the on-ground pedestrian circulation, the tie-in of the Cancer Institute Hospital as a part of the total campus complex, an arcade going around the building that really connects from the dentistry building all the way to the front of Rhodes Hall and really accommodates the pedestrian flow, that’s a pretty important way of circulating within that part of campus at this time and hopefully also in the future. And this is really kind of a summary of the last six months of work on the project.

President Jennings:

That’s first of all amazing that when you made that presentation to the Hospital Board—to summarize it that well—what was about an hour and a half presentation to the University Hospitals Board was going from there. As a result of that, on the recommendation of the Hospital Board, we are asking for a variety of recommendations from the Board so that we can go on with that. That is included in your Board documents in special reports. Do you have something else?

ARCHITECT’S PRESENTATION—ARTHRITIS AND GERIATRICS CENTERS

Dr. Tzagournis:

Yes, we have just another brief presentation on the site of Geriatrics and Arthritis Centers.

President Jennings:

The first item in your Board report is the location of Arthritis and Geriatrics and we’ll pick up on that and then go into the cancer things.

Dr. Tzagournis:

The presentation on the site of Arthritis and Geriatrics will be given by Mr. Carmichael, architect—Mr. Carmichael.
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ARCHITECT'S PRESENTATION--ARTHritis AND Geriatrics CENTERS (contd)

Mr. Carmichael:

Ladies and gentlemen. In the process of selecting a site for the Arthritis/Geriatrics Center, there were seven different locations that were considered—Sites 2, 3, 4, and 5 were rejected for reasons of size, circulation, or prior assignment to another project as in the case of number 5. Sites 1 and 6 were studied in some depth, presented to the Review Committee and rejected for reasons of congestion, inconvenience or cost. Site number 7 in the Dodd Hall area was the one that seemed to offer the greatest promise for development and the one that we are presenting today.

Our proposal is located in the immediate, adjacent vicinity of Dodd Hall to the south; is also in close proximity to the intersection of the new off-ramp from 315 coming east and the relocated Cannon Drive. Access to this site is by a return loop that is located as far east on Eighth Avenue as possible in order to minimize the problem of backup traffic from this signal light.

The topography of this site lends itself quite well to a provision for ground-level parking as shown in this drawing with 65 cars approximately parked there. The only building element at this level is a small reception control area with vertical circulation elevators to the floors above. These drawings that you see are not in any sense final design drawings, they are rather feasibility studies based upon the gross departmental areas as defined in the program, and of course, their purpose is to determine the suitability of this site for the project.

The first floor of the Geriatrics/Arthritis Center adjacent to Dodd Hall would be occupied by administrative spaces and patient treatment areas. The patient treatment areas are—the floor itself also is level with the Dodd Hall floor and connected directly to the therapy facilities of Dodd Hall, most notably occupational therapy, physical therapy, and the therapeutic pool. And it’s this proximity to these features that is perhaps the most telling advantage that this site has in comparison to the others.

The second floor would be devoted to research and laboratory facilities—like the first floor, it is connected directly to the corridor system of Dodd Hall, also to the elevators which service all floors of Dodd Hall including the basement which is tied into the tunnel system and provides access for patients, staff, and services to all of the various buildings in the medical center.

This elevation sketch may serve to clarify some of the things that I have said. As you can see, the parking area is slightly depressed from the road level—it’s about the same level as the playing field across Cannon Drive. The administrative and patient treatment areas would be this long elevation with exposed glass areas. This would be the laboratory and research area.

The project has a total of 41,000 gross building square feet and with the parking area at the level would require a budget as assigned of $8 million of which about $5,575,000 would be for direct construction. We estimate six months to complete
ARCHITECT’S PRESENTATION--ARTHTRITIS AND GERIATRICS CENTERS (contd)

Mr. Carmichael: (contd)

the drawings after release to proceed plus two months for bidding and contract awards, and about a year and a half for construction--a total of two years and two months to complete the project. Do you have any questions on it?

President Jennings:

Thank you a lot. The recommendation before you is the site selection of the Arthritis and Geriatrics Center as described south of Dodd Hall--upon the recommendation of the Facilities Committee, the site designated in the proposal as recommended for location of the Arthritis and Geriatrics Center is recommended by the Executive Committee of the Hospitals Board.

ARTHRITIS CENTER AND GERIATRICS CENTER--SITE SELECTION

Resolution No. 83-32

Synopsis: The site adjacent to the south side of Dodd Hall is proposed for the Arthritis and Geriatric Centers.

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized; and

WHEREAS the proposed site for locating the Arthritis and Geriatrics Centers--adjacent to the south side of Dodd Hall--has been recommended by the project architect, Dan A. Carmichael, AIA:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Facilities Committee, the site designated above is recommended for the location of the Arthritis and Geriatrics Centers by the Executive Committee of the Hospitals Board.

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

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CANCER INSTITUTE HOSPITAL AND CANCER RADIATION THERAPY--SITE SELECTION

Resolution No. 83-33

Synopsis: The site adjacent to the east end of University Hospital, between Postle Hall on the north and Starling-Loving Hall on the south is proposed for the Cancer Institute Hospital and planning for Cancer Radiation Therapy.
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CANCER INSTITUTE HOSPITAL AND CANCER RADIATION THERAPY--SITE SELECTION (contd)

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized; and

WHEREAS the proposed site for locating the Cancer Institute Hospital and planning for Cancer Radiation Therapy--adjacent to the east end of University Hospital, between Postle Hall on the north and Starling-Loving Hall on the south--has been previously endorsed by the Hospitals Board; and

WHEREAS the proposed site as designated above has subsequently been reviewed and recommended by the firm of Bohm-NBBJ, Columbus, Ohio:

NOW THEREFORE

BE IT RESOLVED, That upon the review and recommendation of the Ad Hoc Building Committee for the Cancer Institute Hospital and the recommendation of the Hospital Facilities Committee, the Executive Committee of the Hospitals Board endorses the site as designated above for the location of the Cancer Institute Hospital.

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

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CANCER INSTITUTE HOSPITAL TIME AND ACTION CALENDAR

Resolution No. 83-34

Synopsis: It is recommended that the contracts associated with clearing the underground utilities at the site and construction of the Cancer Institute Hospital be approved.

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospital Facilities Committee, the Executive Committee recommends that the contracts associated with clearing the underground utilities at the site designated for the Cancer Institute Hospital be let and started during the calendar year 1982; and

BE IT FURTHER RESOLVED, That upon the recommendation of the Hospital Facilities Committee, the Executive Committee recommends that the contracts associated with construction of the Cancer Institute Hospital be let by September of 1983.

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

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CANCER INSTITUTE HOSPITAL OPERATING PLAN
Resolution No. 83-35

Synopsis: The Operating Plan for the OSU Cancer Institute Hospital is recommended for endorsement.

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized; and

WHEREAS the Operating Plan for the Cancer Institute Hospital has been presented to and reviewed by the Ad Hoc Building Committee for the Cancer Institute Hospital and reported to the Hospital Facilities Committee:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospital Facilities Committee, the Executive Committee of the Hospitals Board endorses the Operating Plan for the Cancer Institute Hospital and recommends planning and design proceed; and

BE IT FURTHER RESOLVED, That the Operating Plan for the Cancer Institute Hospital will be incorporated into the $40 million allocation, and alternate plans will be developed to include Radiation Therapy.

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

CANCER INSTITUTE HOSPITAL PARKING ENDORSEMENT
Resolution No. 83-36

Synopsis: A parking ramp at a site north of Twelfth Avenue, east of Wiseman Hall, and west of the Botany and Zoology Greenhouses is being proposed.

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospital Facilities Committee, the Executive Committee of the Hospitals Board recommends to The Ohio State University President that the proposed Ohio State University parking garage at a site designated north
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CANCER INSTITUTE HOSPITAL PARKING ENDORSEMENT (contd)

of Twelfth Avenue, east of Wiseman Hall, and west of the Botany and Zoology Greenhouses is an essential part of the operation of the Cancer Institute Hospital.

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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ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY)
Resolution No. 83-37

Synopsis: Amendments to Rules 3335-5-03 and 3335-5-48 and the adoption of Rules 3335-5-021, 3335-5-022, and 3335-5-023 of the Administrative Code are being proposed.

WHEREAS it is recognized that financial and other resources available to The Ohio State University may be limited in the future so as to necessitate reductions in University programs; and

WHEREAS the Administrative Code does not contain procedures for the reduction of University programs during periods of financial exigency, nor for the protection of tenured faculty members during such periods:

NOW, THEREFORE, BE IT RESOLVED as follows:

(1) That the Board of Trustees of The Ohio State University amends Rule 3335-5-03, adopts Rules 3335-5-021, 3335-5-022, 3335-5-023, and amends Rule 3335-5-48 of the Administrative Code as proposed by the University Senate in its action dated June 5, 1982;

(2) That new Rules 3335-5-021, 3335-5-022, and 3335-5-023 of the Administrative Code and those changes dealing specifically with financial exigency in Rules 3335-5-03 and 3335-5-48 shall have application only during periods of financial exigency as determined pursuant to those rules and in no way either directly or by implication modify present University rules, policies, or procedures or the University's rights presently existing at law;

(3) That during a period of financial exigency any ambiguity between the language of these new or amended Rules and language of University Rules existing prior to this action shall be resolved in favor of the University's prior existing Rules.

Upon motion of Mr. Havens, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
3335-5-021 Financial exigency.

(A) Definition. Financial exigency is an imminent financial crisis which seriously jeopardizes the ability of the university as a whole to survive as an institution of excellence in teaching, research, and public service. Projections of enrollment, of instructional subsidies, and of other sources of revenues must demonstrate that the shortage of funds will be both severe and persistent and cannot be alleviated by temporary or voluntary measures, as specified in paragraph (B) (2) of this rule.

(B) Mechanism of determination.

(1) In the event of an imminent financial crisis, as announced and defined by the president to the university senate, the president will solicit the recommendations of the fiscal committee, as provided for under rule 3335-5-582 of the Administrative Code, to ascertain whether a determination of financial exigency is warranted.

(2) The fiscal committee, acting in accordance with rule 3335-5-582 of the Administrative Code, shall have the responsibility to:

(a) Review the budgetary documentation of the crisis, having full access to that documentation.

(b) Assess whether the crisis would reduce the quality of the academic programs of the university as a whole to an unacceptable degree and would render the university unable to meet its obligations to the public.

(c) Ascertain the extent to which consolidation or elimination of some administrative offices and services or reductions in operating and equipment budgets would alleviate the crisis.

(d) Ascertain the extent to which voluntary retrenchment mechanisms, including early retirement or resignation or other economic incentive plans, would alleviate the crisis.

(e) Make a recommendation based upon the above considerations of the need for a determination of financial exigency.

(f) Report the results of its deliberations to the university senate.

(g) Monitor the financial condition of the university during a state of financial exigency.

(3) Upon receipt of the report of the fiscal committee, the university senate shall make its recommendations as to whether there should be a determination of financial exigency.
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(4) Upon receipt of the recommendations of the fiscal committee and the university senate, the president will notify the university community and the university senate of the administration's analysis and proposed response to the financial situation, allowing an opportunity to respond to questions and to solicit advice and opinions.

(5) In the event that the recommendations of the university senate and the president differ substantially on recommending determination of financial exigency to the board of trustees, recommendations of both shall be forwarded to the board, which has final responsibility for the determination of financial exigency. No further establishment of financial exigency will be required for one year at which time the full procedures must be invoked again.

(C) Review of administration proposals for alleviating financial exigency.

(1) Upon determination of a state of financial exigency and upon receipt from the vice president for academic affairs and provost of proposals, prepared in consultation with the college faculties, for curtailment of academic programs to alleviate financial exigency, the council on academic affairs shall review the proposals.

(2) For the purpose of this review, the council is to be an advisory committee to the president and is to report the results of its review both to the president and to the university senate.

(3) The vice chairperson of the council shall act as chairperson of the council for the review of these proposals and for the submission of results to the president and to the university senate.

(4) In the conduct of its review, the council is authorized to:

(a) Obtain explanations of the proposals or provisions thereof;

(b) Request or initiate changes in the proposals and seek concurrence of appropriate administrators. In the event of non-concurrence, the council will note any points of disagreement.

(5) All proposals are to be reviewed both individually and as a coordinated set.

(6) In the review, the council shall:

(a) Consider alternatives to those proposals which would result in involuntary termination of tenured faculty members or regular faculty members in the probationary period;

(b) Determine that the proposals are consistent with established educational and academic policies of the university;
ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)

(c) Determine that there has been appropriate consultation with administrators, faculty, and students in the preparation of the proposals;

(d) Determine the extent to which the proposals affect the affirmative action commitment of the university;

(e) Determine that the proposals consider the effect upon students whose faculty advisers are reassigned or terminated and students whose field of study would be eliminated;

(f) Determine that the reassignment, economic incentive, and retraining provisions under rule 3335-5-022 of the Administrative Code have been considered;

(g) Determine that the proposals take into account the quality of relevant programs.

(7) The council shall conduct a hearing or hearings at which appropriate administrators, faculty members, and students are invited to testify.

(8) Within sixty days of the receipt of the proposals or such time as the president may designate, the council shall submit its report to the president and the university senate.

(D) Ending a state of financial exigency. A state of financial exigency ends one year after determination, unless ended sooner by the board of trustees.

3335-5-022 Treatment of tenured faculty members during financial exigency.

(A) Definitions and construction.

(1) "Academic program" or "program" means:

(a) A college, school, department, division, or instructional unit headed by an academic administrator;

(b) A research or service unit (which may or may not educate students) headed by an academic administrator;

(c) A coherent set of courses, or program of study, which leads to an academic degree; or

(d) A coherent set of courses, or program of study, which does not lead to an academic degree but which serves to educate or train students (e.g., a professional certification program or a remedial program).
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(2) "Curtailed" means reduced or eliminated, while "preserved" means not eliminated.

(3) "Tenured faculty member" means a regular tenured member of the faculty.

(4) "Tenure initiating unit" (TIU) means the specific academic unit responsible for making the initial recommendation on a regular faculty member's tenure status as recorded on the university tenure audit list available at the office of academic affairs. For purposes of this definition, the university tenure audit list of March 12, 1982, shall be retained, except as subsequently modified in accord with paragraph (C) of rule 3335-5-14 of the Administrative Code.

(B) Involuntary termination of tenured faculty.

(1) Hiring of faculty during financial exigency. The university shall not appoint new faculty while terminating tenured faculty appointments because of financial exigency unless a serious distortion in academic programs would otherwise result.

(2) Preservation of tenure initiating unit. A tenured faculty member whose TIU is preserved shall not be involuntarily terminated because of the curtailment of academic programs to which the faculty member is assigned.

(3) Administrative restructuring of tenure initiating unit. A tenured faculty member whose TIU is restructured by an administrative reorganization (e.g., by consolidation or merger with other TIU's, or by dispersal into several TIU's) shall not be involuntarily terminated for that reason. The faculty member shall be transferred to the appropriate reorganized TIU in accordance with the provisions of paragraph (C) (4) of this rule.

(4) Reinstitution of tenure initiating unit. If an eliminated TIU is substantively reinstituted or established within a remaining TIU within three (3) years, the university shall offer to reappoint all terminated tenured faculty members at their previous ranks.

(5) Elimination of tenure initiating unit. A tenured faculty member whose TIU is scheduled for elimination shall not be involuntarily terminated for that reason until the reassignment provision of paragraph (C) of this rule and the economic incentives of paragraph (D) of this rule have been offered to all eligible faculty members in the TIU.

(6) Notice of termination. A termination of appointment because of the elimination of a tenure initiating unit shall become effective no sooner than one full appointment period following the expiration of the faculty member's current appointment.
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(7) Eligibility for termination compensation. A tenured faculty member who has been involuntarily terminated because of the elimination of his or her tenure initiating unit shall be entitled to accrued benefits and such compensation as authorized by the board of trustees.

(C) Reassignment of tenured faculty members.

(1) Change of tenure initiating unit. If a tenured faculty member's TIU is scheduled for elimination, then the university shall offer to transfer the faculty member to any suitable authorized position in the remaining TIU's provided that a simple majority of all tenured faculty in a TIU are willing to accept the faculty member. The evaluation of the professional qualifications of the faculty member shall be made by the faculty in the new TIU, based on considerations of the faculty member's potential contributions to the needs of the program according to the prevailing standards of the new TIU.

(2) Reassignment to new position. A tenured faculty member whose tenure initiating unit is scheduled for elimination shall not be reassigned to another position unless that reassignment includes a change of TIU and retention of tenure. This requirement shall not preclude the possibility of employing in a non-faculty position a faculty member who has lost tenure because of resignation or involuntary termination. A faculty member shall not be obligated to accept an offer of reassignment.

(3) Eligibility for economic incentives. A tenured faculty member who accepts an offer of reassignment according to the provisions of paragraphs (C) (1) and (C) (2) of this rule and who voluntarily resigns from the reassigned position within six months, shall be entitled to any of the economic provisions of paragraph (D) of this rule that were applicable at the time of reassignment.

(4) Rate of compensation. Reassignment of a tenured faculty member to a different tenure initiating unit shall not be at a reduced rate of compensation. If reassignment necessitates a change of compensation base (e.g., conversion between nine-month and eleven-month appointments), then the change shall be calculated according to standard university accounting procedures.

(5) Displacement of other employees. A tenured faculty member who is reassigned to a new tenure initiating unit shall not displace an incumbent in an existing position (e.g., a tenured faculty member in a program which is curtailed shall not be assigned to a position in another TIU held by an untenured faculty member, or to a position held by an administrative and professional employee).

(6) Retraining of faculty. Where reassignment of a tenured faculty member according to the provisions of paragraphs (B) (1), (C) (1), or (C) (2) of this rule would be facilitated by or contingent upon a period of retraining, the faculty member shall be eligible for a reassignment training leave.
ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)

(D) Economic incentives and retraining programs.

(1) Early retirement program. The university shall invoke the provisions of the Ohio state university early retirement program to facilitate the voluntary reduction of tenured faculty members in a curtailed academic program.

(2) Reassignment training leave program. The university shall invoke the provisions of a reassignment training leave program to facilitate reassignment of tenured faculty members to other programs or tenure initiating units.

(3) Other programs. The university shall invoke any other feasible methods to reduce by voluntary means the number of tenured faculty members in a curtailed academic program. Such methods could include a voluntary resignation program (e.g., a "buy-out" plan), among other possibilities.

3335-5-023 Appeal procedures for tenured faculty because of termination of appointments during financial exigency.

(A) Scope and construction.

(1) A tenured faculty member who has received a notice of termination because of financial exigency shall have the right to a hearing before a faculty hearing panel.

(2) The responsibility for presenting the formal appeal and for responding to the hearing panel’s requirements at all stages rests with the faculty member bringing the complaint ("the complainant").

(3) The determination of financial exigency or the decision to eliminate a tenure initiating unit shall not constitute grounds for an appeal.

(4) An appeal may be made only on the basis of a complaint over the interpretation or implementation of paragraphs (B) through (D) of rule 3335-5-022 of the Administrative Code. In considering complaints over implementation of the aforementioned rules, the hearing panel shall consider only whether those individuals making the decisions followed the appropriate procedures and considered the important evidence material to a fair determination.

(B) The university senate faculty hearing committee.

(1) Written notice of intention to appeal shall be given by the complainant within thirty days of the receipt of a termination notice. An additional thirty days will be allowed for the complainant to submit the formal appeal. The notice of intention to appeal and the formal appeal will be submitted to the vice president for academic affairs and provost and to the chairperson of the faculty hearing committee.
ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)

(2) In response to each notice of intention to appeal, the faculty hearing committee shall select a hearing panel of tenured faculty members according to the provisions of rule 3335-5-581 of the Administrative Code. The hearing panel shall begin its review of the case not earlier than thirty days and no later than sixty days from receipt of the notice of intention to appeal, except by mutual consent of the complainant and the chairperson of the faculty hearing committee.

(3) The hearing panel shall conduct an investigatory proceeding in accordance with the following provisions:

(a) The proceeding shall not be adversarial in nature. The proceeding shall be an investigation leading to a report on whether or not those individuals making the decision followed the appropriate procedures and considered the important evidence material to a fair determination.

(b) The complainant shall have the right to be present at any hearing before the panel where testimony is taken concerning the complainant's case and to bring an adviser. No formal transcript of the hearing need be made unless requested by the complainant.

(c) The complainant shall state the case in writing and shall have the opportunity to present the case in person to the hearing panel and to offer any evidence in support of the claim.

(d) The person or persons responsible for the decision may be called upon by the hearing panel to demonstrate that the important and material evidence was considered.

(4) At the conclusion of the hearing, the hearing panel shall either dismiss the complaint or support the complaint. In either case, the panel shall record its findings in writing, providing specific responses to each charge made by the complainant, summarizing the evidence and rationale which led the panel to its decision. These findings shall be reported to the administrative officer of the tenure initiating unit, to the dean of the college in which the complainant is a member, to the vice president for academic affairs and provost, and to the complainant.

(5) The hearing panel shall recommend to the vice president for academic affairs and provost and to the president either that the complaint be dismissed or that corrective action be taken.

(6) Within thirty days of the receipt of the panel's decision, the vice president for academic affairs and provost shall respond in writing to the hearing panel and to the complainant stating what action has been recommended and the reasons therefor.
October 1, 1982 meeting, Board of Trustees

ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)

(7) Except for those documents received under the promise of confidentiality, all written documents and recorded testimony obtained by the hearing panel shall be made available to the complainant upon request.

(C) The president.

(1) After receipt of the hearing panel's recommendations under paragraph (B) (5) of this rule, and the vice president for academic affairs and provost's recommendations under paragraph (B) (6) of this rule, the president shall review the matter and take whatever action is deemed appropriate.

(2) All decisions of the president under this procedure shall be provided in writing to the hearing panel, the vice president for academic affairs and provost, and the complainant.

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, 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.

3335-5-48 Council on academic affairs.

(H) Upon determination of a state of financial exigency, the council on academic affairs shall review the administration's proposals as provided under rule 3335-5-021 of the Administrative Code.

(I) Reports by the council on academic affairs to the president, other than those made through the university senate, shall be made through the vice president for academic affairs and provost.

*Rule initiated by board of trustees.

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October 1, 1982 meeting, Board of Trustees

Dr. Jacob presented the following resolution:

EXPRESSING OF APPRECIATION

Resolution No. 83-38

WHEREAS, the ad hoc Faculty Committee on the Release of Tenured Faculty appointed by then Provost W. Ann Reynolds and chaired by Professor James C. Garland, extensively reviewed and analyzed the issues involving the termination of tenured faculty in the event of financial exigency; and

WHEREAS, the University Senate Steering Committee appointed a faculty and student committee known as the Select Committee for the Termination of Tenured Faculty chaired by Professor Glen H. Schmidt; and

WHEREAS, the Select Rules Committee also reviewed and analyzed the issues involving the termination of tenured faculty in the event of financial exigency and actually developed proposed rules to be followed in the event of financial exigency; and

WHEREAS, the Faculty Council recommended to the University Senate that rules be passed regarding the release of tenured faculty for reasons of financial exigency; and

WHEREAS, the University Senate on June 5, 1982 officially passed and recommended to this Board proposed rules for the termination of tenured faculty for reasons of financial exigency:

NOW, THEREFORE, BE IT RESOLVED, That the Board of Trustees officially express its appreciation to the ad hoc Committee on the Release of Tenured Faculty, the Select Rules Committee for the Termination of Tenured Faculty, the Faculty Council, and the University Senate for their diligence and thorough investigation and analysis in developing rules regarding the release of tenured faculty for reasons of financial exigency.

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

President Jennings:

I would just like to also express my appreciation to the various faculty committees but to the faculty, in general. The great discussions, and this was done in a very professional way, and I think all of us owe a debt of gratitude to the faculty, in general, as well for coming forth with a solution to an enormously difficult problem. I thank all of you—and we'll never use it.

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October 1, 1982 meeting, Board of Trustees

CODE OF STUDENT CONDUCT FOR THE OHIO STATE UNIVERSITY
Resolution No. 83-39

Synopsis: The Code of Student Conduct is being proposed for adoption.

WHEREAS the current Code of Student Rights and Responsibilities for The Ohio State University has not been comprehensively revised for eleven years; and

WHEREAS the Council on Student Affairs and the appropriate University offices have recommended adoption of the proposed code; and

WHEREAS the proposed code has been reviewed by approved University legal counsel:

NOW THEREFORE

BE IT RESOLVED, That the Code of Student Rights and Responsibilities be rescinded and that the revised Code of Student Conduct be adopted, effective November 1, 1982.

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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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY
Resolution No. 83-40

Synopsis: Amendments to Rules of the University Faculty 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 change in rule 3335-5-61 and the deletion of rule 3335-5-611 of the Administrative Code were approved by the University Senate on May 8, 1982, as follows:

3335-5-61 Committee on traffic, parking, and public safety.

(A) The committee on traffic, parking, and public safety shall consist of seventeen members as follows:

(1) Six faculty members;

(2) One graduate student;

(3) One professional student;
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

(4) Two undergraduate students;

(5) Three members of the administration, appointed by the president;

(6) Two staff members (eligible for only "B" parking permits) elected for three-year terms;

(7) The director of public safety, or designee, ex officio, non-voting; and

(8) The manager of the division of traffic and parking, ex officio, non-voting.

(B) Faculty, administration, and student members shall serve for terms in accordance with rule 3335-5-46 of the Administrative Code. One-third of the faculty and one-third of the administration members shall retire each year. The committee shall elect its own chairperson from among the faculty members of the committee who shall serve in this capacity for a term of one year and for no more than one additional one-year term, if elected for a second term.

(C) The committee on traffic, parking, and public safety shall:

(1) Be responsible for making recommendations and hearing grievances, criticism and other testimony pertaining to public safety; recommend through appropriate administrative channels, and to the university senate, ways and means for improving traffic and parking conditions, and the administration and enforcement of traffic and parking regulations;

(2) Hold at least one publicized annual open hearing to receive information from interested parties with concerns about traffic, parking, and public safety;

(3) Hold such special hearings as the committee deems necessary when concerns about public safety, traffic, and parking arise in the university community. Reports of such special hearings will be promptly forwarded through appropriate channels and to the university senate.

(4) Report on its activities at least annually to the university senate. (B/T 3/5/76, B/T 3/3/78, B/T 10/1/82)

NOW, THEREFORE, BE IT RESOLVED as follows:

(1) That the foregoing amendment to rule 3335-5-61 and the deletion of rule 3335-5-611 be adopted by the Board of Trustees for implementation and incorporation in the Administrative Code;
October 1, 1982 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

(2) That except for the modifications specifically approved herein, this action amending rule 3335-5-61 in no way, either directly or by implication, modifies present University rules, policies or procedures of The Ohio State University;

(3) That any ambiguity which may exist in the interpretation of the language of this amended rule and the language of University rules existing prior to this action shall be resolved in favor of the University's prior existing rules.

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

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PERSONNEL ACTION

Resolution No. 83-41

RESOLVED, That so much of Resolution No. 83-20 pertaining to the appointment and change of title of Jules B. LaPida be amended to read as follow:

Reappointment of Principal Administrative Official

JULES B. LAPI DUS, Dean of the Graduate School, effective July 1, 1982 through June 30, 1987, pursuant to rule 3335-3-17 of the Administrative Code.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 83-42

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment of New Chairman of Department; Leaves 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 September 3, 1982 meeting of the Board, including the following Appointment of New Chairman of Department; Leaves of Absence Without Salary; Professional Improvement Leave–Change of Date; and Emeritus Titles as detailed in the University Budget, be approved.
October 1, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of New Chairman of Department

September 1, 1982 through June 30, 1983

Neurology

*George W. Paulson

*Acting Chairman

Leaves of Absence Without Salary

RONALD E. LAYMON, Associate Professor, Department of Philosophy, effective October 1, 1982 through December 31, 1982, to accept a research grant from the Center for Philosophy of Science at the University of Pittsburgh.

PASQUALE CHARLES GRADO, Assistant Professor, Department of Architecture, effective October 1, 1982 through March 31, 1983, to work with several well-known architectural firms.

ALLAN G. SEKULA, Assistant Professor, Department of Photography and Cinema, effective April 1, 1983 through June 30, 1983, to accept a 1982-83 Ohio Arts Council Art Critic's Grant.

MICHAEL MIECZYSŁAW SZPORER, Assistant Professor, Department of English (Mansfield Campus), effective October 1, 1982 through June 30, 1983, to accept a Fulbright Grant to study in Poland.

DONNA J. HERSHBERGER, Instructor, Cooperative Extension Service, effective August 17, 1982 through August 30, 1982, for personal reasons.

MICHAEL HOFFMAN, Instructor, Department of Mathematics, effective October 1, 1982 through June 30, 1983, to accept a research position at Memorial University of Newfoundland.

Professional Improvement Leave--Change of Date

JAMES R. GAINES, Professor, Department of Physics, change professional improvement leave from Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983 to Winter Quarter 1983 and Spring Quarter 1983.

Emeritus Titles

CHARLES W. CONROY, College of Dentistry (Oral Biology), with the title Professor Emeritus, effective September 1, 1982.

YURII KYOGOKU, University Libraries, with the title Instructor Emeritus, effective October 1, 1982.

Upon motion of Mrs. Bowser, 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. 83-43

Synopsis: Resolutions honoring the service of a former member of the Board of Trustees and three of this 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.

Frederick R. Eckley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 29, 1982, of Frederick R. Eckley, former member of the Board of Trustees.

Frederick R. Eckley was born in Delaware, Ohio, on August 22, 1914. He was graduated from The Ohio State University with a Bachelor of Science in Business Administration degree in 1936.

Mr. Eckley was appointed to the position of president of Ohio Bell Telephone Company in December 1962. In May, 1964, he moved to American Telephone & Telegraph Company as executive vice president, returning to Ohio Bell’s presidency in April, 1966.

His telephone career began with the Commercial Department of New Jersey Bell Telephone Company in 1936, shortly after his graduation from Ohio State. Ten years later he moved to A. T. & T. in New York where he worked on several public relations assignments and as a right-of-way sales engineer.

Mr. Eckley joined the Northwestern Bell Telephone Company at Omaha in 1952 as commercial operations supervisor and rose to assistant vice president of sales and merchandising in 1955. He returned to New York in 1956 as business engineer for A. T. & T. A year later he became assistant vice president of merchandising and in 1958 he transferred to the Commercial Department as assistant vice president. In 1959, he was named director of personnel and public relations in A. T. & T.’s Long Lines Department, and in 1961, he moved to Detroit to become vice president and general manager of Michigan Bell.

Mr. Eckley was appointed to The Ohio State University Board of Trustees on May 5, 1969, for a term expiring May 13, 1973, and served as chairman of the Board for 1972-73.

Mr. Eckley was active in civic and professional affairs in the greater Cleveland area. He was a director of the Greater Cleveland Growth Association, the Ohio Chamber of Commerce, Republic Steel Corporation, Central National Bank of Cleveland, and the National Conference of Christians and Jews.

Mr. Eckley was an active alumnus and helped to establish the Pace Setters Club, an honorary organization for business students in the College of Administrative Science.
October 1, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Frederick R. Eckley (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.

Frederic W. Heimberger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 31, 1982, of Frederic W. Heimberger, Dean of Faculties Emeritus and Professor Emeritus in the Department of Political Science.

Dr. Frederic Heimberger earned his undergraduate and graduate degrees at The Ohio State University. He received his Doctor of Philosophy degree in political science in 1931.

Dr. Heimberger joined the faculty of The Ohio State University as an Instructor in 1936. Prior to that time he had served as Assistant and Associate Professor at Ball State College from his graduation in 1931 until he returned to his alma mater. In 1942 he was promoted to Assistant Professor at this University and by 1948 he had earned the rank of full Professor.

As a faculty member, he served the department and its students well. He taught a variety of courses and made an important contribution to keeping the department functioning and on an even keel during the war years. He was much involved in the intellectual and administrative life of the department.

Dr. Heimberger was selected in 1945 to begin what was to become a distinguished career in university administration. The department’s loss was the University’s gain. Dr. Heimberger distinguished himself as Acting Secretary, Assistant Dean and Dean of the College of Arts and Sciences and beginning in 1951 until his retirement in 1964 as Vice President. It can clearly be said that Dr. Heimberger was an administrator who had a considerable and positive impact on the development of this University.

It is fitting testimony to his contribution that 18 years after his retirement, the Columbus Citizen Journal in an editorial praised his role in the defense of academic freedom. Dr. Heimberger was honored by the American Association of University Professors for his devotion to this cause. Given the difficult times and the cross pressures of high administrative office, these were perhaps his finest hours and a legacy to be remembered. As an administrator, he never forgot that he was a faculty member first.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board’s heartfelt sympathy.
RESOLUTIONS IN MEMORIAM (contd)

Donald J. Hoff

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 25, 1982, of Donald Jerome Hoff, Professor Emeritus in the Department of Agronomy.

Dr. Hoff was born in Cherhill, Alberta, Canada, in 1922. His early years on a wheat and cattle farm in Canada provided a background that was exceedingly helpful in his professional career. Upon completion of high school in Edmonton, Canada, he served for three years in the Canadian army with participation in the African and Italian Campaigns of World War II. He earned a Bachelor of Science in Agriculture degree in 1951 and a Master of Science degree in Soils in 1953, both at the University of Alberta. He received the Doctor of Philosophy degree from The Ohio State University in 1956. Don became an Assistant Professor in the OSU Department of Agronomy in 1956 and was promoted to Associate Professor in 1961 and Professor in 1966.

From 1956 to 1959, Dr. Hoff conducted research on soil fertility and crop production at the Ohio Agricultural Research and Development Center at Wooster. During the following four years, he served as Soil Scientist with the OSU Educational and Research Mission to India. He was located at the College of Agriculture in Udaipur where he was advisor to the Soil Chemistry Department. Upon returning to Ohio, Dr. Hoff continued his research on soil fertility with particular emphasis on manganese effects on soybean production. In addition, he taught courses in soil fertility, soil erosion and soil management. These courses brought him into contact with hundreds of students who will long remember him for his dynamic and inspired teaching. Dr. Hoff served as Director of The Ohio State University Soil Testing Laboratory in 1966.

Dr. Hoff had a broad knowledge of tobacco production and was also widely recognized for his leadership in soil fertility research on various crops. He published research papers in several scientific journals and was particularly noted for his use of the Composite Design in his research.

Don was a member of the American Society of Agronomy, Soil Science Society of America, International Soil Science Society and the American Association for the Advancement of Science. He was named a fellow of the latter society in 1964.

Those who worked closely with Don, respected his personal integrity, his devotion to his work, his pride in his teaching and research, and his warmth and kindness. He will be long remembered for his excellence in teaching and his emphasis on the fundamental concepts of learning.

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.
The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 17, 1982, of W. Lloyd Sprouse, Director of Admissions Emeritus.

Dr. Sprouse was born on January 20, 1896, in Georgetown, Ohio. He received his Bachelor of Arts degree from Ohio University in 1921. He later attended The Ohio State University and received his Master of Arts degree in 1928 and his Doctor of Philosophy degree in 1940.

Dr. Sprouse served as a high school administrator from 1921 through 1938. He served as a principal in Mannington, West Virginia; Kenton, Ohio; and Logansport, Indiana, where he also was superintendent of schools.

Dr. Sprouse's career in higher education began as a member of the faculty at the University of Buffalo and later at the University of Rochester where he became Assistant Professor of Education. He returned to Ohio in 1944 as Director of the Division of Instruction for the Department of Education of the State of Ohio.

In 1957, Dr. Sprouse was appointed University Examiner at The Ohio State University, a title that was changed to Director of Admissions in 1962. Initially, he was appointed as Assistant University Examiner in 1946. During the post World War II era, the student enrollment at The Ohio State University increased from approximately 12,000 to more than 40,000. Dr. Sprouse will be remembered for his administrative leadership in effectively managing the admission of the “tidal wave” of all students to the University during this unprecedented growth in student enrollment. He retired in 1966 and was recognized with title, Director of Admissions Emeritus.

Dr. Sprouse was involved in numerous professional and community groups. He was an active member of Phi Delta Kappa and the American Association of Collegiate Registrars and Admissions Officers and served the Methodist Church at the local level at Circleville, Ohio, as well as the District and State levels. He was a veteran of World War I serving with the Army Engineers in France and took part in the Argonne Drive.

Dr. Sprouse exemplified the ideal of integrity in the sensitive role of an admissions officer and was a dedicated administrator of the University. His wit and charm and his compassion for friends and colleagues were his hallmarks.

On behalf of the University, the Board of Trustees expresses to the family of Dr. Sprouse 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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October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 83-44

Synopsis: The reports on contracts, grants, and gifts and the summary for August 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 month of August 1982, be approved.

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

SUMMARY FOR AUGUST 1982

<table>
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<tr>
<th>Source</th>
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<th>Support Level</th>
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<td>The Ohio State University Research Foundation</td>
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$8,662,168.63

Office of Business and Finance

Establishment of Named Fund

The Ohio State University Name and Seal Scholarship Fund (Scholarships) $ 50,000.00
October 1, 1982 meeting, Board of Trustees

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

SUMMARY FOR AUGUST 1982 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Harold E. Collins Scholarship Fund
(Scholarships—U. S. citizens majoring in science) $ 460,064.16

Doctors Milton M. and Harriet H. Parker Fund for Psychiatry and Human Genetics
(College of Medicine and Department of Psychiatry) $ 25,423.99

The Ray W. Poppleton Memorial Fund
(College of Medicine) $ 25,000.00

The Billy Amicon Memorial Fund
(Golf program) $ 10,000.00

The Human Nutrition and Food Management Endowment Fund
(Department of Human Nutrition and Food Management) $ 5,607.50

Report from Presidents Club

Members to date 4,555
1982 members: year to date 91
New members - August 1982 4

New Presidents Club Members - August 1982

Barbara M. Landolfi
Harold A. McMaster

Mark E. Meyers
Michael I. Para
October 1, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

$3,500,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1982 through 30 September 1983. (Project 760081 - Continuation)

$482,437.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt and M. S. Beattie), Department of Anatomy (J. S. King and J. C. Bresnahan), Department of Physiology (D. H. Noyes and B. T. Stokes), Department of Physiological Chemistry (L. A. Horrocks), Department of Medicine (N. R. Clendenon), and Department of Pathology (A. J. Yates), 1 September 1982 through 31 August 1983. (Project 763358 - Continuation)

$400,000.00 - National Science Foundation, Washington, D. C., Charge Transfer at Interfaces, Department of Physics (J. C. Garland), 15 July 1982 through 31 July 1983. (Project 763216 - New)

$373,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant, Rockville, Maryland, The Ohio Sea Grant Program - 1982-1983, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1982 through 31 August 1983. (Project 762833 - Continuation)


$153,436.00 - Environmental Protection Agency, Region V, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. Stiefel), 1 July 1982 through 30 June 1983. (Project 762280 - Continuation)

$108,956.00 - National Science Foundation, Washington, D. C., Study of Modified Carbon/Gaphritic Surfaces for Electrocatalysis, Department of Chemistry (T. Kuwana), 1 August 1982 through 31 July 1983. (Project 762782 - Continuation)
Federal Research Contracts/Grants (contd)

$106,867.00 - 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 1982 through 30 June 1983. (Project 761229 - Continuation)

$102,000.00 - Environmental Protection Agency, Washington, D. C., Application of Recombinant DNA Technology to Methane Biogenesis, Department of Microbiology (J. N. Reeve), 1 September 1982 through 31 August 1984. (Project 763263 - New)


$98,276.00 - 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 1982 through 31 July 1983. (Project 760039 - Continuation)


$90,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant, Office of International Programs in Agriculture (D. O. Hansen), 1 September 1982 through 31 August 1983. (Project 761863 - Continuation)

$90,000.00 - National Science Foundation, Washington, D. C., Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. H. Ives), 15 September 1982 through 31 August 1984. (Project 763258 - New)

October 1, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$75,598.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (L. J. Wallace), 1 September 1982 through 31 August 1983. (Project 761266 - Continuation)

$67,287.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 September 1982 through 31 August 1983. (Project 761187 - Continuation)

$67,282.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, 17O and 31P NMR of Biophosphates, Department of Chemistry (M. D. Tsai), 1 August 1982 through 31 July 1983. (Project 763228 - New)

$62,608.00 - 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), 1 August 1982 through 30 June 1983. (Project 763223 - New)


$55,803.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biotransformations of Estrogens and Cancer, College of Pharmacy (R. W. Brueggemeier), 1 July 1982 through 30 June 1983. (Project 762304 - Continuation)

$51,049.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bureau of Community Health Services, Rockville, Maryland, Development and Validation of an Interdisciplinary Screening Tool, Nisonger Center for Mental Retardation (W. E. Loadman and F. A. Benson), 1 October 1982 through 30 September 1983. (Project 762390 - Continuation)
October 1, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$49,016.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Thymidylate Synthetase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 September 1982 through 31 August 1983. (Project 762903 - Continuation)


$44,091.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Learning in Brain-Damaged Human Infants and Animals, Department of Psychology (G. G. Berntson), 1 July 1982 through 30 June 1983. (Project 762736 - Continuation)

$40,075.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion: Human and Animal Studies, Department of Otolaryngology (D. J. Lim), 1 September 1982 through 30 November 1982. (Project 760043 - Continuation)

$38,950.00 - National Science Foundation, Washington, D. C., Microcomputer Control of Machine Tool Feed Drives, Department of Mechanical Engineering (K. Srinivasan), 1 October 1982 through 30 September 1983. (Project 762809 - Continuation)

$35,000.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Ohio State-Purdue Program at the Pushkin Institute, Moscow, USSR, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 August 1982 through 30 April 1983. (Project 763226 - New)

$35,000.00 - National Science Foundation, Washington, D. C., Characterization of Tegumentary Membrane-Bound Enzymes of Gastrointestinal Parasites, Department of Zoology (R. W. Pappas), 1 November 1981 through 31 October 1983. (Project 762358 - Continuation)

$34,217.00 - National Science Foundation, Washington, D. C., The Systematics and Evaluation of the Ulotrichales (Chlorophyta), Department of Botany (G. L. Floyd and C. J. O'Kelly), 1 September 1982 through 31 August 1984. (Project 763238 - New)
October 1, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$34,200.00 - Department of the Army, Natick Research and Development Command, Natick, Massachusetts, TCM Replacement, Department of Civil Engineering (A. J. Rubin), 1 August 1982 through 21 August 1983. (Project 762682 - Continuation)

$30,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 July 1982 through 30 September 1982. (Project 762612 - Continuation)

$28,607.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, The Effects of Fatigue on Cockpit Communication and Resource Management, Department of Aviation (R. S. Jensen and A. Lerch), 1 August 1982 through 30 November 1982. (Project 763247 - New)

$28,000.00 - National Science Foundation, Washington, D. C., Wave Dynamics in Curved and in Flat Space-Times, Department of Mathematics (U. H. Gerlach), 1 August 1982 through 31 July 1984. (Project 763234 - Continuation)

$19,034.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Environmental and Genetic Effects on Gravity Receptors: A Morphological, Physiological and Behavioral Study, Department of Otolaryngology (D. J. Lim), 1 July 1982 through 31 December 1982. (Project 760657 - Continuation)

$15,000.00 - Department of Energy, Argonne, Illinois, University Reactor Sharing Program, Engineering Experiment Station (B. K. Hajek), 1 September 1982 through 31 August 1983. (Project 762411 - Continuation)

$14,000.00 - Department of Defense Dependent Schools, Panama City, Panama, Teacher's Manual in Gifted and Talented Education, Academic Faculty of Exceptional Children (R. H. Swassing), 18 July 1982 through 1 May 1983. (Project 763239 - New)

$9,993.00 - 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 July 1982 through 28 February 1983. (Project 761012 - Continuation)

$9,582.00 - National Science Foundation, Washington, D. C., Ovarian Control of Parturition and Postpartum Estrus in the Tammar Wallaby, Department of Zoology (J. D. Harder), 1 August 1982 through 31 July 1983. (Project 763249 - New)
October 1, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$8,219.00 - National Science Foundation, Washington, D. C., Microparticle Analysis and Glaciological Interpretation of the 500-m Ice Core, South Pole Antarctica, Institute of Polar Studies (D. H. Elliot, E. Mosley-Thompson, and L. Thompson), 1 October 1982 through 30 September 1983. (Project 762875 - Continuation)

$6,950.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Role of Glycolipids in Glioma Resistance to Cytolysis, Department of Pathology (A. J. Yates), 1 February 1982 through 31 January 1983. (Project 762989 - Continuation)


$5,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Measurements of Chromospheric Densities and Geometrical Extensions of Late-Type Giants and Supergiant Stars, Department of Astronomy (R. F. Wing), 1 September 1982 through 31 August 1983. (Project 763257 - Continuation)

$2,951.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 August 1982 through 31 August 1982. (Project 761628 - Continuation)

$2,656.00 - 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 1982 through 30 June 1983. (Project 762298 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $7,162,449.00

State of Ohio Research Contracts/Grants

$21,800.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Psychology, Department of Psychology (H. L. Mirels), 1 July 1982 through 30 June 1983. (Project 762865 - Continuation)
October 1, 1982 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)

$21,130.00 - 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)

$16,500.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Social Work, College of Social Work (T. Meenaghan), 1 July 1982 through 30 June 1983. (Project 762864 - Continuation)

$14,449.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Tyrosine for Hyperkinesis, Department of Psychiatry (L. E. Arnold), 1 August 1982 through 30 June 1983. (Project 763240 - New)

$12,416.00 - Ohio Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus 1982-83, Department of Photography and Cinema (J. R. Green), 1 July 1982 through 30 June 1983. (Project 763254 - Continuation)

$2,875.00 - Ohio Arts Council, Columbus, Ohio, Public Presentations by Photographers, Department of Photography and Cinema (J. R. Green), 1 July 1982 through 30 June 1983. (Project 763252 - Continuation)

$2,722.00 - The Ohio Program in the Humanities, Columbus, Ohio, Broadcast of the 1982 Boyd H. Bode Memorial Lecture, Telecommunications Center (D. K. Ouzts), 5 April 1982 through 31 May 1982. (Project 763070 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 91,892.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$330,091.00 - Pennwalt Corporation, King of Prussia, Pennsylvania, Genetic Improvement of Biological Pesticides, Departments of Microbiology and Genetics (D. H. Dean), 1 September 1982 through 31 August 1985. (Project 763256 - New)

$107,304.00 - Syntex (USA), Palo Alto, California, Evaluation of LH/FSH-RH Analog in Female Baboons, Department of Obstetrics and Gynecology (V. C. Stevens), 1 May 1980 through 29 June 1983. (Project 763237 - New)

$86,990.00 - The Analytic Sciences Corporation, Reading, Massachusetts, Navigation System Simulation, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 1 September 1982 through 30 September 1983. (Project 762842 - Continuation)
October 1, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$74,000.00 - International Business Machines Corporation, White Plains, New York, Generic Instrumentation, College of Pharmacy (C. L. Olson and J. M. Jagadeesh), 1 June 1982 through 31 May 1983. (Project 762771 - Continuation)

$73,130.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 22 July 1982 through 31 December 1982. (Project 760982 - Continuation)

$63,435.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Medicine (J. R. Mendell), 1 July 1982 through 30 June 1983. (Project 761360 - Continuation)

$63,029.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Department of Microbiology (H. R. Blackwell), 1 July 1982 through 31 August 1983. (Project 760716 - Continuation)

$50,000.00 - The Aerospace Corporation, Los Angeles, California, Antenna and Radome Analysis and Design, Department of Electrical Engineering, Electro-Science Laboratory (R. C. Rudduck), 1 October 1982 through 31 December 1983. (Project 762637 - Continuation)


$39,208.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Interdisciplinary Study of Basic Wear Mechanisms in Metals, Department of Metallurgical Engineering (D. A. Rigney), 15 April 1982 through 14 April 1983. (Project 763066 - New)


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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$18,000.00 - Central Ohio Heart Chapter, Inc., Columbus, Ohio, Vascular Changes in Placental Bed in Hypertensive Pregnancy, Department of Obstetrics and Gynecology (R. W. O'Shaughnessy), 1 October 1982 through 30 September 1983. (Project 763244 · New)

$14,175.00 - San Jose State University Foundation, San Jose, California, Theoretical Analysis of Impurity Band Broadening and Bandgap Narrowing in Semiconductor Materials, Department of Physics (L. C. Brown), 1 June 1982 through 30 September 1982. (Project 762740 · Continuation)

$12,817.00 - 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 1982 through 31 July 1983. (Project 763248 · New)

$12,000.00 - Ross Laboratories, Columbus, Ohio, Blue Cross of Central Ohio, Columbus, Ohio, and Children's Hospital, Columbus, Ohio, Community Program for Affordable Health Care Proposal, School of Allied Medical Professions (S. F. Loëbs), 15 July 1982 through 15 October 1982. (Project 763230 · New)

$11,685.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1982 through 30 September 1983. (Project 762866 · Continuation)

$8,540.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Centers Program (AHEC) Allied Medicine Support, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1981 through 30 September 1982. (Project 762889 · Continuation)

$7,700.00 - American Heart Association, Dallas, Texas, Antiallergic Actions of New Trimetoquinol Analogs, in Vivo, College of Pharmacy (D. R. Feller), 1 August 1982 through 30 June 1983. (Project 763242 · New)

$6,165.00 - Malaysian Ministry of Education, Kuala Lumpur, Malaysia, In-Service Workshop for Malaysian Teacher Educators, Academic Faculty of Educational Foundations and Research (F. R. Cyphert and J. W. Altschuld), 9 August 1982 through 31 October 1982. (Project 763231 · New)

$5,325.00 - 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 June 1982 through 30 November 1982. (Project 763227 · New)
October 1, 1982 meeting, Board of Trustees

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

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

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>$4,625.00</td>
<td>Iowa State University of Science and Technology, North Central Regional Center for Rural Development, Ames, Iowa, Development of a Solid Waste Economic Planning Model, Cooperative Extension Service-State Operations (J. D. Rohrer), 1 August 1982 through 30 September 1983. (Project 763259 - New)</td>
</tr>
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<td>$4,393.00</td>
<td>International Training and Education Company, Framingham, Massachusetts, Development of “Clerk General Level I” Curriculum, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1982 through 30 September 1982. (Project 763014 - Continuation)</td>
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<td>$3,925.94</td>
<td>North Atlantic Treaty Organization, Brussels, Belgium, Parity Non-Conservation in Nuclei and Nuclear Astrophysics, Department of Physics (T. R. Donoghue), 1 April 1982 through 31 March 1983. (Project 763221 - New)</td>
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<td>$3,714.00</td>
<td>Cincinnati Resource Development Committee, Cincinnati, Ohio, Data Inventory of Vocational Education in Cincinnati Public Schools and Great Oaks Area Vocational School, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1982 through 31 August 1982. (Project 763224 - New)</td>
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<td>$3,200.00</td>
<td>Schering Corporation, Kenilworth, New Jersey, Banamine Irritation Study, Department of Veterinary Clinical Sciences (M. Wyman), 1 August 1982 through 30 September 1982. (Project 763235 - New)</td>
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<td>$3,077.00</td>
<td>Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning), 1 October 1982 through 30 September 1983. (Project 763120 - Continuation)</td>
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<td>$3,000.00</td>
<td>Western Electric Co., Inc., Dublin, Ohio, Analysis of Text Processing Center, Academic Faculty of Vocational-Technical Education (W. D. Dowling), 13 July 1982 through 31 July 1982. (Project 763229 - New)</td>
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<td>$2,950.00</td>
<td>National Alliance of Business, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (J. J. Quaranta), 1 January 1982 through 30 June 1982. (Project 763236 - Continuation)</td>
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</tbody>
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October 1, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$2,950.00 - National Alliance of Business, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (J. J. Quaranta), 1 August 1982 through 31 July 1983. (Project 763232 - Continuation)

$2,108.00 - Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning), 1 October 1982 through 30 September 1983. (Project 763120 - Continuation)

$1,750.00 - Monsanto Co., Monsanto Research Corp., Dayton, Ohio, Radionuclides in Coal Samples, Department of Botany (G. E. Gilbert), 12 July 1982 through 1 October 1982. (Project 763251 - New)

$1,278.00 - Alverno College, Milwaukee, Wisconsin, Alverno College Technical Assistance Agreement, Department of Psychology (M. D. Hakel), 1 April 1982 through 30 September 1982. (Project 763241 - New)

$680.00 - Ohio Wesleyan University, Delaware, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 15 August 1982 through 30 June 1983. (Project 763170 - Continuation)


TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,125,059.63

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$59,000.00 - Electric Power Research Institute (EPRI), Transmission Grounding Task I: Performance Model Tests, Department of Electrical Engineering, September 1, 1982 through August 31, 1983. (EES 529621, Extension 3)

$128,297.00 - Twenty-two sponsors for 22 development projects under the direction of five engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $187,297.00
October 1, 1982 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

$40,000.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, continued support of a study on evolution of leafhoppers and stunting pathogens with maize and its ancestors, Department of Entomology, July 1, 1982 to June 30, 1983. (Contract No. 81-CRCR-1-646)

$38,671.00 - Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois, continued support of a study on evaluation tests of soft winter wheat, Department of Agronomy, September 1, 1982 to August 31, 1983. (Contract No. 58-5198-1-1101)

TOTAL - FEDERAL CONTRACTS/GRANTS $78,671.00

Gifts of $5,000 or More

$ 10,800.00 Union Carbide - Agricultural Products, Inc., Research Triangle Park, North Carolina
$  6,000.00 Dow Chemical Company, Cincinnati, Ohio

TOTAL - GIFTS $16,800.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$595,000.00 Trust Under the Will of William Skou, Akron, Ohio: $500,000.00 for William J. Skou Scholarship Fund and $95,000.00 for Skou Faculty Enrichment Fund.

$ 58,750.00 Trust Under the Will of Anna Roessler, Columbus, Ohio, for Roessler Memorial Medical Scholarship Fund.

$ 50,000.00 Procter & Gamble, Cincinnati, Ohio: $10,000.00 for Chemical Engineering Support Fund; $10,000.00 for Marketing Support Fund; $7,500.00 for Mechanical Engineering Support Fund; $5,000.00 for Chemistry Discretionary Fund; $5,000.00 for Journalism Special Fund; $5,000.00 for Procter & Gamble President's Discretionary Fund; $2,500.00 for Accounting Special Fund; $2,500.00 for Electrical Engineering Special Fund; and $2,500.00 for Elvin F. Donaldson Fund.
October 1, 1982 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)

$ 50,000.00 The Spencer Foundation, Chicago, Illinois, for Spencer Education Scholarship Fund.

$ 46,251.09 Guy Jackson, Chicago, Illinois, for OSU National Merit Scholarship Fund.

$ 21,600.00 Trustees of Lingnan University, New York, New York, for OSU Campaign for China Exchange Fund.

$ 20,000.00 McDonnell Douglas Corporation, St. Louis, Missouri, for SDRC (Structural Dynamics Research Corporation) Fund.

$ 20,000.00 Miles Laboratories, Incorporated, DomeLab Division, West Haven, Connecticut, for Antibiotic Research Fund--Dr. Fass.

$ 18,002.00 Edwin & Julia Dodd Fund No. 2 of the Cleveland Foundation, Cleveland, Ohio for furtherance in extension work in Cuyahoga County Fund.

$ 15,871.00 Dow Chemical USA, Midland, Michigan: $6,000.00 for Plant Pathology Special Fund; $5,000.00 for Chemical Engineering Support Fund; $3,000.00 for Dow Research Fellowship Fund; $1,000.00 for Electrical Engineering Special Fund; $250.00 for Veterinary Medicine Education and Research Fund; $250.00 for Veterinary Pathobiology Research and Development Fund; $100.00 for Henry H. Blau Memorial Fund; $100.00 for undesignated purposes; $75.00 for Home Economics' Programs Fund; $60.00 for Engineering College Special Fund; and $36.00 for Friends of WOSU Fund.

$ 15,000.00 Coop Power, Incorporated, Columbus, Ohio, for Museum of Zoology Fund.

$ 14,725.92 Retinal Consultants, Incorporated, Columbus, Ohio, for Retina Research Fund.

$ 14,720.72 University Eye Surgeons, Inc., Columbus, Ohio: $14,600.00 for Eye Bank Fund and $120.72 for Ophthalmology Photography Fund.

$ 12,525.00 Bethlehem Steel, Bethlehem, Pennsylvania: $6,500.00 for Mechanical Engineering Coal Combustion Fund; $6,000.00 for Bethlehem Steel Fund; and $25.00 for Friends of WOSU Fund.
October 1, 1982 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)

$ 12,000.00 Rohm & Haas Company, Philadelphia, Pennsylvania, for Rohm & Haas Chemical Engineering Fund.

$ 11,097.07 Trust Under the Will of Melvin Moffitt, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

$ 10,965.89 Systems Associates, Columbus, Ohio: $10,299.89 for Cardiology Support Fund and $666.00 for Pacemaker Development Fund.

$ 10,000.00 Elliott & Williams Roses, Dover, New Hampshire, for Alex Laurie Fellowship Fund of the Ohio Florists' Association.

$ 10,000.00 Ohio Cancer Research Association, Columbus, Ohio, for Cancer Research Center Fund.

$ 10,000.00 Worthington Industries, Worthington, Ohio, for Student-Athlete Grant-in-Aid Fund.

$ 9,134.26 Kaplan Halpert Foundation, Incorporated, Columbus, Ohio, for James M. George Fund.

$ 8,581.05 Trust Under the Will of Carl Baldwin, Columbus, Ohio, for Carl and Grace Baldwin Eye Care Fund.

$ 8,000.00 Union Carbide Corporate Foundation, New York, New York, for Union Carbide Corporation Fund.

$ 7,000.00 Central Ohio Center for Economic Education, Columbus, Ohio, for Economic Education Fund.

$ 7,000.00 Standard Oil Company, Cleveland, Ohio, for Geology and Mineralogy Fellowship Fund.

$ 6,000.00 Eli Lilly & Company, Indianapolis, Indiana, for Lilly Research Fund--Dr. Hart.

$ 6,000.00 The Horsburgh & Scott Company, Cleveland, Ohio, for Gear Dynamics Laboratory Fund.

$ 6,000.00 International Fertilizer Development Center, Muscle Shoals, Alabama, for International Fertilizer Development Center Fertilizer Research Fund.
October 1, 1982 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)

$ 6,000.00 Pharmaceutical Manufacturers Association Foundation, Washington, D. C., for Pharmaceutical Manufacturers Association Fellowship Fund.

$ 5,438.74 Eye Physicians & Surgeons, Columbus, Ohio, for Ophthalmology Teaching Fund.

$ 5,300.00 Shell Companies Foundation, Houston, Texas: $2,200.00 for Engineering College Special Fund; $2,000.00 for SDRC (Structural Dynamics Research Corporation) Fund; $650.00 for undesignated purposes; $300.00 for Ag-Econ Fund; $100.00 for Mars G. Fontana Endowment Fund; and $50.00 for Seelbach Family Fund.

$ 5,000.00 CVI Corporation, Columbus, Ohio, for ISE (Industrial Systems Engineering) Advancement Fund.

$ 5,000.00 Kalmbach Feeds, Incorporated, Upper Sandusky, Ohio, for Kalmbach Family Scholarship Fund.

$ 5,000.00 Mobil Foundation, New York, New York, for Mechanical Engineering Coal Combustion Fund.

$ 5,000.00 John C. Patton Fund of the Columbus Foundation, Columbus, Ohio, for Cullman Symposium Fund.

OFFICE OF BUSINESS AND FINANCE

Establishment of Named Funds

The Ohio State University Name and Seal Scholarship Fund

Funds in the amount of $50,000 have been made available as a result of royalty income from the University’s Name and Seal Licensing Program, as authorized at the September 6, 1974 meeting of the Board of Trustees. These funds and any subsequent funds made available for this purpose are to be invested 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.

As specified in the resolution adopted by the Board in 1974, funds received through the licensing of the use of the University’s identifying marks are to be used to supplement this University’s scholarship funds. An appropriate budget account has been so designated to receive these funds.
October 1, 1982 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND FINANCE (contd)

Establishment of Named Funds (contd)

The Ohio State University Name and Seal Scholarship Fund (contd)

Students who have demonstrated academic ability and the need for financial assistance shall receive first consideration for scholarships awarded from this fund. Awards are to be made from the interest income accrued in the budget account. Selection of the recipient(s) and authorization of expenditures from the fund are to be made jointly by the University Scholarship Committee and the Office of Business and Finance.

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 licensing of the University's identifying marks.

September 6, 1974

Use of University's Name and Seal

Action was initiated in November, 1973 by the Vice President for Business and Administration to cause to be registered with the United States Patent Office the name and seal of The Ohio State University, as a means of establishing control over the use of the University's name and seal by persons or organizations not associated with the University or with the State of Ohio.

In so doing the University may now control the use of its name and seal to (1) prevent any use that reflects unfavorably on the University, and (2) provide a supplement to this University's scholarship funds from all funds received through the licensing of the University's name and seal.

President Enarson recommended that the program for the controlled use of the University's name and seal as described be authorized and implemented.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

The Harold E. Collins Scholarship Fund

The Harold E. Collins Scholarship Fund was established October 1, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Harold E. Collins, B.S.Agr. '26, M.S. '29.

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

The Harold E. Collins Scholarship Fund (contd)

One-half of the annual income is to be used for one or more scholarships for undergraduate students who are U.S. citizens and majoring in science. Recipients are to be selected by the University Committee on Student Financial Aids. The remaining one-half income is to be added to the principal of the fund each year.

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 for support of the sciences at the University.

Doctors Milton M. and Harriet H. Parker Fund for Psychiatry and Human Genetics

The Doctors Milton M. and Harriet H. Parker Fund for Psychiatry and Human Genetics was established October 1, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Harriet H. Parker, B.A. ’32, M.S. ’33, Ph.D. ’36; and her husband, Milton M. Parker, M.A. ’36, Ph.D. ’39, M.D. ’43, 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 is to be used for research, teaching and treatment in psychiatry and human genetics. All expenditures are to be approved by the Chairman of the Department of Psychiatry and the Dean of the College of Medicine.

Should the need for this application of the 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 psychiatry and human genetics education.

The Ray W. Poppleton Memorial Fund

The Ray W. Poppleton Memorial Fund was established October 1, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Ethel V. Poppleton, B.A. ’18, 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.
October 1, 1982 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 Ray W. Poppleton Memorial Fund (contd)

The annual income is to be used by the College of Medicine to provide grants for research and the advancement of medical knowledge in the areas of orthopedics and diseases of the spinal cord. The selection of the recipient(s) of the annual grant shall be made upon the recommendation of 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 of the University with preference being given to recommendations from the appropriate administrative officials of the University who are then responsible for administering programs of research in the College of Medicine.

The Billy Amicon Memorial Fund

The Billy Amicon Memorial Fund was established October 1, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Billy Amicon, 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 in support of any facet of the University golf program such as intramurals, varsity or other related activities with determination at the discretion of the University Director of Athletics.

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 appropriate administrative official of the University who is then directly responsible for intercollegiate athletics and/or intramural or recreation programs.

The Human Nutrition and Food Management Endowment Fund

The Human Nutrition and Food Management Endowment Fund was established October 1, 1982, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of the Department of Human Nutrition and Food Management of the School 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.
October 1, 1982 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 Human Nutrition and Food Management Endowment Fund (contd)

The annual income is to be used to further programs in the Department of Human Nutrition and Food Management that are selected by the Chairperson upon the recommendation of an advisory committee within 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 the recommendations from the appropriate administrative official of the University who is then directly responsible for the School of Home Economics.

EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS

ENERGY MODIFICATIONS TO JOURNALISM BUILDING, MACQUIGG LABORATORY, VETERINARY HOSPITAL, UNIVERSITY HALL, HOWLETT HALL, AND ROBINSON LABORATORY
Resolution No. 83-45

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS 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 are necessary to eliminate energy waste and excessive equipment operation; and

WHEREAS $88,500 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 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
EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS (contd)

ENERGY MODIFICATIONS TO JOURNALISM BUILDING, MACQUIGG LABORATORY, VETERINARY HOSPITAL, UNIVERSITY HALL, HOWLETT HALL, AND ROBINSON LABORATORY (contd)

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. Havens, 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. 83-46

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:

MARION REGIONAL CAMPUS ROAD AND PARKING LOT RENOVATIONS

Description: Repave the campus entry road and two parking lots; add drains and curbs, including loading dock area; reseal walkways from parking lots; and elevate and drain entry walk to Marion Technical Building.

General Contract

<table>
<thead>
<tr>
<th>Date Received:</th>
<th>August 12, 1982</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Bids:</td>
<td>2</td>
</tr>
<tr>
<td>Low Bid:</td>
<td>$263,992.18*</td>
</tr>
<tr>
<td>High Bid:</td>
<td>$306,845.50*</td>
</tr>
<tr>
<td>Estimate of Cost:</td>
<td>$290,610.40*</td>
</tr>
<tr>
<td>Awarded to:</td>
<td>Central Ohio Asphalt Paving, Hilliard, Ohio</td>
</tr>
</tbody>
</table>

*Recommended alternates reflected in these figures.
October 1, 1982 meeting, Board of Trustees

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

MARION REGIONAL CAMPUS
ROAD AND PARKING LOT RENOVATIONS (contd)

Electrical Contract

Date Received: August 12, 1982
No. of Bids: 3
Low Bid: $ 12,525.00
High Bid: $ 17,021.60
Estimate of Cost: $ 15,555.00
Awarded to: Whitaker-Merrell Company, Columbus, Ohio

Total All Contracts: $276,517.18
Total Contingency Allowance: $ 20,076.38 which is 7 per cent of construction contract
Total Project Cost: $362,000.00
Funding: H.B. 552 Branch Campuses Utilities and Renovation

FAWCETT CENTER FOR TOMORROW ROOF REPLACEMENT

Description: Extensive roof repairs to prevent severe water damage to the interior of Fawcett Center for Tomorrow.

General Contract

Date Received: August 25, 1982
No. of Bids: 8
Low Bid: $168,000.00
High Bid: $277,218.00
Estimate of Cost: $370,000.00
Awarded to: B & J Roofing & Sheet Metal, Inc., Toledo, Ohio

Total Contract: $168,000.00
Total Contingency Allowance: $ 13,794.00 which is 8 per cent of construction contract
FAWCETT CENTER FOR TOMORROW ROOF REPLACEMENT (contd)

Total Project Cost: $185,000.00
Funding: Budget Account 885182 (Local)

WINDOW REPLACEMENT - PROJECT C (HASKETT HALL)

Description: Installation of new windows to replace the existing deteriorated and energy inefficient units.

General Contract

Date Received: August 24, 1982
No. of Bids: 3
Low Bid: $163,674.00*
High Bid: $315,791.00*
Estimate of Cost: $233,000.00*
Awarded to: Condit Construction Products, Inc., Columbus, Ohio

Total Contract: $163,674.00*
Total Contingency Allowance: $ 8,184.84 which is 6 per cent of construction contract

Total Project Cost: $176,000.00*
Funding: H.B. 552, Utilities and Renovation, Item 315-074 (1981-83 Biennium)

*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 Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--o--
October 1, 1982 meeting, Board of Trustees

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
GROUP LIFE AND HEALTH CARE INSURANCE
POLICIES 58175-GTC AND 58175-GTC-100

Resolution No. 83-47

Synopsis: Changes in group life and health care benefits are proposed.

WHEREAS the University presently insures certain life and health care benefits for all regular faculty/staff of the University and their eligible dependents under John Hancock group insurance policies 58175-GTC and 58175-GTC-100; and

WHEREAS based on a review and analysis of the University benefits program it has been determined that certain changes/modifications in the John Hancock life and health care coverages should be implemented; and

WHEREAS the changes as proposed have been reviewed with the appropriate administrative offices, the Faculty Compensation and Benefits Committee, and the benefit consulting firm of William M. Mercer, Incorporated; and

WHEREAS it has been recommended that effective October 1, 1982, the following changes be adopted by the University:

<table>
<thead>
<tr>
<th>Present</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surgical Schedule Maximum Reimbursement</td>
<td>$800</td>
</tr>
<tr>
<td>Maximum Anesthesia Benefit</td>
<td>25% of above</td>
</tr>
<tr>
<td>Second/Third Surgical Opinion Expense</td>
<td>80% after meeting major medical deductible</td>
</tr>
<tr>
<td>In-Hospital Medical Expense</td>
<td></td>
</tr>
<tr>
<td>1st Day</td>
<td>$20</td>
</tr>
<tr>
<td>2nd Day - 4th Day</td>
<td>10</td>
</tr>
<tr>
<td>5th Day - 120th Day</td>
<td>8</td>
</tr>
<tr>
<td>Diagnostic Lab and X-Ray Expense</td>
<td>80% after meeting major medical deductible</td>
</tr>
</tbody>
</table>
Major Medical Expense
other than nervous or mental conditions

<table>
<thead>
<tr>
<th>Present</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifetime Benefit</td>
<td>$100,000 for covered conditions existing prior to October 1, 1982</td>
</tr>
<tr>
<td>Individual Deductible</td>
<td>$50</td>
</tr>
<tr>
<td>Family Deductible</td>
<td>2 members</td>
</tr>
</tbody>
</table>

The new deductible amount will only apply on October 1, 1982 to faculty/staff members hired after that date. For all others the current deductible shall remain in effect until January 1, 1983 when the $100 deductible shall become effective.

Out-of-Pocket Expense
after $1,000 of covered but unreimbursed medical expenses, plan pays 100% of covered medical expenses for current year plus 3 additional years
after $1,000 of covered but unreimbursed medical expenses, plan pays 100% of covered medical expenses for current year plus one additional year

Continuation of Life Insurance for Disabled Faculty/Staff
to age 70
for three years from date of disability

Routine Infant Examination Expense
no benefit
100% of reasonable and customary charges for 6 health exams following the first six months after birth

NOW THEREFORE:

BE IT RESOLVED, That effective October 1, 1982, the above benefit changes be implemented under group policies 58175-GTC and 58175-GTC-100 as underwritten by John Hancock Mutual Life Insurance Company.

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

--o--
October 1, 1982 meeting, Board of Trustees

OHIO MEDICAL INDEMNITY MUTUAL CORPORATION
GROUP VISION INSURANCE

Resolution No. 83-48

Synopsis: Changes in group vision insurance contract are proposed.

WHEREAS on February 3, 1978, the Board awarded a contract effective April 1, 1978 to Ohio Medical Indemnity Mutual Corporation for providing group vision insurance to all regular faculty/staff of the University; and

WHEREAS certain changes in the group vision coverages have been proposed and discussed with appropriate administrative offices and the Faculty Compensation and Benefits Committee; and

WHEREAS it has been recommended that effective October 1, 1982 the following changes be adopted by the University:

<table>
<thead>
<tr>
<th>Vision Exam</th>
<th>Present</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lenses - Per Pair</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single</td>
<td>$20</td>
<td>$25</td>
</tr>
<tr>
<td>Bifocal</td>
<td>20</td>
<td>30</td>
</tr>
<tr>
<td>Trifocal</td>
<td>32</td>
<td>40</td>
</tr>
<tr>
<td>Contacts (medically necessary)</td>
<td>44</td>
<td>60</td>
</tr>
<tr>
<td>Lifetime Maximum</td>
<td>150</td>
<td>160</td>
</tr>
<tr>
<td>Frame</td>
<td>250</td>
<td>No Limit</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>25</td>
</tr>
</tbody>
</table>

NOW THEREFORE

BE IT RESOLVED, That Ohio Medical Indemnity Mutual Corporation continue to provide the group vision care insurance program at a monthly premium of $1.63 per faculty/staff member--to be paid by the University. The monthly premium for dependent coverage will be: one additional person, $1.63; family, $4.65; these premiums to be paid by the participating faculty/staff members; and

BE IT FURTHER RESOLVED, That this coverage be provided by Ohio Medical Indemnity Mutual Corporation for a two-year period effective October 1, 1982, with premium and performance of the carrier to be reviewed annually and with the insurance contract remaining in force after this two-year term until the Board of Trustees deems it appropriate to seek new quotations.

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

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October 1, 1982 meeting, Board of Trustees

COLUMBUS TELEPORT CORPORATION

Resolution No. 83-49

Synopsis: Authorization for the University to participate in the Columbus Teleport Corporation is being requested.

WHEREAS, The Ohio State University through its Telecommunications Center (WOSU-AM, WOSU-FM and WOSU-TV) is experienced in satellite communications and has provided satellite services to the Columbus community since June, 1978; and

WHEREAS, The Ohio State University has been presented with the opportunity to join with business and industry in the greater Columbus community to form a satellite telecommunications corporation; and which opportunity will provide educational and economic benefits; 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 a Columbus-based satellite telecommunications corporation to be known as the Columbus Teleport Corporation:

NOW THEREFORE BE IT RESOLVED

That the Treasurer of the Board of Trustees be authorized to purchase shares in the amount not to exceed $35,000.00 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 that the President and/or Vice President for Business and Finance be authorized to sign the Pre-Incorporation Agreement and Articles of Incorporation upon such terms and conditions as are deemed to be in the best interests of the University.

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 - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-50

RESOLVED, That the report on the University's Investment Portfolio, dated September 17, 1982, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--o--
October 1, 1982 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, November 5, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  Warren J Smith
Secretary  Chairman
Page 200 is blank
The Board of Trustees met at its regular monthly meeting on Friday, November 5, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
November 5, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 12:15 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.


The meeting of the Board of Trustees reconvened at 1:45 p.m.

ADOPTION OF OFFICIAL SHIELD FOR COLLEGE OF OPTOMETRY
Resolution No. 83-51

Synopsis: Adoption of an official shield for the College of Optometry is recommended.

WHEREAS various colleges in the health professions at The Ohio State University have "patches" or "shields" symbolic of their colleges/schools; and

WHEREAS other colleges of optometry have such representative emblems; and

WHEREAS the faculty and students of the College of Optometry have developed and approved a design for The Ohio State University College of Optometry which is symbolic of optometry and the University:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the design of the emblematic "patch" or "shield" for the College of Optometry as submitted by the Dean of the College of Optometry; and

BE IT FURTHER RESOLVED, That the original copy of the shield and its description be filed with the official records of the University.

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

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DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT
Resolution No. 83-52

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 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 December 10, 1982, 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 Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-53

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointment of Chairman of Department; Promotion with Tenure; Medical Staff-Appointments; Medical Staff-Reappointments; Leaves of Absence Without Salary; Leave of Absence Without Salary-Change of Date; Professional Improvement Leave; 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 October 1, 1982 meeting of the Board, including the following Appointments; Appointment of Chairman of Department; Promotion with Tenure; Medical Staff-Appointments; Medical Staff-Reappointments; Leaves of Absence Without Salary; Leave of Absence Without Salary-Change of Date; Professional Improvement Leave; Professional Improvement Leave-Cancellation; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

| Name:       | THOMAS L. SWEENEY |
| Title:      | Associate Vice President for Research |
| Office:     | Research and Graduate Studies |
| Effective:  | October 1, 1982 |
| Salary:     | $56,040.00 |
| Present Position: | Professor, Department of Chemical Engineering |
November 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: ALBERT L. CLOVIS
Title: Professor (Newton D. Baker Professorship in Law)
College: Law
Effective: October 1, 1982
Salary: $60,480.00
Present Position: Professor, College of Law

Name: WALTER K. MCPHERSON
(Vice, Sidney D. Jeffe, who resigned October 31, 1982)
Title: Director, Transportation Research Center of Ohio, Engineering Experiment Station
Effective: November 1, 1982
Salary: $60,000.00
Present Position: Deputy Director, TRC

Appointment of Chairman of Department

October 1, 1982 through June 30, 1983

Architecture

*Paul E. Young, Jr.

*Acting Chairman

Promotion with Tenure

Name: DAVID L. JOHNSON
Title: Assistant Professor
From: Natural Resources
To: Associate Professor with tenure
School: Natural Resources
Effective: November 1, 1982

Medical Staff--Appointments

Effective July 14, 1982

Madhu Bhatia, M.D. Transfer from Limited Staff in General Psychiatry to Limited Staff in Child Psychiatry
Clinical Instructor H.S.

Richard Bump, M.D. Courtesy Staff in Family Medicine in addition to Attending Staff in Obstetrics and Gynecology Assistant Professor

Christopher M. Copeland, M.D. Attending Staff in Obstetrics and Gynecology Clinical Assistant Professor
Medical Staff--Appointments (contd)

Effective July 14, 1982 (contd)

Evan Dixon, M.D. Transfer from Limited to Courtesy Staff in Cardiology
William B. Ferrar, M.D. Attending Staff in General Surgery and Surgical Oncology
James Ferraro, M.D. Courtesy Staff in Family Medicine in addition to Attending Staff in General Surgery
William R. Finkelmeier, M.D. Limited Staff in General Surgery Courtesy Staff in Allergy
Roger Friedman, M.D. Clinical Instructor H.S.
Jerry B. Magone, M.D. Limited Staff in Orthopaedic Surgery Clinical Instructor H.S.
Scott A. McIlroy, M.D. Courtesy Staff in Obstetrics and Gynecology Clinical Instructor
Diana Wasserman, M.D. Courtesy Staff in Family Medicine in addition to Courtesy Staff in Pediatrics Clinical Assistant Professor
Marc C. Watson, M.D. Limited Staff in General Surgery (Fellow in Peripheral Vascular Surgery) Clinical Assistant Professor

Effective September 8, 1982

Douglas Anderson, D.D.S. Transfer from Courtesy Staff to Attending Staff in Oral and Maxillofacial Surgery Clinical Assistant Professor
Mark E. Clasen, M.D. Attending Staff in Family Medicine Assistant Professor
Charles T. Cloutier, M.D. Attending Staff in General Surgery and Emergency Medicine Associate Professor
Matthew E. Dangel, M.D. Attending Staff in Ophthalmology Assistant Professor
James C. English, M.D. Limited Staff in Family Medicine Clinical Instructor H.S.
Joseph D. Fishel, M.D. Limited Staff in Family Medicine Clinical Instructor H.S.
Roger A. Friedman, M.D. Courtesy Staff in Pediatrics Clinical Assistant Professor
Timothy R. Gatens, M.D. Courtesy Staff in Physical Medicine and Rehabilitation Clinical Instructor
PERSONNEL ACTIONS (contd)

Effective September 8, 1982 (contd)

Stephen A. Koff, M.D. Attending Staff in Urology Associate Professor
Jeff E. Mandel, M.D. Limited Staff in Anesthesiology Clinical Instructor H.S.
Michael J. Meagher, M.D. Courtesy Staff in Neurological Surgery Clinical Instructor
Hani Nabi, M.D. Limited Staff in Nuclear Medicine Clinical Instructor H.S.
Greg Offenburger, D.D.S. Transfer from Courtesy Staff to Attending Staff in Oral and Maxillofacial Surgery Clinical Assistant Professor
Larry J. Peterson, D.D.S. Attending Staff in Oral and Maxillofacial Surgery (Chairman) Professor
Omran M. Shamam, M.D. Limited Staff in Diagnostic Radiology Clinical Instructor H.S.
Kenneth A. Son, M.D. Limited Staff in Urology Clinical Instructor H.S.
Mark A. Straka, D.D.S. Transfer from Limited to Courtesy Staff in Oral and Maxillofacial Surgery Adjunct Assistant Professor
Steven V. Streem, M.D. Attending Staff in Urology Assistant Professor
Chung Kill Yin, M.D. Attending Staff in Radiation Oncology Assistant Professor

Effective October 13, 1982

Ronald Ferguson, M.D. Attending Staff in General Surgery Associate Professor
James E. Gadek, M.D. Attending Staff in Pulmonary Diseases (Division Director) Associate Professor
Richard S. Kyler, M.D. Courtesy Staff in Neurology Clinical Instructor
Mojmir G. Sonek, M.D. Courtesy Staff in Obstetrics and Gynecology Clinical Professor

Medical Staff--Reappointments

Effective July 14, 1982

William F. Bradley, M.D. Courtesy Staff - Endocrinology and Metabolism
Benny Kerzner, M.D. Attending Staff - Pediatrics
James W. Lewis, M.D. Courtesy Staff - Renal Diseases
Michael H. Mishkind, M.D. Courtesy Staff - Renal Diseases
November 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Reappointments (contd)

Effective July 14, 1982 (contd)

John J. Picken, M.D.Courtesy Staff - Pulmonary Diseases
James Vaughn, M.D. Courtesy Staff - Neurology
Reinhard A. Westphal, M.D. Attending Staff - Orthopaedic Surgery
John F. Williams, M.D. Courtesy Staff - Orthopaedic Surgery

Effective September 8, 1982

Joseph R. Bianchine, M.D. Attending Staff - Clinical Pharmacology
Nicholas Gerber, M.D. Courtesy Staff - Obstetrics and Gynecology
Robert R. Kessler, M.D. Courtesy Staff - Orthopaedic Surgery
John Klamar, M.D. Attending Staff - Pediatrics
Ruskin B. Lawyer, M.D. Attending Staff - Orthopaedic Surgery
Charles V. Mattingly, M.D. Courtesy Staff - Cardiology
Arlynn F. Mulne, M.D. Courtesy Staff - Pediatrics

Effective October 13, 1982

Charles R. Block, M.D. Attending Staff - Pediatrics
Arthur L. Clark, M.D. Courtesy Staff - Pediatrics
Salvatore DiCarlo, M.D. Courtesy Staff - Pediatrics
Alex Dubin, M.D. Courtesy Staff - Pediatrics
Uma Gupta, M.D. Courtesy Staff - Pediatrics
L. Robert Polster, M.D. Attending Staff - Pediatrics

Leaves of Absence Without Salary

GEORGE F. WADLINGTON, Professor, Cooperative Extension Service, effective October 1, 1982 through December 31, 1982, for medical reasons.

JOAN E. HERR, Assistant Professor, Department of Human Nutrition and Food Management, effective October 1, 1982 through June 30, 1983, to accompany her husband who is heading a MUCIA project in Burma.

WILLIAM E. WOLFE, Assistant Professor, Department of Civil Engineering, effective October 1, 1982 through December 31, 1982, to accept an assignment at the Air Force Office of Scientific Research, Bolling Air Force Base.
Leaves of Absence Without Salary (contd)

BETH D. GAYDOS, Instructor, Cooperative Extension Service, effective October 18, 1982 through October 31, 1982, for personal reasons.

Leave of Absence Without Salary—Change of Date

HENRY H. GLOVER, Associate Professor, Department of Mathematics, change date of leave from October 1, 1982 through June 30, 1983 to January 1, 1983 through June 30, 1983.

Professional Improvement Leave


Professional Improvement Leave—Cancellation

JAMES C. GARLAND, Professor, Department of Physics, cancel professional improvement leave for Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

Emeritus Titles

EDWARD HOMER BOHL, Department of Veterinary Preventive Medicine, with the title Professor Emeritus, effective October 1, 1982.

FREDERICK P. DICKEY, Department of Physics, with the title Professor Emeritus, effective June 1, 1982.

G. HOWARD PHILLIPS, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective October 1, 1982.

RICHARD ALLAN POPHAM, Department of Botany, with the title Professor Emeritus, effective July 1, 1982.

PAULINE H. VETTER, Cooperative Extension Service, with the title Instructor Emeritus, effective November 1, 1982.

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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November 5, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 83-54

Synopsis: Resolutions honoring the service of three of this 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. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Allan C. Barnes

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 13, 1982, of Allan C. Barnes, former Chairman of the Department of Obstetrics and Gynecology.

Allan Campbell Barnes was born on December 18, 1911, in Coldwater, Michigan.

Dr. Barnes was educated at the Haverford School, Pennsylvania; A.B., Princeton, 1933; M.D., University of Pennsylvania, 1937. He served as a Fellow at Oxford and later received a Master of Science degree at the University of Michigan. Dr. Barnes served his residency in obstetrics and gynecology at the University of Michigan under Norman F. Miller, and his military service in the Medical Corps from 1942 to 1945, when he was retired as a Major. He returned to the University of Michigan as an Instructor, then came to Ohio State as an Associate Professor from 1945 to 1947, at which time he became Chairman, from 1947 to 1953, of Obstetrics and Gynecology at The Ohio State University. He moved to Western Reserve University School of Medicine as Professor and Chairman, Department of Obstetrics and Gynecology, from 1953 to 1960; then to Johns Hopkins University, Department of Obstetrics and Gynecology, from 1960 to 1970.

In 1970, he became Vice President of The Rockefeller Foundation where he served until 1977. He continued as a consultant of The Rockefeller Foundation and a Senior Fellow of the Population Council. Dr. Barnes retired to Columbus in March, 1981. At the time of his death he was Professor Emeritus of Obstetrics and Gynecology at The Ohio State University.

Dr. Barnes published 189 original scientific publications, was editor of the American Journal of Obstetrics and Gynecology, and edited several books that relate to obstetrics and gynecology.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.
RESOLUTIONS IN MEMORIAM (contd)

J. Raymond Derby

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 3, 1982, of J. Raymond Derby, Professor Emeritus in the Department of English.

Dr. Derby earned his undergraduate degree at Southwestern College, his masters’ degrees at the University of Kansas and at Harvard University, and his Ph.D. degree at Harvard University in 1929.

Dr. Derby joined the faculty at The Ohio State University as a Professor in 1939. Prior to that time he served as Professor at Southwestern College and as Professor and Head of Department at Iowa State College.

At The Ohio State University, he was Chairman of the Colleges of Arts and Sciences Curriculum Committee, Chairman of the Colleges of Arts and Sciences Committee on International Studies, and was a member of the Graduate Council. For the Department of English, he served as Chairman of the Graduate Committee.

Dr. Derby taught and published primarily in English romantic literature and for years edited the Modern Language Association annual bibliography, "The Romantic Movement."

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.

Laurence N. Snyder

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 25, 1982, of Laurence N. Snyder, Professor Emeritus in the School of Health, Physical Education and Recreation.

Laurence "Larry" Snyder was born in Canton, Ohio, August 9, 1896. He graduated from Canton Central High School in 1915 and later served in the Army Air Force during World War I. In the fall of 1922, he enrolled at The Ohio State University and graduated with a bachelor of science degree in 1925. As an undergraduate, Snyder won national recognition as a track star, setting University records in both the high and low hurdles, in the high jump and in the long jump. As a senior, he won the Big Ten Scholarship Medal for combined excellence in scholastic achievement and in athletic accomplishments.

In 1925, Snyder was hired as assistant track coach at The Ohio State University, and thus began what was to become a long and distinguished career in the sport of track. In 1932, he was named head track coach at Ohio State, where he remained until his retirement in 1965, except for the 1943-45 period, when he enlisted in the Navy during World War II.
RESOLUTIONS IN MEMORIAM (contd)

Laurence N. Snyder (contd)

Larry Snyder gained national recognition as track coach. His Ohio State track teams won six Big Ten championships. He coached seven athletes to Olympic prominence, including the late Jesse Owens, one of the greatest track athletes of all time.

Snyder was a member of the U. S. Olympic coaching staff in 1936 and again in 1952. He was named Head Olympic Coach for the 1960 Games in Rome.

Snyder was a member of the U. S. Track and Field Hall of Fame, the Helms Foundation Track and Field Hall of Fame and The Ohio State University Athletic Hall of Fame.

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. 83-55

Synopsis: The reports on contracts, grants, and gifts and the summary for September 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 month of September 1982, be approved.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
November 5, 1982 meeting, Board of Trustees

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

SUMMARY FOR SEPTEMBER 1982

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tr>
<td>The Ohio State University Research Foundation</td>
<td>72</td>
<td>$4,383,591.41</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>51</td>
<td>934,747.00</td>
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<tr>
<td>Ohio Agricultural Research and Development Center</td>
<td>20</td>
<td>878,095.00</td>
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<pre><code>                                                             |                 | $6,196,433.41     |
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The Ohio State University Development Fund

Establishment of Named Funds

- The Harry Russell Ansel Scholarship Fund (College of Engineering) $50,000.00
- The Mildred Horton Ansel Scholarship Fund (College of Medicine) $50,000.00
- The Sphinx Endowment Fund (Scholarships - Sphinx members) $40,000.00
- The Louise Zung-nyi Loh Scholarship Fund in East Asian Studies (University Center for International Studies) $11,000.00
- The Eugene J. Weigel Memorial Scholarship for Music Education (Undergraduate students - School of Music) $8,655.00
- The S. Rains Wallace Creativity Fund (Department of Psychology) $5,204.50
- The Frank E. and Harriet E. Hedrick Scholarship Endowment Fund (Scholarships - Department of Aviation) $5,022.93
November 5, 1982 meeting, Board of Trustees

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

SUMMARY FOR SEPTEMBER 1982 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Torrence A. Makley Fund
(Ophthalmology research) $ 5,000.00

The Dean and Lucille Tresch
Scholarship Fund
(Department of Horticulture) $ 5,000.00

Report from Presidents Club

Members to date 4,564
1982 members: year to date 100
New members - September 1982 9

New Presidents Club Members - September 1982

John M. Cutter
Irene A. Heiberger (Mrs. James O.)
Tab Hiatt (Mrs. N. Wayne)
W. Brian O’Malley
Marguerite Carlin Price

Richard M. Mora
Leo A. Paquette
Robert P. Schlegel
Rosetta Hayes Tyler
The Ohio State University Research Foundation

<table>
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<tr>
<th>Sponsor</th>
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<td><strong>FEDERAL</strong></td>
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<td>National Science Foundation</td>
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<td>Department of Defense</td>
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<td>Department of Energy</td>
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<td>Department of Education</td>
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<td>1,479,499.00</td>
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<td>Department of Health and Human Services</td>
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<td>4,271,598.00</td>
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<td>Other Federal</td>
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<td><strong>TOTAL - FEDERAL</strong></td>
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<td><strong>STATE OF OHIO</strong></td>
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<td>$433,210.00</td>
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<td><strong>INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS</strong></td>
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<td><strong>GRAND TOTAL</strong></td>
<td>240</td>
<td>$18,295,918.72</td>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY
July 1, 1982 through September 30, 1982

ENGINEERING EXPERIMENT STATION

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tr>
<td>STATE OF OHIO</td>
<td>4</td>
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<td>INDUSTRIAL AND OTHER</td>
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<td>TOTAL</td>
<td>54</td>
<td>$1,469,250.00</td>
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Federal Research Contracts/Grants

$1,041,541.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1982 through 30 September 1983. (Project 760081 - Continuation)

$475,000.00 - Department of Energy, Washington, D. C., Research and Technical Assistance in Public Utility Regulation Primarily for State Commissions, National Regulatory Research Institute (D. N. Jones), 14 October 1981 through 14 October 1982. (Project 761932 - Continuation)


$193,906.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Clinical Trial of Extracorporeal Carbamylation, Department of Medicine (S. P. Balcerzak), 1 September 1982 through 31 August 1983. (Project 763266 - New)

$180,661.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Hyattsville, Maryland, Minority Student Recruitment, Preparation and Retention Program Towards Careers in Dentistry, Medicine, Optometry, Pharmacy, and Veterinary Medicine, College of Medicine - Administration (E. C. Craig), 1 September 1982 through 31 August 1983. (Project 762834 - Continuation)

$100,000.00 - National Science Foundation, Washington, D. C., Developmental Work on Academic Discipline Price Indexes, University Fiscal Officer (G. W. Baughman), 1 October 1982 through 9 September 1983. (Project 762267 - Continuation)

$99,902.00 - 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), 15 September 1982 through 14 September 1983. (Project 763285 - New)

$91,431.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, Detection of DNA Damage Following Exposure to Genotoxins, Departments of Pharmacology and Radiology (S. M. D’Ambrosio) and Department of Medicine (R. Whisler), 1 September 1982 through 31 August 1983. (Project 762787 - Continuation)
November 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$87,887.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 September 1982 through 31 August 1983. (Project 760045 - New)

$80,144.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology (S. M. D'Ambrosio), 1 July 1982 through 1 March 1983. (Project 761447 - Continuation)

$79,285.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Patient Data System, Cancer Research Center and Department of Preventive Medicine (M. D. Keller) and Cancer Research Center (N. A. Reiches), 1 July 1982 through 30 June 1983. (Project 760789 - Continuation)


$57,986.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Genetics of Antibiotic Biosynthesis in S. coelicolor, Department of Chemistry (H. G. Floss), 1 September 1982 through 31 August 1983. (Project 763275 - New)

$54,699.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 September 1982 through 31 July 1983. (Project 761628 - Continuation)


November 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$43,340.00 - Department of the Air Force, Air Force Office of Scientific Research, 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 September 1982 through 31 August 1983. (Project 763265 - New)

$41,613.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modelling 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 August 1982 through 28 February 1983. (Project 763264 - New)

$40,600.00 - National Science Foundation, Washington, D. C., Rainfall Studies Using the Differential Reflectivity Radar Techniques, Department of Electrical Engineering (T. A. Seliga), 1 June 1981 through 31 December 1982. (Project 762445 - Continuation)

$40,000.00 - Department of Agriculture, Cooperative State Research Service, Arlington, Virginia, Induced Parturition and Vitamin D in the Prevention of Mineral Imbalance in Cows, Department of Veterinary Pathobiology (C. C. Capen) and Department of Veterinary Clinical Sciences (C. F. Hoffsis and W. R. Threlfall), 15 September 1982 through 30 September 1983. (Project 763296 - New)


$34,954.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On Aircraft Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 7 September 1982 through 6 September 1983. (Project 763280 - New)

$34,143.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Division of Nursing, Hyattsville, Maryland, Women's Health Research Program, School of Nursing (J. S. Stevenson), 1 July 1982 through 30 June 1983. (Project 762275 - Continuation)
November 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$33,042.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Hormonal and Dietary Control of ATP Citrate Lyase, Department of Food Science and Nutrition (K. L. Roehrig), 1 September 1982 through 31 August 1983. (Project 762408 - Continuation)

$24,570.00 - Defense Systems Automation Center, Columbus, Ohio, Computer-Based Education Courseware, Academic Faculty of Educational Foundations and Research (K. A. Hall), 1 September 1982 through 30 June 1983. (Project 763298 - New)

$21,000.00 - 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 September 1982 through 31 December 1982. (Project 762890 - Continuation)

$19,603.00 - Department of Education, Rehabilitation Services Adminstration, Washington, D. C., Traineeships for Graduate Education of Audiologists and Speech-Language Pathologists, Department of Communications (E. J. Hardick), 1 September 1982 through 31 August 1983. (Project 760885 - Continuation)

$18,867.00 - Environmental Protection Agency, Washington, D. C., Evaluation of a Short-Term In Vivo System for Risk Assessment of Environmental Chemicals, Department of Pharmacology (D. Couri), 1 April 1982 through 31 March 1983. (Project 762125 - Continuation)


$14,000.00 - Department of Agriculture, Forest Service, Northeastern Forest Experiment Station, Delaware, Ohio, Silvicultural and Financial Consequences of Alternative Cutting Strategies in Even-Aged Upland Central Hardwood Stands, Ohio Agricultural Research and Development Center, Department of Forestry (R. B. Heiligmann), 1 September 1982 through 30 June 1985. (Project 763286 - New)

$10,000.00 - Department of the Interior, Geological Survey, Water Resources Division, Columbus, Ohio, Publication of Water Use Data for the State of Ohio, Cooperative Extension Service - State Operations (T. L. Jones), 15 September 1982 through 30 June 1983. (Project 763279 - New)
November 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$7,469.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Film Digitization Criteria for Kinematic Analyses, Department of Mechanical Engineering (H. R. Busby), 1 September 1982 through 31 December 1982. (Project 763272 - New)

$5,250.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Polymerized Tumor Antigen-Adjuvant Immunotherapy, Cancer Research Center (J. A. Neidhart), 1 July 1982 through 30 September 1982. (Project 761757 - Continuation)


$3,083.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Identification of Essential Genes for HSV DNA Synthesis, Department of Medical Microbiology and Immunology (D. S. Parris), 1 March 1982 through 28 February 1983. (Project 762587 - Continuation)

$3,000.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Status and Population Dynamics of White Perch (Morone Americana) in Lake Erie, Department of Zoology (T. J. Peterle, F. J. Margraf, and R. F. Carline), 1 April 1981 through 1 April 1983. (Project 762625 - Continuation)


$1,300.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Simulation Studies of Apportionment of Braking Effort for the Development of Truck Braking Standards, Department of Mechanical Engineering (G. L. Kinzel and D. A. Guenther), 30 June 1982 through 30 September 1982. (Project 762085 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $3,528,332.00
November 5, 1982 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

$150,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science - Administration, Center for Real Estate Education and Research (R. L. Racster), 1 July 1982 through 30 September 1983. (Project 763277 - New)

$142,100.00 - 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, Ohio Agricultural Research and Development Center, Laboratory for Environmental Science (T. C. Weidensaul), 1 September 1982 through 31 August 1983. (Project 763273 - New)

$15,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Continuing Education for Child Care Professionals, Nisonger Center for Mental Retardation (M. J. Guralnick), 29 July 1982 through 30 September 1982. (Project 763255 - Continuation)

$9,800.00 - State of Ohio, Department of Education, Division of Vocational Education, Career Development Service, Columbus, Ohio, Coordination of Statewide Career Education Activities, Academic Faculty of Special Services (J. J. Quaranta), 1 July 1982 through 30 September 1982. (Project 763053 - Continuation)

$9,130.00 - 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 and B. A. Jones), 1 September 1982 through 30 June 1983. (Project 763295 - New)

$7,344.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science - Administration, Center for Real Estate Education and Research (R. L. Racster), 1 June 1982 through 30 September 1983. (Project 762738 - Continuation)

$6,000.00 - Ohio Arts Council, Columbus, Ohio, Arts of the Book Apprenticeship, Department of Art Education (R. C. Tauber), 1 July 1982 through 30 June 1983. (Project 763283 - New)

$1,944.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Evaluation of Functioning of Discharged Psychiatric Patients, School of Public Administration (C. R. Huff), 1 September 1982 through 30 June 1983. (Project 763260 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 341,318.00
November 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (J. R. Bianchine), 1 October 1982 through 30 September 1983. (Project 760484 - Continuation)


$51,742.00 - Children's Hospital Research Foundation, Columbus, Ohio, Cephalexin or Cephadroxil Treatment of Contaminated Wounds, Department of Preventive Medicine (D. A. Rund), 15 August 1982 through 14 August 1983. (Project 763267 - New)

$34,790.00 - The Procter and Gamble Company, Cincinnati, Ohio, A Double Blind Parallel Comparison Among Four Different Aspirin Preparations and Placebo Following Tooth Extraction in Dental Patients, College of Dentistry (J. M. Weaver and F. M. Beck), 15 September 1982 through 30 April 1983. (Project 763293 - New)

$27,962.26 - E. I. duPont de Nemours and Company, Wilmington, Delaware, Multiple Dose Tolerance and Pharmacokinetic Study with EN212 at 32 Mg (M-11), Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 March 1982 through 28 February 1983. (Project 763104 - Continuation)

$22,436.00 - Merck and Company, Rahway, New Jersey, Parasite Control Program for Dairy Replacement Heifers Using Ivermectin, Department of Veterinary Pathobiology (R. P. Herd) and Department of Preventive Medicine (L. E. Heider), 1 May 1982 through 30 June 1983. (Project 762697 - Continuation)

$20,898.00 - University of Cincinnati, Cincinnati, Ohio, OSU Participation in NIH Grant No. R05 AM-27517-03 Titled "Bio Mechanics of Ligament/Tendon Repair and Grafts," Department of Veterinary Clinical Sciences (R. B. Hohn and M. L. Olmstead), 1 August 1982 through 31 July 1983. (Project 762827 - Continuation)

November 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$19,000.00 - Electric Power Research Institute, Palo Alto, California, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 22 September 1982 through 31 December 1982. (Project 763292 - New)

$18,500.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, Detection and Characterization of Novel Virus-Like Disease Agents in Maize, Ohio Agricultural Research and Development Center, Department of Plant Pathology (O. E. Bradfute), 1 September 1982 through 31 August 1985. (Project 763262 - New)

$16,700.00 - Purdue University, West Lafayette, Indiana, Taxes, Mortgage Instruments and Housing, College of Administrative Science - Continuing Education (P. H. Hendershott), 1 July 1981 through 15 January 1982. (Project 763282 - New)

$15,600.00 - Vocational Industrial Training Board, Singapore, Vocational Industrial Training Board Fellowship Program - Singapore, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1982 through 31 March 1983. (Project 763274 - New)

$15,539.00 - Boehringer Ingelheim, LTD, Ridgefield, Connecticut, Analysis of Dipyridamole in Plasma, Department of Veterinary Clinical Sciences (R. A. Sams), 1 November 1981 through 31 December 1982. (Project 762928 - Continuation)

$14,796.00 - Ohio Cancer Research Associates, Columbus, Ohio, Evaluation of Human Tumors by Stem Cell Assay, Department of Physiological Chemistry (G. E. Milo), 1 October 1982 through 30 September 1983. (Project 763303 - New)

$13,689.00 - Kali-Duphar Laboratories, Inc., Columbus, Ohio, Analysis of Ritaldrine Hydrochloride in the Management of Premature Labor, Cancer Research Center (N. A. Reiches) and Department of Preventive Medicine (M. L. Moeschberger), 1 August 1982 through 30 April 1983. (Project 763290 - New)

$12,917.31 - Pfizer, Inc., Groton, Connecticut, Phase I Two-Part Escalating Single Blind Placebo Controlled Randomized Tolerance and Open Randomized Bioavailability Study of an Oral Formulation of Levonantradol, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 March 1982 through 28 February 1983. (Project 763104 - Continuation)

$12,228.00 - Abbott Laboratories, North Chicago, Illinois, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, and J. L. Plouffe), 1 March 1982 through 28 February 1983. (Project 763020 - Continuation)
November 5, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$8,008.84 - E. I. duPont de Nemours and Company, Wilmington, Delaware, Bioavailability/Pharmacokinetics Study of Oral Nalbuphine, Acetaminophen, and Nalbuphine/Acetaminophen Tablets, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 March 1982 through 28 February 1983. (Project 763104 - Continuation)

$8,000.00 - National Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Fc Receptor Binding of Soluble Immune Complexes by Monocytes and Polymorphonuclear Leukocytes from Patients with Immune Mediated Diseases, Department of Medicine (F. G. Cosio), 15 October 1982 through 30 June 1983. (Project 763276 - New)

$6,416.00 - 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 28 February 1983. (Project 763020 - Continuation)

$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Macrophages as Tumor Promoters, Department of Medicine (J. J. Rinehart), 1 July 1982 through 30 June 1983. (Project 763299 - New)

$5,996.00 - Chemical Abstracts Service, Division of the American Chemical Society, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval System, Department of Psychology (H. G. Shulman), 15 September 1982 through 15 December 1982. (Project 762213 - Continuation)

$4,822.00 - Adria Laboratories, Columbus, Ohio, Stem Cell Assay Screen of Eight Adriamycin Analogues, Department of Veterinary Pathobiology (J. P. Schaller), 1 July 1982 through 31 December 1982. (Project 763294 - New)

$2,239.00 - Wilberforce University, Wilberforce, Ohio, Evaluation of Student Academic Skills Development Program at Wilberforce University, The National Center for Research in Vocational Education (R. E. Taylor), 15 August 1982 through 30 September 1982. (Project 763281 - New)

$1,000.00 - 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 September 1982 through 28 February 1983. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 513,941.41
November 5, 1982 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$108,968.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Long-Term Strength of Embankment Materials: Shale and Colluvium, Department of Civil Engineering coordinated through Transplex, September 1, 1982 through August 31, 1983. (EES 529628)

$100,532.00 - Ohio Environmental Protection Agency, Columbus, Ohio, Transport and Transformation of Airborne Pollutants, Atmospheric Sciences Program, July 1, 1982 through June 30, 1983. (EES 529629)

TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT $209,500.00

Industry and Other Sponsored Research and Development

$250,001.00 - Gas Research Institute, Chicago, Illinois, Location of Buried Pipe-Development of an Improved Terrascan Unit, ElectroScience Laboratory, April 4, 1982 through March 31, 1983. (EES 529623, Extension 2)

$475,246.00 - Forty-eight industries for 48 development projects under the direction of ten engineering departments and research areas.

TOTAL - INDUSTRY AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $725,247.00

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

$133,981.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on genetics and pathogenesis of leg weakness in turkeys, Department of Poultry Science, August 15, 1982 to August 31, 1985. (Agreement No. 82-CRSR-2-1076)

$130,000.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on immunization of cows with rota-coronavirus vaccines and protection in calves, Department of Veterinary Science, September 1, 1982 to August 31, 1985. (Agreement No. 82-CRSR-2-2019)

November 5, 1982 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Federal Contracts/Grants (contd)

$78,896.00 · Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, continued support of the North Central Region Special Studies Program for Pesticide Impact Assessment, Department of Entomology, October 1, 1982 to September 30, 1984. (Agreement No. 80-CRSR-2-0513)

$65,000.00 · Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on defining the role of cryptosporidiosis in the calf enteric disease complex, Department of Veterinary Science, September 1, 1982 to August 31, 1984. (Agreement No. 82-CRSR-2-2018)

$45,712.00 · Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on growth of environmental streptococci in nonlactating bovine mammary secretions, Department of Dairy Science, September 1, 1982 to August 31, 1983. (Agreement No. 82-CRSR-2-1071)

$29,329.00 · Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on role of glyceollin in the biochemical mechanism of root tolerance to phytophthora in soybean, Departments of Plant Pathology and Agronomy, September 15, 1982 to September 30, 1983. (Agreement No. 82-CRSR-2-1047)

$17,787.00 · U. S. D. A., Forest Service, Northeastern Forest Experiment Station, Broomall, Pennsylvania, support of a study on recreational use of urban forest resources: a case study of Columbus, Ohio, Department of Natural Resources, June 1, 1982 to May 31, 1983.

$11,000.00 · Agricultural Research Service, Science and Education, U. S. Department of Agriculture, Peoria, Illinois, continued support of a study on efficacy, phytotoxicity and environmental effects of fungicides on ornamental crops—minor use, Department of Plant Pathology, September 5, 1982 to September 4, 1983. (Agreement No. 58-519B-8-793)

TOTAL - FEDERAL CONTRACTS/GRANTS $591,070.00

State of Ohio Contracts/Grants

$71,375.00 · State of Ohio, Department of Agriculture, Ohio Grape Industries Committee, Columbus, Ohio, support of a study to investigate the effects of vinification procedures on the quality of labrusca type wines, Department of Horticulture, July 1, 1982 to June 30, 1983. (Contract No. 82-3)
November 5, 1982 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

State of Ohio Contracts/Grants (contd)

$52,250.00 - State of Ohio, Department of Agriculture, Ohio Grape Industries Committee, Columbus, Ohio, support of a study on improving and controlling quality of Ohio table wines, Department of Horticulture, July 1, 1982 to June 30, 1983. (Contract No. 82-4)

$39,250.00 - State of Ohio, Department of Agriculture, Ohio Grape Industries Committee, Columbus, Ohio, support of a study on identification and development of economically efficient grape cultural practices and cultivars for the soils and climate of Ohio, Department of Horticulture, July 1, 1982 to June 30, 1983. (Contract No. 82-1)

$26,875.00 - State of Ohio, Department of Agriculture, Ohio Grape Industries Committee, Columbus, Ohio, support of a study on epidemiology and field prediction of grape, berry and leaf infection by downy mildew and black rot, Department of Plant Pathology, July 1, 1982 to June 30, 1983. (Contract No. 82-2)

$25,000.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, support of an Ohio demonstration project--biogas (methane) from manure, Department of Agricultural Engineering, September 1, 1982 to August 31, 1983.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS $214,750.00

Industrial and Other Contracts/Grants

$29,275.00 - Ross Laboratories, Columbus, Ohio, continued support of a study on rotavirus: continued studies on immunization of prepartum dairy cows, Department of Dairy Science, April 1, 1982 to March 31, 1984.

$20,000.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, support of a study on testcross evaluation of soybean germplasm, Department of Agronomy, October 1, 1982 to September 30, 1984.

$12,000.00 - American Soybean Association, St. Louis, Missouri, support of a study on optimizing soy oil soapstock in dairy lactation rations, Department of Dairy Science, October 1, 1982 to September 30, 1983. (Contract No. ASARP 83781)

Rohm and Haas Company, Philadelphia, Pennsylvania, agreement for OARDC to provide wheat varieties and germplasm for the development of new wheat hybrids. OARDC is to receive royalties equal to the greater of: fifty cents per bushel, or two percent (2%) of the net selling price, Department of Agronomy. Duration of agreement--ten years from effective date.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS $ 61,275.00
November 5, 1982 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Gifts of $5,000 or More

$ 6,000.00 Dow Chemical Company, Midland, Michigan
$ 5,000.00 Ohio Turfgrass Foundation, Columbus, Ohio

TOTAL - GIFTS OF $5,000 OR MORE $ 11,000.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$65,210.00 Procter & Gamble, Cincinnati, Ohio: $61,210.00 for Toxic Shock Research Fund and $4,000.00 for Procter & Gamble Biological Science Fellowships Fund.

$52,800.00 Armco Foundation, Middletown, Ohio: $50,000.00 for Armco Foundation Grant Fund; $2,000.00 for Student Athlete Grant-In-Aid Fund; $600.00 for Mars G. Fontana Endowment Fund; and $200.00 for Class of 1931 Fund.

$27,164.00 Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

$20,000.00 Harold McMaster, Woodville, Ohio, for College of Engineering Campaign Fund.

$20,000.00 Iddings Foundation, Dayton, Ohio, for Iddings Foundation Scholarship Fund.

$14,543.77 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$13,112.00 Trust Under the Will of Grace Washburn, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

$12,900.00 Lubrizol Foundation, Wickliffe, Ohio: $8,500.00 for Lubrizol Foundation Fellowship Fund for Chemical Engineering; $2,000.00 for Lubrizol Foundation Scholarship Fund for Chemical Engineering; $1,200.00 for Lubrizol Foundation Scholarship Fund for Mechanical Engineering; $600.00 for Lubrizol Foundation Scholarship Fund for Accounting; and $600.00 for Lubrizol Foundation Scholarship Fund for Mathematics.

$10,072.00 Midland-Ross Foundation, Cleveland, Ohio: $10,000.00 for Civil Engineering Construction Operations Simulation Laboratory Fund and $72.00 for Friends of WOSU Fund.
November 5, 1982 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  Ohio Food Processors Association, Worthington, Ohio, for Endowed Chair in Food Industries Fund.


$6,629.97  Ross Laboratories, Columbus, Ohio: $3,000.00 for Endowed Chair in Food Industries Fund; $2,129.97 for Tumor Immunology Program Fund; $1,000.00 for Hematology and Cancer Research Fund; and $500.00 for Canter's Cave 4-H Camp Fund.

$6,000.00  Tool, Steel, Gear, and Pinion Foundation, Cincinnati, Ohio, for Gear Dynamics and Gear Noise Research Laboratory Fund.

$5,680.00  Ernst & Whinney Foundation, Cleveland, Ohio: $5,580.00 for Ernst & Whinney Accounting Grant Fund and $100.00 for Friends of WOSU Fund.

$5,250.00  Bausch & Lomb Optical Company, Rochester, New York: $3,750.00 for Optometry Research Fund and $1,500.00 for Ohio Lions Fund.

$5,000.00  Phi Beta Psi Sorority, Lima, Ohio, for Cancer Research Fund.

Establishment of Named Funds

The Harry Russell Ansel Scholarship Fund

The Harry Russell Ansel Scholarship Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mildred Horton Ansel, B.S.Edu. '22, of Fort Lauderdale, Florida, in memory of her husband, Harry Russell Ansel, M.E. '20.

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

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Engineering. Awards shall be made by the Dean of the College of Engineering on the basis of (1) the completion of one full year of work; (2) the recipient must have ranked in grades for the previous full year in the upper half of his or her class; and (3) the recipient must stand in need of financial assistance with which to continue his or her studies.
November 5, 1982 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 Harry Russell Ansel Scholarship Fund (contd)

No discrimination shall be made in the awarding of such benefits on the basis of age, sex, race or religion. Graduate students shall be eligible, whether married or single, but undergraduate students shall be eligible only if single. No person shall be eligible to receive an award, nor shall any award be continued for any person who participates directly in any subversive or forceful demonstration against either the University or any branch of the Federal or State governments.

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 engineering education.

The Mildred Horton Ansel Scholarship Fund

The Mildred Horton Ansel Scholarship Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mildred Horton Ansel, B.S.Edu. '22, of Fort Lauderdale, Florida, in memory of her father, Elmer G. Horton, M.D.

All gifts are to be invested 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 scholarship assistance for students in the College of Medicine. Awards shall be made by the Dean of the College of Medicine on the basis of (1) the completion of one full year of work; (2) the recipient must have ranked in grades for the previous full year in the upper half of his or her class; and (3) the recipient must stand in need of financial assistance with which to continue his or her studies. No discrimination shall be made in the awarding of such benefits on the basis of age, sex, race or religion. No person shall be eligible to receive an award, nor shall any award be continued for any person who participates directly in any subversive or forceful demonstration against either the University or any branch of the Federal or State governments.

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 medical education.
November 5, 1982 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 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 or 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.

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.

The Louise Zung-nyi Loh Scholarship Fund in East Asian Studies

The Louise Zung-nyi Loh Scholarship Fund in East Asian Studies 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 the friends of Louise Zung-nyi Loh, of 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 right to invest and reinvest as occasion dictates.
November 5, 1982 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 Louise Zung-nyi Loh Scholarship Fund in East Asian Studies (contd)

The annual income is to be used to provide one or more scholarships for undergraduate or graduate students who have demonstrated an interest in East Asian studies. The selection of the recipients is to be made upon the recommendation of the Director of the East Asian Studies Program, University Center for International Studies, in consultation with a committee of three persons, including the Director himself, the Chairperson of the Department of East Asian Languages and Literatures, and Professor Samuel C. Chu, as long as he is an active member of The Ohio State University faculty. Preference is to be given to students with academic potential and a need for financial assistance. If, in the opinion of the selection committee, there are no qualified students in any given year, the income should be carried over into the next year for use at that time.

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 East Asian studies.

The Eugene J. Weigel Memorial Scholarship for Music Education

The Eugene J. Weigel Memorial Scholarship for Music Education 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 friends and members of The OSU Marching Band in memory of Eugene J. Weigel, Professor and Director Emeritus of the School of Music and Director of the Marching Band for ten years.

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.

The annual income is to be awarded to one or more outstanding undergraduate students majoring in music. Recipients will be determined by the 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 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 awards for (1) members of the marching band, (2) music majors, and/or (3) others recommended by the appropriate administrative official of the University responsible for music education.
November 5, 1982 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 S. Rains Wallace Creativity Fund

The S. Rains Wallace Creativity 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 friends of S. Rains Wallace, Professor and Chairman of Psychology at OSU from 1970 to 1973, in his memory.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 resources for Department of Psychology faculty members to engage in professional renewal through attendance at conferences, workshops, and symposia in their respected fields. All expenditures are to be approved by the Chairman of the Department of Psychology and 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 psychology education.

The Frank E. and Harriet E. Hedrick Scholarship Endowment Fund

The Frank E. and Harriet E. Hedrick Scholarship 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 Frank E. Hedrick and Harriet E. Hedrick.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 Department of Aviation with proven academic ability, financial need and good moral character. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Engineering and the Chairman of the Department of Aviation. The University is authorized to invade the principal amount of the endowment as and when it shall be necessary to grant scholarships.

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 engineering education.
November 5, 1982 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 Torrence A. Makley Fund

The Torrence A. Makley 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 by alumni, patients, and friends of the Department of Ophthalmology in the College of Medicine.

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

The principal and/or income is to be used to support and advance ophthalmology research.

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 College of Medicine's Department of Ophthalmology.

The Dean and Lucille Tresch Scholarship Fund

The Dean and Lucille Tresch Scholarship Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with a gift from Dean and Lucille Tresch.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 a scholarship(s) to assist a sophomore, junior or senior student(s) whose major study is pomology, or food processing and technology, in the Department of Horticulture of the College of Agriculture and Home Economics. The designation of the recipient(s) is to be based upon the recommendation of the Dean of the College of Agriculture and Home Economics in cooperation with the Chairperson of the Department of Horticulture and an appropriate person from the academic area of pomology, food processing and technology. In the event that the scholarship is unused, the annual income shall be added to the principal of The Dean and Lucille Tresch Scholarship 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 who is then responsible for the Department of Horticulture.

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Synopsis: Authorization to employ an architectural firm to provide the design for a University Art 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 arts, and to serve as a focal point for individual and collective creative expression in all the visual arts; and

WHEREAS to ensure the selection of a design for a University Art Center that will be distinctive, creative, and expressive of the arts, the President has proposed that architectural firms be invited to submit competitive designs, to be judged by a select jury appointed by the President; and

WHEREAS funds for construction of the Art Center, including an amount not to exceed $150,000 to pay the firms invited to submit designs and to pay other expenses of the competition, will be provided from contributions to The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to invite architectural firms to submit competitive designs for a University Art Center, to be judged by a select jury appointed by the President; to authorize expenditure, from contributed funds, of a total amount not to exceed $150,000 to pay the firms so invited for the submission of designs and to pay other expenses of the competition; and to employ an architectural firm after receiving recommendations from the select jury, with such actions to be reported at a later meeting of the Board.

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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PLANS AND SPECIFICATIONS

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 has recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:
November 5, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HAYES HALL AIR CONDITIONING

Project: Major renovations to Hayes Hall were completed in 1978. At that time the design included the possibility of air conditioning when funding was available. Therefore, this project will include installation of a chiller and associated equipment necessary to provide air conditioning for this complete building.

Funding: Local University Funds

Estimated Project Cost: $89,500.00

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. Berry, seconded by Mr. Havens, 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. 83-58

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

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting 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:
November 5, 1982 meeting, Board of Trustees

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

SAWTOOTH REPLACEMENT, PHASE I
(JOHNSTON LABORATORY REMODELING)

Description: This project will provide for remodeling in Johnston Laboratory for relocation of a portion of personnel and functions currently housed in the Sawtooth portion of McPherson Chemistry Laboratory. This will permit continuation of these programs during the necessary site clearing for, and construction of, a new chemistry building.

General Contract

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<td>No. of Bids</td>
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<td>Low Bid</td>
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<td>High Bid</td>
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<td>Estimate of Cost</td>
<td>$269,052.23*</td>
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<tr>
<td>Awarded to</td>
<td>Ed Ross Construction, Columbus, Ohio</td>
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Plumbing Contract

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<td>$84,177.00</td>
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<td>High Bid</td>
<td>$143,600.00</td>
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<tr>
<td>Estimate of Cost</td>
<td>$100,925.00</td>
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<tr>
<td>Awarded to</td>
<td>R. H. Reeb Company, Columbus, Ohio</td>
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</table>

Heating, Ventilating and Air Conditioning Contract

<table>
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<tr>
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<tbody>
<tr>
<td>No. of Bids</td>
<td>7</td>
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<tr>
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Electrical Contract

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<td>6</td>
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<tr>
<td>Low Bid</td>
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<td>High Bid</td>
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<td>Estimate of Cost</td>
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<td>Awarded to</td>
<td>Frush and Homan Co., Columbus, Ohio</td>
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*Recommended alternates reflected in these figures.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

SAWTOOTH REPLACEMENT, PHASE I
(JOHNSTON LABORATORY REMODELING) (contd)

Total All Contracts: $382,199.00
Total Contingency Allowance: $40,499.35 which is 11 per cent of construction contracts
Total Project Cost: $653,791.00
Funding: Amended Substitute H. B. 552 (1981-83 Biennium) and Local Funds.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the action 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 Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--o--

NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1981-82

Resolution No. 83-59

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 1981-82 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 Mr. Berry, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
November 5, 1982 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS -
FISCAL YEAR 1981-82

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<td>Quasi Endowments</td>
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<td>Land Purchases</td>
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<td>025415</td>
<td>12,500.00</td>
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<td>Traffic Signals</td>
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<td>Bulk Chemical Warehouse</td>
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<td>$ 3,953,962.78</td>
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<td>To: Renewals and Replacements Funds</td>
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<td></td>
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<td>Remodeling and Renovation:</td>
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<td>Parking Lot Repairs</td>
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<td>St. John Arena - Lockers</td>
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<td>Woodruff Avenue - Widening</td>
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<td>Botany and Zoology Building</td>
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<td>(1,294.00)</td>
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### NON-MANDATORY TRANSFERS FROM CURRENT FUNDS - FISCAL YEAR 1981-82 (contd)

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<tr>
<th>Account Description</th>
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<td></td>
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<tr>
<td>Remodeling and Renovation:</td>
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<tr>
<td>Ramseyer Hall</td>
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<td>057148</td>
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<td>1,995.47</td>
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<td>Twelfth and High - Intersection</td>
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<td>(783.61)</td>
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<td>West Campus - Walks</td>
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<td>Mansfield - Telephone System</td>
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<td>- Building - 4-H Hall of Fame</td>
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<td>- Hagerty Hall</td>
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<tr>
<td>Total Remodeling and Renovation</td>
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<td>$1,335,688.90</td>
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| Repairs and Replacements:                                |                |                                  |             |
| Registration Services                                    | 086904         | 010058                           | (16,064.65) |
| Business and Administration                              | 086905         | 010058                           | 15,117.00   |
| University Systems                                       | 086906         | 010058                           | 15,000.00   |
| Treasurer                                                | 086908         | 010058                           | 12,174.00   |
| Physical Facilities                                      | 086909         | 010058                           | 124,598.79  |
| Police                                                   | 086910         | 010058                           | 28,600.00   |
| Traffic and Parking                                      | 086911         | 010058                           | (276,600.00) |
| - Traffic and Parking                                    |                |                                  | 257,000.00  |
| Food Facility                                            | 086912         | 014006                           | 19,268.00   |
| Office Equipment Repair                                  | 086915         | 014003                           | 41,678.00   |
| Printing Facility                                        | 086916         | 014002                           | 90,000.00   |

November 5, 1982 meeting, Board of Trustees
### NON-MANDATORY TRANSFERS FROM CURRENT FUNDS - FISCAL YEAR 1981-82 (contd)

<table>
<thead>
<tr>
<th>Account Description</th>
<th>Account Number</th>
<th>Transferred from Account Number</th>
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<tr>
<td>Repairs and Replacements:</td>
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**Total Repairs and Replacements** $20,010,305.22

**Total Transfers to Renewals and Replacements Funds** $21,345,994.12

**Total Transfers to Plant Funds** $25,299,956.90
November 5, 1982 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS - FISCAL YEAR 1981-82 (contd)

RECAP

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<tr>
<td>06xxxx</td>
<td>4,065.44</td>
</tr>
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</table>

Total Non-Mandatory Transfer to Plant Funds $25,299,956.90

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-60

RESOLVED, That the report on the University's Investment Portfolio, dated October 15, 1982, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

Thereupon the Board adjourned to meet Thursday, December 9, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman
Page 244 is blank
APPENDIX II

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 10, 1982
Commencement Speaker

Albert Shapero

Today's speaker is held in high regard by both students and faculty on this campus. Albert Shapero, professor of management science and the holder of the William H. Davis Chair in the American Free Enterprise System, is indeed a distinguished faculty member of this University.

His achievements and honors have brought him national and international recognition and respect and have also brought great credit to The Ohio State University. His accomplishments in the field of management science are extensive and outstanding.

A faculty member since 1978, his areas of interest include entrepreneurship, small business, economic and industrial development, and management of professional activities. He has received numerous honors and awards for his work.

His varied background includes experience as a structural steel worker, soldier, farmer on a U.S. kibbutz, research engineer, president and founder of a research organization, and an engineer and manager in the missile industry. Prior to coming to Ohio State, he was a professor of management at the University of Texas at Austin.

He received his bachelor of science degree in mechanical engineering and his master of science degree in industrial engineering from the University of California at Berkeley. A member of several national and international associations, he is the author of numerous publications and has served as consultant to a number of government agencies and industrial concerns.
Distinguished Service Awards

Donald P. Cottrell
Under Donald P. Cottrell's wise and prudent leadership, the College of Education became one of a handful of leadership colleges in the field of teacher education. A magnetic leader and a discerning analyst of people, he welcomed initiative on the part of his staff and provided an environment in which they could grow to full stature as educational leaders. He shared his wisdom and his understanding with educators in many countries. Through his international leadership, his scholarship, and his service to professional associations, his influence has been felt far beyond the confines of the campus. He has exemplified a commitment to the field of education that has been earnest, abiding, and truly professional. He has been generous with his time and his wisdom. His efforts on behalf of education have won for him the admiration of his colleagues from Ohio State and throughout the world.

William E. MacDonald
A loyal and supportive alumnus, William E. MacDonald has invested substantial amounts of time and service on behalf of this University. Through his leadership the College of Administrative Science has developed strong and growing ties with the business community. He was instrumental in creating several organizations—among them Pace Setters and Partners—that have provided substantial support to the college. He served with distinction as chairman of the board of The Ohio State University Development Fund. His significant success as a business leader has brought him through the management ranks of the Bell System to his current position as president and chief executive officer of the Ohio Bell Telephone Company. These leadership efforts combined with his selfless and persistent dedication to the interests of the University have resulted in contributions of an outstanding and lasting character.

Sydney Nettleton Fisher
For 35 years, Sydney Nettleton Fisher served this University with distinction as a professor of history. He achieved a national and international reputation while exemplifying the best of the teacher-campus statesman. He was instrumental in promoting the international dimensions of Ohio State's programs and was deeply involved in what was to become one of the top Slavic studies programs in the country. Thoroughly trained in the professional languages of French and German, he then studied Arabic and Turkish to become conversant with the best of European scholarship. His qualifications as a publishing scholar are beyond question. His classic text on the Middle East was recently published in its third edition. The high regard in which he is held by his students is a further indication of his accomplishments as a distinguished scholar and teacher.

Everett C. Shimp
A kind and tireless exemplar, Professor Emeritus Everett C. Shimp enhanced the School of Social Work's stature as a leader in graduate education in community organization. His national reputation attracted students who today are national leaders in that field and in United Way efforts. His leadership as a professor of social work and later as director of the school was dramatic and responsive. More than any other person, he laid the groundwork for raising the academic status of social work to that of a college. A skillful communicator and patient, perceptive listener, he has enriched the community by his leadership and dedication. Many have been richly and better served because of his selfless pursuits, his dedication to Ohio State and to the profession of social work, and his ability to care about people and what happens to them.
The Graduate School

Dean: Jules B. LaPidus

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Master of Fine Arts

Robert Warren Martens, West Nyack, N. Y.; B.F.A. (Carnegie-Mellon University); Art
Fanette Lucia Yragui, Tempe, Ariz.; B.F.A. (Arizona State University); Art

Master of Labor and Human Resources

Graciela Armas-Diaz, Caracas, D.F.; Venezuela; Licentiate (Universidad Catolica Andres Bello); Labor and Human Resources
Sandra M. Benport, Hamilton; B.S. (Miami University); Labor and Human Resources
Debra Jo Cohen, Cranston, R. I.; B.Sc. (Ohio University); Labor and Human Resources
James Wayne Downey, Sunbury; B.A.; Labor and Human Resources
Michael John Humphrey, Columbus; B.S. (Michigan State University); Labor and Human Resources
Lynn Marie Kocher, Columbus; B.S. (University of Connecticut); M.P.H. (University of Michigan); Labor and Human Resources
Jennifer Marie O'Brien, Columbus; B.A. (Miami University); Labor and Human Resources
James F. Saunier, St. Louis, Mo.; B.A. (University of Missouri, St. Louis); M.A.T. (Webster College); Labor and Human Resources
Stephen Mark Shaffer, Columbus; B.B.A. (Bowling Green State University); Labor and Human Resources

Master of Landscape Architecture

Jeanine Anne Sturgeon, Des Moines, Iowa; B.A. (Oregon State University); Landscape Architecture

Master of Science

Ibrahim Farag Abdulhamid, Benghazi, Libya; M.B.Ch.B. (University of Guyyounis); Ophthalmology
William Freyer Abeles, Bethlehem, Pa.; B.S. (Cornell University); Entomology
Faysal Y. Al-Abbas, Damascus, Syria; B.Sc. (Damascus University); Electrical Engineering
Susan Jane Metzger Alden, Delphos; B.S.Nurs.; Nursing
Mahmoud Abdel S. Ali, Giza, Cairo, Egypt; B.D.S., B.D.D. (Cairo University); Dentistry
Robert Allen Anderson, Alexandria; B.S.W.E.; Welding Engineering
Sidikat Modupe Andu, Ibadan, Oyo, Nigeria; B.S. (Michigan State University); Horticulture
David Webster Arnold, Bethany, Okla.; B.S. (Oklahoma State University); Chemical Engineering
Vivian Lee Baber, Jefferson; B.S.; B.S. (Kent State University); Nursing
Salah El Din Hassan Babiker, Khartoum, Sudan; B.V.Sc. (University of Khartoum); Veterinary Preventive Medicine
Edward Michael Baker, Forestville, Conn.; B.A. (Eastern Connecticut State College); Geodetic Science
Jerry J. Baron, Lyndhurst; B.S.Ag.; Horticulture
Joseph Carter Barone, Miami, Fla.; B.S.; Welding Engineering
Carlos Eduardo Barrientos, El Paso, Tex.; B.S.E.E. (Rice University); Electrical Engineering
Janice Kay Bartel, South Euclid; B.S. (Miami University); Home Economics
William Pollard Bartlett, Jr., Columbus; B.S.C.E.; Civil Engineering
Mohsen Bashiradeh Fakhari, Mashhad, Iran; B.S. (University of Science and Technology); Mechanical Engineering
Philip Duane Beckley, Columbus; B.S.; Physiology
Donna Marie Bell, Redlands, Calif.; B.S. (University of California, Davis); Home Economics
Nancy Margaret Bigler, Columbus Station; B.S.; Agricultural Education
Thomas Edward Bihari, New Philadelphia; B.S. (Kent State University); Mathematics
Joyann Binsley, Hanoverton; B.S. (University of Katech); Agriculture and Rural Sociology
Timothy William Bihari, Hilliard; B.S.; Plant Pathology
James Edward Black, Dayton; B.S.C.I.S.; Computing and Information Science
Theresa Lynn Blake, Columbus; B.S. (West Virginia University); Allied Medical Professions

Cynthia Sue Bliss, Wadsworth; B.S. (University of Toledo); Pharmacy

William Frederick Boyce, Girard; B.S.M.E.; Mechanical Engineering

Kathleen Marie Brunner, Columbus; B.A. (Ohio Dominican College); M.S.; Home Economics

Jere Neal Brunken, Columbus; B.S. (University of Oklahoma); Ph.D. (University of Illinois); Computer and Information Science

Barbara Mary Butera, Cleveland; B.S.N. (Kent State University); Nursing

William R. Butler, Brecksville; B.A. (Ohio Wesleyan University); Biochemistry

Lillian Caban, Youngstown; B.S. (Youngstown State University); Home Economics

Jacquelyn Sue Caplinger, Chillicothe; B.S.; Horticulture

Judith Ann Carr, Pleasantville; B.S.; Nursing

Karen Ann Cashmere, Waverly; B.S.; Food Science and Nutrition

Charles William Challetrom, Washington Grove, Md.; B.A. (California State University, Fresno); Geodetic Science

David Tai-Wai Chan, Hong Kong; B.S. (International Christian University); Chemical Engineering

Chien-Shim Chang, Taipei, R.O.C.; B.S. (National Chiao-Tung University); M.S. (Stevens Institute of Technology); Industrial and Systems Engineering

Hwei-Shuo Chang, San Diego, Calif.; B.A. (Westmont College); B.S. (University of Southern California); Electrical Engineering

William Danene Davenport, Marysville; B.A. (Anderson College); Horticulture

Cynthia Jane Day, Springfield; B.S. (Point Loma College); Nursing

Emilia Viola DeArbeido, Maracaibo, Zulia, Venezuela; B.S. (Colegio San Vicente de Paul); D.D.S. (Universidad del Zulia); Pathology

George Dale Derringer, Dayton; B.S.; Agronomy

Jeanne Margaret DeVos, Huntington, W.Va.; B.S. (Hamline University); M.A. (Marshall University); Nursing

Jeffrey Alan Dickinson, Columbus; B.S.Agr.; Horticulture

Margaret Stephanie Dragonec, Columbus; B.S.N.; Nursing

Gregory Lee DuBoe, Warren; B.S.; B.S.Pharm.; Pharmacy

James Alan Ehret, Richwood; B.S.; Agricultural Engineering

Matthew Wlah Elious, Monrovia, Liberia; B.Sc. (University of Liberia); Post Graduate Diploma (International Institute for Aerial Survey and Earth Science); Geodetic Science

Hamid Reza Emami, Isfahan, Iran; B.S. (University of Illinois); Electrical Engineering

Lisa Ann Estepp, Portsmouth; B.S. (Eastern Kentucky University); Natural Resources

Julian Yuan-Fei Chao, Worthington; B.S. (National Taiwan Chung-Hsing University); Allied Medical Professions

Albert Shu-keung Chow, Hong Kong; B.S., M.S. (University of Oshkosh); Chemical Physics

Tan-Sang Chung, Seoul, Korea; B.S. (Seoul National University); Electrical Engineering

Norma Baker Clarin, Rawson; B.S.Nurs.; Nursing

Jean A. Cook, Pandora; B.S.Nurs.; Preventive Medicine

Tawna J. Cookney, Hubbard; B.S.N. (Kent State University); Nursing

Sandra Colleen Cooper, Columbus; B.A. (Washington and Jefferson College); Geology and Mineralogy

Salli Brent Cosgrove, Pittsburgh, Pa.; B.A. (Kenyon College); Animal Science

Colette Ruth Day Coseau, Pasadena, Calif.; B.A. (Westmont College); B.S. (University of Southern California); Electrical Engineering

Warren Daneen Davenport, Marysville; B.A. (Anderson College); Horticulture

Cynthia Jane Day, Springfield; B.S. (Point Loma College); Nursing

Emilia Viola DeArbeido, Maracaibo, Zulia, Venezuela; B.S. (Colegio San Vicente de Paul); D.D.S. (Universidad del Zulia); Pathology

George Dale Derringer, Dayton; B.S.; Agronomy

Jeanne Margaret DeVos, Huntington, W. Va.; B.S. (Hamline University); M.A. (Marshall University); Nursing

Jeffrey Alan Dickinson, Columbus; B.S. Agr.; Horticulture

Margaret Stephanie Dragonec, Columbus; B.S.N.; Nursing

Gregory Lee DuBoe, Warren; B.S.; B.S. Pharm.; Pharmacy

James Alan Ehret, Richwood; B.S.; Agricultural Engineering

Matthew Wlah Elious, Monrovia, Liberia; B.Sc. (University of Liberia); Post Graduate Diploma (International Institute for Aerial Survey and Earth Science); Geodetic Science

Hamid Reza Emami, Isfahan, Iran; B.S. (University of Illinois); Electrical Engineering

Lisa Ann Estepp, Portsmouth; B.S. (Eastern Kentucky University); Natural Resources

Susan Kingsland Fabry, Huntington, W. Va.; B.S.N. (Cornell University); Nursing

Dave Forest Farmer, Lowell; B.S.W.E.; Welding Engineering

Joan Louise Feeney, West Carrollton; B.S.N. (Miami University); Nursing

Hugh Vernon Fernandes, Bombay, India; B.Tech. (Indian Institute of Technology); Mechanical Engineering

Charles Eugene Frost, Lima; B.S.M.E.; Mechanical Engineering

Timothy F. Gallagher, Metuchen, N. J.; B.S. (Pennsylvania State University); Chemistry

Timothy James Gardner, Stroudsburg, Pa.; B.S. (Delaware Valley College); Horticulture

Teresa Anne Geers, Cuyahoga Falls; B.S. (University of Akron); Microbiology

Cheryl Peck Gerber, Dayton; B.S. (University of Rochester); Nursing

Soumen Ghosh, Jamsheedpur, Bihar, India; B.S. (Birla Institute of Technology); Industrial and Systems Engineering

Susan M. Gons, Gahanna; B.A.; Zoology

Sivaraman Guruswamy, Madras, Tamilnadu, India; B.Tech. (Indian Institute of Technology); Metallurgical Engineering

Linda Michele Hadel, Leechburg, Pa.; B.S. (Indiana University of Pennsylvania); Chemistry

William Phillips Hacssly, Westlake; B.S.Ch.E. (Cornell University); Chemical Engineering

Paul Theodore Hamilton, Columbus; B.S. (University of Michigan); Microbiology

Timothy Scott Harrison, Columbus, B.A. (University of Missouri—Columbia); Computer and Information Science

David Joseph Herman, Sandusky; B.S.C.I.S.; Computer and Information Science

Hsin-Chung Ho, Taipei, R.O.C.; B.S.Eng. (National Chung Kung University); Computer and Information Science

Marcia Eileen Hockett, Dayton; B.S. (Miami University); Nursing

Sung-Pyung Huang, Taipei, R.O.C.; B.S. (National Chung Hsing University); Mathematics

Charles Nathan Huttar, Holland, Mich.; B.A. (Hope College); Computer and Information Science

Elizabeth Raney Iretton, Columbus; B.S. (University of Tennessee); Nursing
Jenny Lyn Rytel, Worthington; B.S.; Nursing

Joan Lesley Scherrer, Kettering; B.S.; Geology and Mineralogy

Linda Kay Schein, Logan; B.A. (Capital University); Natural Resources

Joan Lesley Scherrer, Kettering; B.S.; (Michigan State University); Nursing

Mohamed Yehia Selim, Cairo, Egypt; B.S. (Cairo University); Civil Engineering

Thomas Richard Shaffer, Anderson, Va.; B.S.C.E. (University of Virginia); Civil Engineering

June Chen Sharp, Columbus; B.S.; Pharmacy

Kathleen Smith Shivasprasad, Urbana, Ill.; B.S.; Home Economics

Anoop Singhal, Roorki, U.P., India; B.Tech. (Indian Institute of Technology); Computer and Information Science

Richard Glen Snyder, Manchester, Conn.; B.S. (University of Connecticut); Horticulture

Ann E. Kelley Sobel, Akron; B.S. (University of Akron); B.S.; Computer and Information Science

Ted Eugene Stambaugh, Lima; B.A. (Ohio Northern University); B.S.Food Tech.; Horticulture

Robin Gerald Stacko, Columbus; B.A. (Northwestern University); M.D.; Physical Medicine

Isabelle Tinko Stambaugh, Columbus; B.S.E.D.; Home Economics

Paula R. Strawser, Morgantown, W. Va.; B.S.B.A. (West Virginia University); Computer and Information Sciences

James Bentley Streeb, Carthage, Miss.; B.S. (The University of Mississippi); Entomology

Larry Francis Sutherland, Columbus; B.S.C.E.; Civil Engineering

Laying Tam, Hong Kong; B.S. (The University of Hong Kong); Mathematics

Prawat Tansun, Bangkok, Thailand; B.Sc. (Kasetsart University); Plant Pathology

Tung-Mei Tao, Taipei, R.O.C.; B.S. (National Cheng-Kung University); Chemistry

Eesse Terr, Chiliioate; B.S.N.; (Duquesne University); Nursing

Rebecca Danielle Thomas, Akron; B.S. (Auburn University); Plant Pathology

Mary Ellen Thompson, Portsmouth; B.S.Nurs.; Nursing

Dapeng Tien, Harbin, Heilungkiang, P.R.C.; B.S. (Heilungkiang University); Mathematics

Robert Eugene Tierney, Poughkeepsie, N.Y.; B.S. (State University of New York at New Paltz); Zoology

John Robert Tisher, Westerville; B.S. (Bowling Green State University); Animal Science

Cynthia Marie Tomcic, Garfield Heights; B.A. (Case Western Reserve University); Zoology

Anthony William Toomen, Green Bay, Wis.; B.S. (Saint Norbert College); Microbiology

Douglas Keith Trask, Toledo; B.A. (Kenyon College); Microbiology

Mary Terese Tremaine, Akron; B.S. (University of Akron); Microbiology

Susan Laughton Turner, Columbus; B.S. (University of Kansas); Allied Medical Professions

Diane Marie Urig, Avon Lake; Home Economics

David Lee Van Der Puy, Sheboygan, Wis.; B.S. (University of Wisconsin); Agronomy

Donald Leslie Vargo, Canonsburg, Pa.; B.A. (California State College); Ph.D.; Agronomy

John David Varner, Belle Center; B.S.; Agricultural Economics and Rural Sociology

Robert C. Vavrek, Jr., Maple Heights; B.S. (Marietta College); Entomology

Behzad Velayati, Bahabad, Iran; B.Sc. (University of North Carolina at Charlotte); Civil Engineering

Juan A. Veloz, Santo Domingo, Dominican Republic; Licentiate (Universidad Pedro Henriquez Urena); Agricultural Economics and Rural Sociology

Patricia G. Vlassak, Columbus; B.S. (University of Cincinnati); Computer and Information Science

Jeffrey William Wadelin, Columbus; B.S. (Ohio Northern University); Pharmacy

David Zeller Walker, Falls Church, Va.; B.S. (Virginia Polytechnic Institute and State University); Agricultural Economics and Rural Sociology

Laura Marie Walter, Columbus; Home Economics

Leo Gerard Walter, Columbus; B.S.E.E.; Electrical Engineering

Keith Alan Ware, Sidney; B.S.; Mathematics

Jonathan Scott Weiss, Austin, Tex.; B.A. (State University College of New York at Geneseo); Geology and Mineralogy

Richard Donald Wetmore, Delaware; B.S. (Baldwin-Wallace College); Physiology

Chugtai Wichienschon, Bangkok, Thailand; B.Eng. (Chulalongkorn University); M.Eng. (Asian Institute of Technology); Geodetic Science and Surveying

Donald Thomas Wilke, Columbus; B.S.M.E.; Mechanical Engineering

Rebecca Sue Wilson, Gahanna; B.S. (University of Kentucky); Computer and Information Science

Montford Wayland Wolf, Cincinnati; B.S.; Animal Science

Bin Bennot Wong, Hong Kong; B.S.E.E.; Electrical Engineering

Michael Der Weng, Silver Spring, Md.; B.S. (University of Maryland); Industrial and Systems Engineering

Chi-Chen Wu, Taipei, R.O.C.; B.S. (National Chiao-Tung University); Electrical Engineering

Andrew Howard Wyatt, Markham, Ontario, Canada; Bach.Tech. (Ryerson Polytechnical Institute); Geodetic Science

Sai-Hung Stephen Ying, Hong Kong; B.Sc. (The Chinese University of Hong Kong); Mathematics

Master of Social Work

John Michael Miga, Columbus; B.A. (Concordia College); Social Work

Lawrence M. Smith, Dunkirk, N.Y.; B.A. (State University of New York at Fredonia); Social Work

Certificate of Specialist in Translation of Russian in the Social Sciences

Timothy Patrick Boeth, Ashland; B.A.; Slavic Languages and Literatures

Colleges of the Arts and Sciences

Chairs, Coordinating Council of Deans: Colin B. B. Bull

Vice Provost for the Arts and Sciences: Thomas A. Wilke

The Colleges of the Arts and Sciences, a federation of five colleges, include:

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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Bachelor of Music Education
Colleen Marie Dawson, Norwalk
Laura Sue Evans, Lima
Jo Ellen Harris, Columbus
B. Music

Bachelor of Science in Industrial Design
Jeffery Alan Damschroder, Elmwood
Garfield Dinges, Jr., Columbus
Brian Linton Hall, Reynoldsburg

Bachelor of Science
Anne C. Cotleur, Lakewood
Joseph N. Dominguez, Toledo
Laura Jean Eichenlaub, Columbus
Peggy Ann Farmer-Bylley, Cincinnati
Hsin Min Ou, Piscataway, N. J.
Thomas Robert Hanf, Columbus
Karen Lynn Holycross, Circleville
Tamara Lynn Hughes, Circleville
Linda Natalie Jones, Dayton
David Warren Kase, Roanoke, Va.
Eric Keller, Swanton
Laura E. Lantry, Columbus
Douglas G. Marklin, Dublin
Ronald Louis Miller, Roxbury, N. J.
Craig Evans Munger, Painesville
Joshua Femi Obayomi, Abuja, Nigeria
Mark Fisher Ottolot, Niles
Yojoi J. Padia, Nairobi, Kenya
Kimberly Ann Pitzer, Hillsboro
William R. Schwartz, Jerusalem, Israel
Michaele Diane Thomas, Newark
Marcus Earl Williamson, Dayton
Christopher Kurt Yunker, Swanton

Bachelor of Education
Colleen Marie Dawson, Norwalk
Laura Sue Evans, Lima
Jo Ellen Harris, Columbus
B. Music

Bachelor of Science
Anne C. Cotleur, Lakewood
Joseph N. Dominguez, Toledo
Laura Jean Eichenlaub, Columbus
Peggy Ann Farmer-Bylley, Cincinnati
Hsin Min Ou, Piscataway, N. J.
Thomas Robert Hanf, Columbus
Karen Lynn Holycross, Circleville
Tamara Lynn Hughes, Circleville
Linda Natalie Jones, Dayton
David Warren Kase, Roanoke, Va.
Eric Keller, Swanton
Laura E. Lantry, Columbus
Douglas G. Marklin, Dublin
Ronald Louis Miller, Roxbury, N. J.
Craig Evans Munger, Painesville
Joshua Femi Obayomi, Abuja, Nigeria
Mark Fisher Ottolot, Niles
Yojoi J. Padia, Nairobi, Kenya
Kimberly Ann Pitzer, Hillsboro
William R. Schwartz, Jerusalem, Israel
Michaele Diane Thomas, Newark
Marcus Earl Williamson, Dayton
Christopher Kurt Yunker, Swanton

College of Biological Sciences
Dean: Patrick R. Dugan

Bachelor of Arts
Paul G. Brunsmen, Geneva
Larry Allen Smith, Whitehall
Michael William Smith, Columbus
Jeffrey Joseph Smith, Newark
Robin Gay True, Homewood, Ill.
Brian Joseph Wingert, Columbus

College of Social and Behavioral Sciences
Dean: S. Earl Brown

Bachelor of Arts
Michael J. Abaten, Grove City
Daryl Rex Addison, Columbus
Service Laverne, Columbus
Scott David Bell, Bay Village
John Richard Brodhaeker, Euclid
Robert Neil Brodhaeker, Columbus
James Robert Caldwell, Mentor-on-the-Lake
Michael Dean Davenport, Columbus
Annette Gabrielle Dietchen, West Mansfield
Susan Jean Eschilman, Columbus
Michael Robert Evans, Columbus
Jeffrey Creighton Feagham, Tiffin, Ohio
Katherine J. Foster, Worthington
Kerril Ann Foster, Heath
Charles Madison Fry, Jr., Columbus
Anthony Vincent Galli, Kettering
Scott David Gatchell, Harper College
Maiga Maber Girgis, Columbus
Joyce Lynne Grandey, Edgeworth
Mark Richard Grindel, Westerville
Mitchell Phalin Grindley, Westerville
Mark Steven Hall, Marion
Pamela A. Henderson, Bay Village
Michael J. Hitesman, Columbus
Ruby Jean Hopkins, Columbus
Robert Michael Hunter, Toledo
Jamie Beth Eapile, Columbus
Julie Ann Keenher, West Chester
David P. Kelly, Jackson Center
Nancy Allison Kirwin, Whitehall
Tami Lyn Klevanich, Shadyside
Karen Susan Komlo, Chagrin Falls
Mary L. Lollini, St. Clairsville
Susan Kay Marzich, Canton
Douglas Charles Matthews, North Canton
Christopher Eugene McAllister, Springfield
Robert Carl Medley, Columbus
Dave K. Mehne, Columbus
Andrew Richard Mendel, Columbus
Stephen J. Mendoza, Columbus
Joby G. Miller, Columbus
Julie Ann Miller, Centerville
Linda Diane Miller, Columbus
James Burton Milts, Kingsville
Angela Benita Morgan, Cleveland
John F. Moynihan, Toledo
Sallee Lynn Muciino, Columbus
Melinda Kay Myers, Dublin

Michael Patrick O'Brien, Columbus
Kevin Michael O'Connell, Westerville
Susan O'Connor, State, Nigeria
Douglas Paulley, Carpathetia, Calif.
Denise Irene Perry, Lafayette
Candace Elaine Pierson, Birmingham, Ala.
Suzanne Marie Popa, Columbus
Linda Marie Pouts, Parma
Diane Mary Reef, Newark
Pendery Haines Reese, Columbus
Barbara Bixby Remlinger, Columbus
Scott Patrick Rider, Columbus
Paul Elliott Ringer, Dayton
Carol Diane Rosenthal, Beachwood
Nancy L. Rothe, Cincinnati
Warren Charles Schuckies, Upper Arlington
Susan Diane Schults, Columbus
Cheryl Marie Simson, Columbus
Lauren Ann Simon, Columbus
Catherine Rose Smith, West Liberty
Beth Ann Snyder, Butler
Robert Kurtis Spangenberg, Dayton
Brenda Joy Stone, Mogadore
Scott Edward Supplee, Columbus
Kenneth Kevin Sutton, Columbus
Margaret L. Tama, Canons Creek, Colo.
Paul James Trayser, Columbus
Kathleen Marie Tunenko, Parma
Mary Ellen Wallstrom, Chardon
John Joseph Walsh, Springfield
Suzanne Bernardette Waters, East Cleveland
Lynn A. Watkins, Westerville
Mark Steven Wellman, Delphos
Celia Westerhausen, Findlay
Vanessa Rena Wise, Newton Falls
Bradley John Wylie, Columbus
Robert Joseph Yasinow, University Heights
Mary Jean Elizabeth Yocca, Columbus
Jennifer Lynn Young, Bluffton
Nancy Alison Young, Worthington
Norman W. Zayits, Columbus
Janice S. Ziskin, Dayton

Bachelor of Science
Robert Reagh Carpenter, Columbus
Sharon Denise Fitzpatrick, Akron
Nancy Kay Garber, Galloway
Brian Richard Grim, West Simsbury, Conn.
Barbara Jean Harrison, Columbus
Barrie Ann Howard, Lima
Carmine P. Iafelice, Solon
Mary Jo Mersol, Poland
R. Jeffrey Ryan, Lima
Emily Grace Wolpert, Marysville

School of Journalism
Bachelor of Arts in Journalism
Lisa Lynn Baker, Delaware
Thomas Robert Bolt, Westerville
Karen Ann Boudrie, Cincinnati
Ellen Heidi Brown, University Heights
Cynthia Paige Buehrer, Maumee
Karen Frances Cahill, North Olmsted
David P. Cavanaugh, Jr., Worthington
Carolyn Joyce Davis, Cleveland Heights
Janice Susan Davis, Columbus
Janice Ann Dunham, Columbus
Kimberly K. Eisenhart, Columbus
Maria Frances Frey, Kettering
Michael A. Garner, Springfield
Linn Marie Grossman, Lyndhurst

Douglas John Kasyon, Brecksville
Amy Celeste Melvin, Cincinnati
Jefferson John Keene, Kingsbury
Paula K. Moorehead, Worthington
Jill Darlene Per fict, Cincinnati
Thor Richard Robin II, Worthington
Brenda Kay Russell, Dublin
Ernest James Shannon, Columbus
Randall Lee Shaw, Columbus
Jeffrey C. Sheban, Youngstown
Leonard Phillip Slomski, Garfield Heights
Robin L. Sora, Columbus
Paulette Renee Thomas, Columbus
Deidre Louise Thompson, Cleveland
Michael Joseph Trubiano, Willoughby
Leslie Schultz Warthan, Columbus
Curtis John Wellington, Boardman
Patricia Marshall Winterstein, Hamilton

College of Administrative Science
Dean: H. Justin Davidson

Bachelor of Science in Business Administration
Michael Brian Adams, Dublin
Gary Wayne Addison, Columbus
Clinton Anthony Allen, Columbus
Sarah Jane Allen, Lima
Gary Anthony Aller, Bellevue
Robert Paul Anderson, Columbus
Thomas Lee Angerer, Barberton
Charles A. Arbuckle, Bellevue
Chaiyut Asawabunchu, Bangkok, Thailand
Kerry Annette Ater, Chillcote
Laura Lee Baird, Columbus
Attila Barandi, Medina
Mark Edwin Baughman, Columbus
Jeffrey Gene Beatty, Columbus
William Gary Beck, Norwalk
Michael Lawrence Belkin, Cleveland
Bridge Mary Bellett, Dayton
Donna Marie Berger, Cincinnati
Terry Dean Bigham, Columbus
Paul Russell Bigley, Columbus
John Ronald Blackburn, Parma
Mark Allen Blumenthal, Beachwood
William Tischler Bonham, Marietta
Lisa Suzanne Bowder, Mentor
Douglas Robert Brandt, Rocky Ridge
Anita Kay Brenner, Hanoverton
Lewis D. Brenner, Hanoverton
Mitch Warren Brown, Lima
Timothy Lewin Brumbach, Lorain
Walter Carl Brumbaugh, West Milton
Mary Elizabeth Bucher, Allenton Park, Pa.
Daniel Thomas Burke, District Heights, Md.
Matt T. Byrne, Fairview Park
Martha Hildebrand Carmack, Columbus
Gay Bailey Carr, Columbus
Richard J. Castellano, Columbus
Michael Alexander Casucio, Wapakoneta
Kaye Ann Cavlovic, Hudson
Jill Herbert Chabruno, Hudson
Tammy Jill Chadwell, Newark
Betsy Jayne Cheppennin, Marietta
College of Agriculture and Home Economics

Acting Dean: Francille M. Firebaugh

Bachelor of Science in Agriculture

Mark Andrew Abraham, Washington C. H.
Patrick Albert, Columbus
Nicholas Blaise Anthony, Wooster
Gerald Bruce Arnett, Hilliard
Lisa Ann Bagley, Sandusky
John Eugene Barga, Rossburg
Jeffrey Dean Barta, Reynoldsburg
Michelle Ann Barta, Columbus
John Joseph Bendle, Westerville
Douglass Keith Etter, Covington
Timothy William Bischoff, Hilliard
Gerald Bruce Arnott, Hillsboro
Lisa Ann Baltes, Columbus
Christopher Robert Huffman, Powell
Diane K. Challenges, Columbus
Jennifer Mary Anne Zenz, Columbus
James Robert von Spiegel, Akron
Anthony Robert Wargo, Huron
David Thurston Warrar, Akron
James Francis Washko, Bedford
David Scott Watkins, Worthington
Matthew S. Weidig, Lake City, Fla.
John Joseph Wendell, Medina
Theresa Marie Wentz, Cincinnati
Todd Blake West, Bellfontaine
Kevin Patrick Westfall, Columbus
Joseph Bennett White, Canfield
Scott Ronald Whiteacker, Dayton
Lynn Ellen Wilson, Newark
Jon J. Wimer, Cambridge
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Chris J. Woods, Cincinnati
Mitchell A. Yager, Parma Heights
Lawrence Charles Yontz, Columbus
Christopher Robert Young, Columbus
Jia-Pei Yuan, Bangkok, Thailand
Jeffrey Dean Yond, Wooster
Marilyn Zangardi, Cleveland
Frank James Zazon, Columbus
James A. Zitzman, Columbus
Michael David Zuern, Fostoria

Bachelor of Science in Agriculture

Dudley Raybon Kindrick, Columbus
Donald Owen Koch, Avon
Calvin Mark Kubinger, Pemberville
Jeanne Fulton Lang, Powell
Jennifer Marie Lewis, Brookville
Kelly Crawford Limhart, Whitehall
David Joseph Long, Columbus
Steven Bryan Magley, Worthington
Lynn Edward Maste, Marion
Amy Marie Mengers, Chillicothe
Linda Jo Messer, Columbus
E. Darren Metzger, Williamsport
David James Minton, Columbus
David Lee Moore, Uniontown
Jack Christy Moore, Columbus
Lynne Elaine Moore, Holgate
Alan Curtis Motta, Grafton
Norman Mustaffa, Columbus
Michelle Ann Myers, Cincinnati
Steven Michael Neal, Jamestown
Peggy Lou Nell, Columbus
Gary Allen Nemeth, Cleveland
Peter Robin Newman, South Vienna
Jackson C. M. Ngjumi, Nairobi, Kenya
Gary Lynn Prill, Van Wert
John Waldo Radabaugh, Edgerton
Leesa Lynn Rader, Galion
Jane Ellen Rambo, Delaware
Joseph Peter Reinheimer, Wooster
David Frank Ritschel, Parma Heights
Jeffery William Roach, Piqua
William Patrick Rolle, Roseau, Dominica
Edward Harry Riehburg, Salem
Mary Hughes Seeman, Cincinnati
Steven Ray Sims, Lima
Susan Ann Slusser, Dover
Joseph Alton Smith, Cincinnati
Michael Solti, Maple Heights
Alan Breet Sowards, Orient
Brian Lee Stevens, Williamsport
Marcia Kay Stuttsman, Berlin
Janet Taylor Vorhance, New Port, N. H.
Mark Kevin Vassen, Sunbury
Darlene Mae Wharram, Geneva
Linda Ann Wigington, Columbus
Richard Max Wight, Goshen
Richard Paul Wright, Glenford
Diane K. Yantes, Sherrardville
Paul William Zancovich, Kettering

Bachelor of Science in Food Science

William Edward Chidron, Dalton
Julie Anne Klein, Eaton
Julie Kathleen Wolski, Hudson
Julie Katherine Alice, Cincinnati
Hugues Victor Saint-Amand, Wooster
David John Sembar, Columbus
Mary Kay Stephenson, Lorain
Lynda Darlene Woodburn, Marion

Bachelor of Science in Nutrition

Debra Lynn Nelson, Cleveland

School of Home Economics

Bachelor of Science in Home Economics

Lynn Annenberg, Middletown
Rebecca Bailey, Canton

School of Natural Resources

Bachelor of Science in Natural Resources

Robert John Arigi, Westchester, Ill.
Jeffrey Berling, Grove City
James Robert Boudin, Columbus
Amanda Clay Chambers, Fremont
Barbara Sue Conley, Ada
Donna Marie Creager, Cincinnati
College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Abdulkadir Abubakar, Bauchi, Nigeria
Salihu S. Abubakar, Bauchi, Nigeria
Laura Ann Adkins, Reynoldsburg
Adamu Aji, Bauchi, Nigeria
Margaret Ann Armstrong, Youngstown
Susan Ann Aters, Willoughby
Ahnana Dargayu Ache, Bauchi, Nigeria
Donna Marie Baceik, Northfield
Anne Mae Baker, Columbus
LynnAnn Frasier Bartels, Columbus
Ann Elizabeth Baylor, Lima
Peggy Jean Basyor, Troy
Samuel Cheung Beijing, Ottawa
Evan Timothy Bennett, Columbus
Carmen James Bonanno, Orient
Mark Allen Botz, Columbus
Kenneth Dean Bray, Columbus
Jim B. Broyles, Donnelsville
Felipe Rodgers Buckner, Darien, Conn.
Issaku Yusuf Bununu, Bauchi, Nigeria
Herbert Sue Burcham, Johnstown
Sherri L. Byer, Columbus
Vivian Marie Calabretta, Columbus
Lisa Kay Capotosto, Columbus
Molly Carver, Sandusky
Beverly Brayton Casto, Lima
Amanda Clay Chambers, Fremont
Cathryn Susan Cheliss, Columbus
Catherine E. Clarke, Columbus
Kari S. Cline, Mansfield
Jennifer Long Cook, Columbus
Christine Louise Crabtree, Columbus
Virginia Christine Crandall, Bay Village
Amada Y. M. Denhausa, Bauchi, Nigeria
Dayna Lynn Davis, Columbus
Kyle Louise Dennis, Columbus
Ruth Elizabeth Dine, Canton
Karen Di Pangrazio, Columbus
Kathleen Elizabeth Dickens, Grove City
Donna Sue Dittemer, Bay Village
Carolyn Johnson Dresser, Columbus
Patricia Ann Duke, Youngstown
Jill Kathleen Duroso, Madison
Jeffrey M. Dyer, Youngstown
Abubakar Hamza El-Nafaty, Bauchi, Nigeria
Mark Thomas Endicott, Dayton
Karen Consuelo Everhart, Elyria
Jill Ferguson, Columbus
Janis Elaine Foell, Dayton
Debra Kay Fries, Columbus
Paul Douglas Frye, Newcomerstown
Susan Kay Fuert, Kailua
Sharon Walls Garman, Grove City
Donna Lee Gege, London
Jacquelyn Gail Gerst, Columbus
Stacy Lynn Goodhart North Robinson
Samuel J. Graves Versailles
Alan Brett Griffith, Sparta
Laurene Lisa Gronec, Lakewood
Susan Lynne Hall, Columbus
Abubakar Haneem, Bauchi, Nigeria
Noreen Ann Harrison, Killingsworth, Conn.
Johanna Ray Hartfield, Granville
Evelyn Helfinstoller, Loveland
Kathy Ruth Henise, Jamestown
Kathryn G. Herminghausen, Westerville
Lynda Ann Holbrook, Cincinnati
Jay K. Hostetler, Elyria
Edwin Terry Howard, West Chester
Sandra L. Hunter, New London
Cynthia Jo Hurley, Ironton
Laurie Beck Hyatt, Centerville
Carol Ann Irwin, Columbus
Dahiru Yawu Jama'a, Bauchi, Nigeria
Abdu Bawa Joggers, Bauchi, Nigeria
Joseph Allen Johnson, Plain City
Julie Anna Jones, Columbus
Susanne Marie Kase, Powell
Lori Rochelle Katz, Steubenville
Christine Marie Kenyon, Lexington
Usman Muss Kinafa, Bauchi, Nigeria
Deborah Lynn Kitchen, Hilliard
Cynthia Marie Knoth, Dayton
Kimberle Ann Kramer, Worthington
Levonda Jean Kreitzburg, Reynoldsburg
Susan Michelle Lauterman, Columbus
Kabir Mohammed Lele, Bauchi, Nigeria
Ann Marie Lieb, Kinsman
Brian Keith Lien, Fairfield
Lisa Ann Lintner, Circleville
Diana Lynn Greenlee List, Ashville
Stephanie Sue Longley, Akron
Guy Douglas Mano, Thornville
Teresa Ann McCarthy, Ironton
Susan Rae McClaren, Shelby
Sonia Maria Midkiff, Reynoldsburg
Diane Lynn Mericle, Delphos
Nancy Ann Miller, Cincinnati
Ann Venzilla Miller, Columbus
Lisa Marie Montgomery, North Canton
Cynthia Elizabeth Moore, Tusca
Tina Reise Morris, Shaker Heights
Daniel Danladi Nayanoko, Bauchi, Nigeria
Karen Willis Nell, Reynoldsburg
Teresa Ann Noble, Reynoldsburg
Cynthia Ann Orman, Columbus
Linda Ann Pagliaro, Reynoldsburg
Irene Marie Parkhurst, Columbus
Lynn Marie Parr, Columbus
Cynthia Fuller Payler, Cincinnati
Elizabeth Mary Parina, Columbus
Dean Richard Petruzzi, Willoughby
Tina Jerome Petry, Cardington
Karen Marie Piecedo
Kristie I. Plank, Ashland
Joy Ann Purkiser, West Chester
Lori Esterle Ramsey, Loudonville
Cynthia Jane Riddell, Airfield
Elizabeth Blaine Riley, Newark
Marlene S. Robbins, Columbus
Deborah Sue Rollins, Zanesville
Tori Lynn Rudolph, Columbus
Ladan M. Sambo, Bauchi, Nigeria
Lori Ann Sandor, Lancaster
Cynthia Louise Sayers, Springfield
Trena Ann Schake, East Amherst
Tanya Jean Schaila, Hephurton Kenton
Philip Henry Schnittger, Brooklyn
Linda F. Sears, Reynoldsburg
Rebecca Ann Shaffer, Elyria
Phyllis Valiere Shaw, Sandusky
Pamela Lynn Sheatsley, Alliance
Jody Pack Shepard, Columbus
Teresa Ludwig Shilling, Columbus
B.S.
Leslie Skelly, Lima
Deirdre Joy Smith, University Heights
Dena Sue Smith, Lima
Tonja Lou Smith, Wapakoneta
Eileen Suzanne Snider, Reynoldsburg
Stanley John Sobiech, Cleveland
Wade Hampton Spears, Mt. Vernon
Kathryn Magella Spires, Lancaster
Christopher Augustus Stallman Jr., Columbus
Robert A. Stotts, Willard
Jane Strauss, Smithfield
Wade Hampton Spears, Mt. Vernon

College of Dentistry

Dean: William R. Wallace

Certificate of Graduate Dental Hygienist

Barbara Lynne Bruno, Lorain
Julie Ann Keenher, West Chester
Angela Renita Morgan, East Cleveland
Bachelor of Science in Civil Engineering
Patrick Anthony Albarano, Steubenville
Hamid Reza Djamanshabahi, Shirazi, Iran
Ronald Todd Erb, Columbus
Carol Ann Fantozzi, Columbus
Daniel Charles Hollander, Delaware
Gregory Brent Huber, Wapakoneta
Forrest (Nghia) T. Luu, Columbus
Kelly Lee Miller, Columbus
Richard Ivanman Morris, Columbus
Larry Gene Parks, Mansfield
Larry Thomas Parrell, Cambridge
John David Prentice, Worthington
Scott Frederick Randall, Aurora, Ill.
Loyal Rick Ruegsegger, Waverly
James Timothy Sayler, Berea
Stew Chuan Tan, Seremban, Malaysia
Jeffrey Scott Terry, Powell
William Lee Turner, Jr., Cleveland
David M. Ungar, Lakewood
Gary Dennis Yancey, Elyria

Bachelor of Science in Computer and Information Science
John Robert Balogh, Edgerton
Randolph Lewis Boring, Columbus
Michael Edward Capelle, Monroeville
Scott Edison Davies, Findlay
James Fredrickson, Moorestown, N. J.
Stewart Harlan Golden, Columbus
Bruce Alan Holloway, Jr., Pickerington
Rakesh Jain, Jamaica Estates, N. Y.
Randall Eric Johnson, Urbana
David William Keene, Avon Lake
Glendon Craig King, Worthington
Terese Anne Little, Columbus
David Jack Park, Columbus
George Edward Raudabaugh, Columbus
Cynthia Ann Steele, Gahanna
Linda Ann Thayer, Lancaster

Bachelor of Science in Electrical Engineering
Issam Hassan Nasser, Beirut, Lebanon

Bachelor of Science in Industrial and Systems Engineering
Samuel Alahi
Hossein K. Asgari, Tehran, Iran
Tony Anthony Austin, Columbus
Steven Louis Barnacki, Avon Lake
Daniel Eric Bishop, Columbus
Robert Paul Brinkman, Columbus
Roderick William Caldwell, Columbus
Antonio Ignatius Chirico, Dayton
Roger Andley Clark, Columbus
Jeffrey Philip Cohen, Miami, Fla.
Robert Arthur Collins, Indialantic, Fla.
Fred Eugene Custer, Wheeling, W. Va.
Garth S. Finch, Cincinnati
David Rahm Fitch, Portsmouth
Roy Allen Flower, Toledo
David Charles Gase, Fortostia
Jacob Sean Glower, Columbus
James Harvey Godfrey, Newark
Craig Joseph Hannan, Shadyside

Bachelor of Science in Mechanical Engineering
Annette Lynn Hiasang, Rock Island, Ill.
Mohd Salleh Kayat, Kuala Lumpur, Malaysia
Amir H. Mamaghani, Tehran, Iran
James Joseph Maxa, Columbus
Joyce Ann Wagner, Wooster
Richard Allen Yarborough, Clinton

Bachelor of Science in Aerospace Engineering
Sean Patrick Barrett, Centerville
Carolyn Ann Regan, Bellevue, Wash.
Mark Webster Welbodt, Springfield

Bachelor of Science in Agricultural Engineering
Emrailah Ahmad Ertan, Columbus
Gregory Paul Gordon, Dover
David Carl Hirth, Dublin
Kari Edwin Hirzel, Northwood
Robert James von Seggern, Delta

Bachelor of Science in Ceramic Engineering
Carl William Berlin, Wadsworth
Keith L. Fuller, Zanesville

Bachelor of Science in Chemical Engineering
Annette Lynn Hiasang, Rock Island, Ill.
Mohd Salleh Kayat, Kuala Lumpur, Malaysia
Amir H. Mamaghani, Tehran, Iran
James Joseph Maxa, Columbus
Joyce Ann Wagner, Wooster
Richard Allen Yarborough, Clinton

Bachelor of Science in Educational Studies
Barbara Crouch Sullivan, Dunning, Fla.
Julie Ann Teft, Columbus
Allen Kent Terry, Kenton
Judy Ann Thompson, Centerville
Patricia Jo Thompson, Youngstown
Wendy Lynn Thurman, Marysville
Carol Miller Tiffany, Wauseon
Tonya Denise Wagner, Sulphur Springs
Susan Jean Wehrle, Columbus
Arlene Mae Weissman, Columbus
Carol Miller Tiffany, Wauseon
Mary Ann Wood, Springfield
Jacquelyn Benay Wright, Sulphur
Donna Marie Williams, Lima
Gary Leon Williams, Wilmington
Jacquelyn Benay Wright, Sulphur

College of Engineering
Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering
Sean Patrick Barrett, Centerville
Carolyn Ann Regan, Bellevue, Wash.
Mark Webster Welbodt, Springfield

Bachelor of Science in Agricultural Engineering
Emrailah Ahmad Ertan, Columbus
Gregory Paul Gordon, Dover
David Carl Hirth, Dublin
Kari Edwin Hirzel, Northwood
Robert James von Seggern, Delta

Bachelor of Science in Ceramic Engineering
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Keith L. Fuller, Zanesville

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Amir H. Mamaghani, Tehran, Iran
James Joseph Maxa, Columbus
Joyce Ann Wagner, Wooster
Richard Allen Yarborough, Clinton

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Forrest (Nghia) T. Luu, Columbus
Kelly Lee Miller, Columbus
Richard Ivanman Morris, Columbus
Larry Gene Parks, Mansfield
Larry Thomas Parrell, Cambridge
John David Prentice, Worthington
Scott Frederick Randall, Aurora, Ill.
Loyal Rick Ruegsegger, Waverly
James Timothy Sayler, Berea
Stew Chuan Tan, Seremban, Malaysia
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William Lee Turner, Jr., Cleveland
David M. Ungar, Lakewood
Gary Dennis Yancey, Elyria

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Randolph Lewis Boring, Columbus
Michael Edward Capelle, Monroeville
Scott Edison Davies, Findlay
James Fredrickson, Moorestown, N. J.
Stewart Harlan Golden, Columbus
Bruce Alan Holloway, Jr., Pickerington
Rakesh Jain, Jamaica Estates, N. Y.
Randall Eric Johnson, Urbana
David William Keene, Avon Lake
Glendon Craig King, Worthington
Terese Anne Little, Columbus
David Jack Park, Columbus
George Edward Raudabaugh, Columbus
Cynthia Ann Steele, Gahanna
Linda Ann Thayer, Lancaster

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Issam Hassan Nasser, Beirut, Lebanon

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Hossein K. Asgari, Tehran, Iran
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Steven Louis Barnacki, Avon Lake
Daniel Eric Bishop, Columbus
Robert Paul Brinkman, Columbus
Roderick William Caldwell, Columbus
Antonio Ignatius Chirico, Dayton
Roger Andley Clark, Columbus
Jeffrey Philip Cohen, Miami, Fla.
Robert Arthur Collins, Indialantic, Fla.
Fred Eugene Custer, Wheeling, W. Va.
Garth S. Finch, Cincinnati
David Rahm Fitch, Portsmouth
Roy Allen Flower, Toledo
David Charles Gase, Fortostia
Jacob Sean Glower, Columbus
James Harvey Godfrey, Newark
Craig Joseph Hannan, Shadyside

Karl Parker Harvey, Rushsylvania
James Henry Homer, Columbus
Abdulrahman Khalid Jallad, Toukarm, West Bank
Terry Lynn Johnstone, Reynoldsburg
Jeffrey Joe Karcher, Cairo
Michael E. Kastner, Jr., Huntington, Conn.
Erik Andrei Lars, Indianapolis, Ind.
Yuikou Benjamin Lee, Cleveland
Perry Andrew Molley, Canal Winchester
Gerard Roger Morris, Bellflower, Calif.
Wai Leung Ngai, Hong Kong
Peter Charles Quinnet, Columbus
Clinton Robert Parry, Youngstown
Douglas Patrick Pohl, Geneva
James Michael Prokup, Delance
Bruce Paul Renard, Newark
Frank Robinson, Jr., Cleveland
Roger Elmer Romie, Troy
Michael William Rush, Columbus
Paul Chris Sadie, Parma
Steven T. Saunders, Newark
Douglas Joseph Srofe, Ashland
Ludwig J. Stevens, Stuttgart, Germany
Giancarlo Tasso, Sao Paulo, Brazil
Karen Clarkson Thompson, Sidney
Michael J. Thompson, Cleveland
Steven Lee Tubbes, East Rochester
John A. Vietmeier, Livon
Ninh Van Vu, Columbus
Steven Richard Waggner, London
Dennis Eugene Weber, Trenton
Alan John Will, New Bremen
Ray Alan Williams, Beavercreek
David Alan Woodward, Stow
Jin-Cherng Yuen, Bangkok
Paul Owen Zimmerman, Delaware

Industrial Engineer
Robert Walter Misbowsky

Bachelor of Science in Industrial and Systems Engineering
Muhsin Hosane Al-Sane, Khittan, Kuwait
Stefan Thomas Anderson, Bowling Green
Leonard W. Copus II, Unipolus
Annette M. DePauw, North Olmsted
David Paul Edelbrock, Findlay
Roger DeLano Farrell, Columbus
Clarke Scott Freed, Toledo
James Michael Hale, Akron
Mark Allan Klosterman, Celina
Sandra Carol McGough, Vermillion
Joseph Donald Moskal III, North Tonawanda, N. Y.
Claudia Lee Novicki, Columbus
Scott William Ritter, Sandusky
Mitchell Todd Stone, Newark
Sandra Rose Tackett, Sunbury
Yilmaz Wube, Columbus
Mechanical Engineer
John A. White

Bachelor of Science in Mechanical Engineering
Anuporn Aornrithee, Bangkok, Thailand
James Joseph Baird, Columbus
Jeffrey Allen Banks, Tiffin
Ross Julian Bolloni, Brecksville
Victor Eugene Carpenter, Kent
Jeffrey David Clark, Harpster
Mortensavi Hashemi Dolatabady, Tehran, Iran
Steven Keith Ennis, Columbus
Kamyar Enshayan-L, Columbus
Robert A. Fresco, Columbus
Jonas Joseph Fuller, Cleveland
Ronald Alan Gatche11, Harpster
Suzanne Lynn Gatche, Columbus
John Eugene Nemeth, Elyria
Klaus Dieter Hausmann, Rocky River
Craig Alan Johnson, Kettering
Amir Ali Kamounneh, Tehran, Iran
Douglas James Kohres, New Washington
Alan George LaForest, Findlay
Krisa Lynn Lee, Parma Heights
Chad Eugene Law, Crestline

Bachelor of Science in Metallurgical Engineering
Francis R. Papay, Jr., Amherst
Scott David Whitney, Worthington
Betty Jane Wise, Lakeville

Bachelor of Science in Mining Engineering
Brett Ivan Gross, Columbus
Gregory Stephen Williams, Rocky River

Bachelor of Science in Surveying
Warren Diehl, Ashville

Bachelor of Science in Welding Engineering
Robert Scott Boggs, Columbus
Jerry H. Grajzl, Jr., Chesterland
Timothy Edward Hatten, Columbus
Scott Douglas Knochel, Broadview Heights
Jerome Clyde Nordby, Dayton
James Bernard Toenis Koetter, Worthington
Dean Yashan, Amherst

School of Architecture
Bachelor of Science in Architecture
William Hodges Hendrix, Columbus
Bachelor of Science in Landscape Architecture
Jonathan Dudley Wood, Lakewood

College of Law
Dean: James E. Meece

Juris Doctor
Elliot W. Abarbanel, Chicago, Ill.
B.A., M.A. (University of Chicago)
Pamela An Ames, Columbus
B.S.Nurs., M.S.
Jennifer Ruth Bacon, Upper Sandusky
B.A. (Miami University)
Susan E. Boker, Warren
B.A.
Pamela Sorgatz Bouquet, Fairborn
A.B. (University of Illinois);
M.Ed. (Wright State University)
William Roger Decatur, Oxford
B.A. (Miami University)
Cynthia Lynn Dillon, Cincinnati
B.A. (University of Cincinnati)
Linda Jane Fisher, Columbus
B.A. (Miami University);
M.B.A. (George Washington University)
David Stanley Pennington, Columbus
B.A. (University of Washington)
Margaret Jayne Pitts, Kent
Bachelors of General Studies (Kent State University)
Diane Catherine Reichwein, Columbus
B.A.S.W. (University of Pittsburgh)
Mark Samuel Toledo, Boise, Idaho
B.A. (Boise State University)
Lisa Toth, Paris, France
B.S. (Antioch College)
John Frederick Winkler, Wellston
B.A. (Yale University)

College of Medicine
Dean: Manuel Tzagournis, M.D.

Doctor of Medicine
Norman Douglas Baker, Columbus
B.A. (Wittenberg University)
Cynthia Ann Coles, Zanesville
B.S. (Ohio University)
James Robert Evans, Columbus
B.S.
John Russell Hazelip, Uniontown
B.S. (Kent State University)
Daniel John Heinmiller, Columbus
B.S. (University of Notre Dame)
Debra Ann Holdman, Marietta
B.S. (Marietta College)
Harry Waidron McConnell, Akron
B.S. (McGill University)
Richard John Patterson, Canton
B.A. (Northwestern University)
William Elmer Scherger, Delphos
B.A.
Ronald Ian Short, Cleveland
B.A. (Duke University)
Jeffrey Dean Trabue, Columbus
B.A. (Wittenberg University)
Blayre Rebecca Tuggle, Cincinnati
B.A. (Wittenberg University);
B.S. (Ohio University)
Edith Kay Woody, Columbus
B.S. (Bethune-Cookman College);
M.S. (Atlantic University)

School of Allied Medical Professions
Bachelor of Science in Allied Health Professions
Virginia Louise Abbot, Columbus
Janice Marie Adamovich, Macedonia
Rosemary Ann Andorka, Canton
Beth Marie Bable, Flat Rock
Julie May Baptista, Bellevue
Carol Frances Bartolo, Youngstown
Carolyn Louise Bergin, Warren
Kandy Alise Berman, Lancaster, Pa.
Cheryl Ann Borden, Columbus
Barbara Ann Boucher, Bryan
Teresa Ann Burk, Springfield
Diane Marie Caligiuri, Cincinnati
Sharon Sue Corrigan, Toledo
Ruthann Crane, Youngstown
Nancy Marie Crisman, Brookfield
Kathy Lynn Davis Cressen, Rio Grande
Robert Warren Crossman, Loudonville
Susan Elaine Dickman, St. Marys
Karen Sue Eldridge, Chardon
Diane Patricia Faehnle, Columbus
Joseph James Fagan, Ocean City, N.J.
Beth Barth Farrington, New Washington
Peggy Ann Fink, Broadview Heights
College of Pharmacy
Dean: Albert H. Soloway

Bachelor of Science in Pharmacy
Angel Lea Ciancio, Ravenna
Mark Stephen Dominik, Celina
Juliet Claire Gathoff, Hudson
Paul Jeffrey Hassel, Chardon
B.S. (Heidelberg College)
Scott Gerard Jamison, Columbus
Brian George Prewitt, Blanchester

College of Social Work
Acting Dean: Thomas M. Meenan

Bachelor of Science in Social Welfare
Elizabeth Ann Henderson, Cincinnati
Audrey Paulette Szwititz, Dayton

Graduates with Honors
With Distinction in
Agricultural Economics
Alan Curtiss Motto

With Distinction in
Photography and Cinema
Janet Myers Schmidt

With Distinction in English and
With Honors in the Liberal Arts
Genevieve Lynn Van Hyde

With Honors in the Liberal Arts
Daniel Buchanan

Summa Cum Laude

Susan J. Horner
Douglas Eugene Horton
Mary Elizabeth Hoying
Cathy Ann Jackson
Elizabeth Seton Kilheimer
Kaye Marie Kipp
Nancy Eileen Kirwin
Ann Marie Lieb
Teresa Ann McCarthy
Stephan Michael Neal
Barbara Testino Nini
Mark Dale Oberly
Cynthia Ann Ortman
Richard John Patterson
Kristie J. Plank
George Edward Raudbaugh
Mary F. Rieser
James Timothy Sayler
Douglas Joseph Scofen
Mary Hughes Seeman
Lesa F. Stower
Marcia Kay Stutzman
Barbara Crouch Sullivan
Janet Taylor Terhune
Ruth Elaine Torrie
Laura Marie Walter
Donna Marie Williams
Roxanne Wiseman
Diane K. Yandel
Michael David Zuern

Cum Laude with Distinction in
Environmental Communications
Dorothy Marie Durgin

Cum Laude with Distinction in
Family Relations and Human Development
Diane Marie Urig

Cum Laude with Distinction in Horticulture
Steven Myran Magley

Cum Laude with Distinction in Plant Pathology
Timothy Binchoff

Cum Laude with Distinction in Textiles and Clothing
Teena Marie Kite

Cum Laude with Distinction in Astronomy and with Honors in the Liberal Arts
Stephen Andrew Cota

School of Nursing

Bachelor of Science in Nursing

Milinda Birnbaum, Marion
Syndee Jo Brittingham, Shadyside
Kathy Lynn Conner, Bainbridge
Karen Joan Crane, Canton
Anita Marie Davis, Ravenna
Kendall Jayne Davis, Akron
Martha Marie Doody, Rocky River
Becky Ann Fager, Youngstown
Tracy Anne Gaul, Strongsville
Kathy Ann Gorash, Amsterdam
Theresa Marie Grohs, Sandusky
Dawn Lynnette Hawkes, Williamsport
Cynthia Pablo Makh, Worthington
Laurne Marie May, Hubbard
Julie Christine Peru, Strongsville
Laura Beth Riehm, Cincinnati
Rebecca Jo Latorre Schmidt, Galloway
Deborah Ann Tettelbach, Cincinnati
Susan June Wallace, Columbus

College of Pharmacy
Dean: Albert H. Soloway

Bachelor of Science in Pharmacy
Angel Lea Ciancio, Ravenna
Mark Stephen Dominik, Celina
Juliet Claire Gathoff, Hudson
Paul Jeffrey Hassel, Chardon
B.S. (Heidelberg College)
Scott Gerard Jamison, Columbus
Brian George Prewitt, Blanchester

College of Social Work
Acting Dean: Thomas M. Meenan

Bachelor of Science in Social Welfare
Elizabeth Ann Henderson, Cincinnati
Audrey Paulette Szwititz, Dayton

Graduates with Honors
With Distinction in
Agricultural Economics
Alan Curtiss Motto

With Distinction in
Photography and Cinema
Janet Myers Schmidt

With Distinction in English and
With Honors in the Liberal Arts
Genevieve Lynn Van Hyde

With Honors in the Liberal Arts
Daniel Buchanan

Cum Laude

Cum Laude with Distinction in
Environmental Communications
Dorothy Marie Durgin

Cum Laude with Distinction in
Family Relations and Human Development
Diane Marie Urig

Cum Laude with Distinction in Horticulture
Steven Myran Magley

Cum Laude with Distinction in Plant Pathology
Timothy Binchoff

Cum Laude with Distinction in Textiles and Clothing
Teena Marie Kite

Cum Laude with Distinction in Astronomy and with Honors in the Liberal Arts
Stephen Andrew Cota

Summa Cum Laude

Gary Wayne Addison
Kerry Annette Ater
Cheryl A. Borden
Gay Bosley Carr
Warren Earl Diehl
David Raymond Heilers
John Frank Herbert, Jr.
Carol Ann Irwin
Erik Andrea Javitz
Chad Eugene Law
Drew Allen Logan
Denn Paul Mergeson
Daniel Philip Miscotilli
Gerald Roger Morris
Dana Gast Pritchett
Lori Ann Sandor
Steven T. Saunders
Linda F. Searcy
Teresa Ludwig Shilling
Leslie Shelly
Susan Lynn Smith
Kristine Frey Tikson

Summa Cum Laude with Distinction in
Forest Biology
Joel Preston Tilley

Summa Cum Laude with Distinction in
Textiles and Clothing
Barbara Jean Chapman
Page 266 is blank
The Board of Trustees met at its regular monthly meeting on Thursday, December 9, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
December 9, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, 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.


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The meeting of the Board of Trustees reconvened at 1:30 p.m.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY
Resolution No. 83-61

Synopsis: Amendments to rules 3335-5-46, 3335-5-49, 3335-5-50, 3335-5-52, and 3335-7-32 are presented for adoption.

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 Rules of the University Faculty were approved by the University Senate on November 13, 1982, as follows:

Amended Rules

3335-5-46 Senate committees.

(E) Committee chairpersons: except where otherwise specified by the senate, each committee shall elect its chairperson pro tem in the spring from its continuing membership and a chairperson at its first meeting in the autumn quarter.

(F) Committee vacancy: the chairperson will report vacancies to the appropriate nominating source. For the purpose of this rule, a vacancy exists when an elected member is on leave of absence or fails to meet the participation requirements defined by the committee.

Steering committee

(I) The steering committee shall consist of thirteen members apportioned as follows: six faculty, one dean, two administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate reelection. The representatives from the administration shall be the vice president for academic affairs and provost and the university fiscal officer. The (elected) members of the steering committee shall be chosen as follows:
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

(1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.

(2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.

(3) The four student members shall be as follows:
The president of the graduate-professional council
The president of the council of graduate students
The president of the undergraduate student government
One elected through nomination from the undergraduate student membership of the senate.

(K) The steering committee shall annually select its chairperson from among the six faculty members of the committee.

(L) The steering committee shall have the following duties and responsibilities:

(1) It shall be the senate's committee on committees: it shall have the power to call, by a vote of nine of its members, a special meeting of the senate, and shall have such power and duties as the senate may delegate to it during periods when the senate is not in session. It may create subcommittees and may delegate to them any of its powers, functions, and duties.

(2) The steering committee shall serve as a channel of communication between the university senate and the president and the 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.

(3) The steering committee shall, at the beginning of each year or as vacancies may occur, nominate candidates for election by the senate to membership on those committees for which other means of nomination are not specified in the rules.

(4) The steering committee shall meet at least once every year with the chairpersons of all standing committees.

Elections committee

(V) The elections committee shall have the following duties and responsibilities:

(3) Hearing appeals concerning election of senate members and making recommendations to the senate on the resolution of such appeals. (B/T 7/7/72, B/T 6/14/74, B/T 3/7/75, B/T 7/9/76, B/T 7/21/78, B/T 7/20/79, B/T 2/1/80, B/T 3/6/81, B/T 12/9/82)
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-49 The library council.

(A) The library council shall consist of nine members of the university faculty, one of whom is a member of the senate; the vice president for academic affairs and provost, or designee; the dean of the graduate school; the director of libraries; one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the graduate-professional council with the approval of the graduate-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The faculty council shall appoint the nine faculty members for three-year terms, three to retire each year and to be ineligible for reappointment during one year thereafter. The chairperson shall be elected from among the faculty members of the library council and shall report to the university senate.

(C) Reports by this council to the president, other than those made through the university senate, shall be made through the vice president for academic affairs and provost.

(D) The library council is responsible for advising the vice president for academic affairs and provost on the appointment of a director of libraries.

3335-5-50 Council on student affairs.

(A) The council on student affairs shall consist of fifteen members as follows:

(1) Eight students to be selected as follows:

(a) The president of the undergraduate student government.

(b) The president of the association of women students.

(c) Two students appointed by the president of the undergraduate student government with the advice and consent of the student assembly.

(d) Two students to be appointed by the president of the council of graduate students with the advice and consent of that council.

(e) One student to be appointed by the president of the graduate-professional council with the advice and consent of that council.

(f) One representative student appointed by the president of the freshman senate from the membership of that body.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

The six students appointed shall serve one-year terms but shall be eligible for reappointment.

(2) Six elected faculty members, at least two of whom shall be university senate members, chosen by the university senate for three-year terms, two to be chosen each year.

(3) The executive associate vice president for academic affairs (student services), who shall vote in case of ties.

(B) The executive associate vice president for academic affairs (student services) shall be chairperson of the council and shall report as requested to the vice president for academic affairs and provost and to the university senate.

(C) The council shall be the principal liaison council between student government and the faculty and administration. It may recommend to the university senate proposed legislation affecting student life and activities. Its administrative responsibilities shall be expressed through recommendations to the executive associate vice president for academic affairs (student services).

(G) Without limiting the generality of the foregoing, the council's jurisdiction shall also extend to rights and responsibilities of students. Other specific responsibilities consistent with the concept of the council as outlined above may be added from time to time by assignment from the vice president for academic affairs and provost.

3335-5-52 Council on admission and registration.

(A) The council on admission and registration shall consist of seventeen 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 three titles shall be ex officio members: vice president for academic affairs and provost or designee (who shall serve as chairperson of the council); executive associate vice president for academic affairs (student services) or designee (who shall serve as secretary of the council); and the vice president for business and finance or designee.

(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.
December 9, 1982 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

(B) It shall be the responsibility of this council to recommend, to the appropriate university offices or to the university senate, depending on the nature of the recommendation, administrative policies governing admission to the university, and student registration. Such recommendations as impinge on academic policies or standards shall be developed in collaboration with the council on academic affairs.

(C) Reports by this council to the president, other than those made through the university senate, shall be made through the executive associate vice president for academic affairs (student services).

3335-7-32 Withdrawal from courses or from the university.

(C) Until five p.m. of the third Friday of a quarter or the second Friday of a summer term, a student may withdraw from any or all courses which began in the same quarter (or term), and no record for the course(s) will be entered on the student’s official permanent record.

(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 director of registration, records, and scheduling 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 director of registration, records, and scheduling 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.

(F) Withdrawal from any or all courses shall not be permitted after the final examination in that course has been given.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to existing Rules of the University Faculty be adopted by the Board of Trustees for implementation and incorporation in the Administrative Code.

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

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THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY
INTRAMURAL PRACTICE PLAN

Resolution No. 83-62

Synopsis: Adoption of a dental practice plan governing the intramural practice activities of faculty members of the College of Dentistry is proposed.

WHEREAS the College of Dentistry has maintained a dentistry practice clinic to promote the research and teaching objectives of the College; and

WHEREAS the dean of the College of Dentistry in consultation with the dentistry faculty and appropriate University offices/officials has determined that the current appointment/fiscal process associated with clinical practice needs to be redefined; and

WHEREAS the establishment of an intramural dentistry practice plan is consistent with practices in place at other colleges of dentistry; and

WHEREAS the establishment of such a plan would further enhance academic excellence within the College of Dentistry as well as the quality of service provided in the dental clinic:

NOW THEREFORE

BE IT RESOLVED, That the Intramural Practice Plan of Dentistry be approved and adopted for implementation effective July 1, 1982, and that the provisions of the plan be designated as Rules 3335-107-01 through 3335-107-05 of the Ohio Administrative Code; and

BE IT FURTHER RESOLVED, That all actions heretofore taken by the Dean of the College of Dentistry pursuant to the provisions of this resolution are hereby affirmed and ratified.
THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY
INTRAMURAL PRACTICE PLAN (contd)

NEW RULES

3335-107-01 Introduction.

The Ohio state university college of dentistry, recognizing that the intramural practice plan of dentistry by all full-time members of the faculty of the college of dentistry who are licensed to practice dentistry in the state of Ohio will serve to enhance the teaching, research and patient care missions of the college, hereby grants to each member the privilege of conducting such intramural practice subject to the terms and conditions incorporated into this practice plan. All persons beginning service as full-time faculty members at the Ohio state university on July 1, 1982, and thereafter, shall be subject to this plan as a condition of their employment at the Ohio state university and all persons who began service as a full-time faculty member prior to July 1, 1982, shall have the opportunity to join this practice plan and it shall then be a condition of their employment at the Ohio state university.

3335-107-02 Definitions.

For purposes of rules 3335-107-01 to 3335-107-05 of the Administrative Code:

(A) "Full-time faculty member" shall mean a member of the faculty of the Ohio state university college of dentistry who is appointed to the college on an appointment requiring one hundred percent service to the university.

(B) "Salary" shall mean the individual faculty member’s base salary specified in the annual notice of appointment issued by the Ohio state university.

(C) "Practice income" shall mean total receipts from patient care fees generated by a full-time faculty member covered under this plan from the performance of patient care services.

(D) "College" shall mean the Ohio state university college of dentistry.

(E) "Dean" shall mean the dean of the Ohio state university college of dentistry.

(F) "University" shall mean the Ohio state university.

3335-107-03 Operational procedures.

(A) Practice time.

All full-time faculty members of the college who are licensed to practice dentistry in the state of Ohio will be permitted to practice up to an average of one day per week within the Ohio state university in accordance with the policies and procedures regarding outside professional services as adopted by the university. No other practice by a full-time faculty member outside the university will be permitted. Practice time and location will be agreed upon by the dean of the college, the individual faculty member and the chairman of the section in which the faculty member serves.
(B) (1) The college of dentistry will supply clinical facilities, known as the "intramural practice clinic," where the individual faculty member is to conduct his intramural patient care practice. Such clinical facilities shall include designated practice space and fixed equipment, including a dental chair, and fixed handpieces associated therewith, laboratory equipment, and operating equipment. The college shall see that the personnel or mechanisms necessary to support the practitioner and to coordinate appointments and billings in accordance with paragraph (C) of rule 3335-107-03 of the Administrative Code are provided the faculty member.

(2) The individual faculty member shall be responsible for furnishing and paying for his or her own specialized materials, instruments, and laboratory fees as determined by the dean.

(C) Appointments, billings and collections.

The college shall be responsible to see that a professional fee office will be maintained as a part of this practice plan. This office shall be responsible to see that billing statements are issued, fees collected, and that appropriate records of all billings and payments are maintained for all full-time faculty participation in this plan. The records will be kept current and be open for inspection by the dean of the college, section chairpersons, or any faculty member participating in this practice plan. Appointment books recording the daily private practice of the members will be kept in the intramural practice clinic by individuals designated by the dean. These books are subject to review by the dean or his representatives.

3335-107-04 Allocation of fee income and costs associated with production of fees.

(A) Distribution of costs.

The college shall maintain accurate records of the total costs (direct or indirect) incurred in university facilities to support patient care practice. It is recognized that these costs are appropriately shared by the Ohio state university, the college of dentistry, and the individual faculty member.

(B) Distribution of practice income.

In addition to his or her "salary," each faculty member participating in this practice plan shall be permitted to generate practice income from his patient care activities. Practice income shall be distributed as follows:

(1) Fifty percent of a full-time faculty member's practice income shall be payable to the individual faculty member, subject to no further university limitations.

(2) A percentage of a full-time faculty member's practice income, as agreed upon by the authorized fiscal representative of the Ohio state university and the dean, shall be paid to the Ohio state university to compensate the university for the costs (direct and indirect) associated with the dental facilities provided at the university. This percentage amount shall be no less than ten percent of practice income.
December 9, 1982 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY
INTRAMURAL PRACTICE PLAN (contd)

(3) The remaining percentage of a full-time faculty member's practice income, after deducting the percentage paid pursuant to paragraphs (B) (1) and (B) (2) of rule 3335-107-04 of the Administrative Code, shall be paid to the college of dentistry to be used as determined by the dean.

3335-107-05 Academic program considerations.

(A) Patient care.

Every patient treated within the intramural practice clinic shall be assigned (or will select on the advice of a referring dentist or physician) a faculty member as his or her personal dentist. The personal dentist will be responsible for the professional care of the patient. The personal dentist shall obtain the necessary consent from each of his or her patients, such that every patient treated within the intramural practice clinic shall be available for student observation and training.

(B) Records.

All records pertaining to patient care, billing, appointments and collections within the intramural practice clinic shall be made available for student observation and training.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the foregoing resolution was adopted by unanimous roll call vote.

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PERSONNEL ACTIONS Resolution No. 82-63

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary and Emeritus Title are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 5, 1982 meeting of the Board, including the following Leaves of Absence Without Salary and Emeritus Title as detailed in the University Budget, be approved.

Leaves of Absence Without Salary

EDWARD P. CORBETT, Professor, Department of English, effective January 1, 1983 through March 31, 1983, to serve as visiting professor at the University of Houston.
Leaves of Absence Without Salary

DAVID K. HSIAO, Professor, Department of Computer and Information Science, effective October 1, 1982 through June 30, 1983, to attend the Naval Postgraduate School.

JOHN H. KESSEL, Professor, Department of Political Science, effective January 1, 1983 through March 31, 1983, to accept a fellowship from the Earhart Foundation to work on a book to be called, *Presidential Parties*.

LOUISE GUTHMAN, Associate Professor, Department of Dance, effective October 1, 1983 through December 31, 1983, for personal reasons.

ELEANOR DANIEL, Assistant Professor, University Libraries, effective November 15, 1982 through January 2, 1983, for medical reasons.

Emeritus Title

VERNON L. THARP, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective February 1, 1983.

RESOLUTIONS IN MEMORIAM

Resolution No. 83-64

Synopsis: Resolutions honoring the service of four of this 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 Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

C. Joseph DeLor

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 9, 1982, of C. Joseph DeLor, Professor Emeritus in the Department of Medicine.

C. Joseph DeLor was born January 24, 1907, in Sandusky, Ohio. He attended the public schools in Sandusky and obtained a Bachelor of Arts degree from Michigan in 1928. He
RESOLUTIONS IN MEMORIAM (contd)

C. Joseph De Lor (contd)

later transferred to The Ohio State University and obtained a Master of Science degree in Pathology in 1934 and a M.D. degree in 1934. Following graduation from medical school he interned at the old St. Francis Hospital from 1934 to 1935 and was a resident in medicine at the University Hospital from 1934 through 1937. He joined the faculty as a Clinical Assistant in 1937. He rose through the ranks and obtained the rank of Professor in the Department of Medicine in 1959. He was a member of the American Board of Internal Medicine, the American College of Physicians, and the American Gastroenterological Association. He was later appointed to the Pomerene Chair of Medicine and in 1977 became Professor Emeritus in the Department of Medicine.

Dr. De Lor received many honors during his career, among these being the Distinguished Service Award from The Ohio State University in 1980. He also received the Alumni Achievement Award from the College of Medicine. There was a named scholarship in biology contributed in his honor at Wittenberg University.

Among his many contributions to the College of Medicine, none was more important than the fact that he was able, in collaboration with former Professor of Surgery, John W. Means, to found the Division of Gastroenterology. The origin of this was commonly known as the old Gallbladder Clinic but gradually developed under Dr. De Lor’s direction into the Division of Gastroenterology. He remained head of this Division until 1968. During this time a recognized training program was established in gastroenterology which has remained until this time. In collaboration with Ernest Scott, former Professor of Pathology, John W. Means, and Harry Reinhart, Professor of Pathology, and other contemporary associates, Dr. De Lor published a large number of scientific papers, largely in the field of gastroenterology and particularly some early important work in the field of gallbladder and biliary tract disease.

One of Dr. De Lor’s most notable characteristics was that of an extreme sense of loyalty to his family, his friends, his patients, and particularly to The Ohio State University and its College of Medicine. No faculty member ever worked harder to promote the quality of patient care and instruction at this College of Medicine.

Among Dr. De Lor’s many interests, none was more important to him than his love of nature. He was an avid fisherman and hunter and, more important, a conservationist in the true sense of the word.

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 M. Gatrell

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 4, 1982, of Robert M. Gatrell, Professor Emeritus in the Department of Art.
RESOLUTIONS IN MEMORIAM (contd)

Robert M. Gatrell (contd)

Professor Gatrell earned his undergraduate and M.A. degrees at The Ohio State University.

Professor Gatrell joined the faculty of The Ohio State University as an Instructor in 1929 and continued to serve until 1976, a total of 48 years of service going through the successive ranks of Instructor to full Professor.

During World War II, Professor Gatrell served first in the Military Police and then in Army Intelligence as a photo-interpreter and was awarded the Bronze Star for special detections he made during Third U.S. Army operations in France.

When he returned to the University in 1946, the School of Art entered upon a period of expansion and an extensive revision of its curriculum. Professor Gatrell became a leader in establishing new educational standards for the school and was instrumental in inaugurating the new area of graphic arts in the instructional program of the school.

Over the years, Robert Gatrell received numerous awards and purchase prizes for his works in various media and is represented in dozens of private and public collections in Ohio. He and his wife have been a part of - and in many ways have guided - the growth and enrichment of art in Columbus for nearly half a century.

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.

Martha Nelson Lewis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 27, 1982, of Martha Nelson Lewis, former Director and Professor Emeritus of the Medical Dietetics Division, School of Allied Medical Professions.

Martha Nelson Lewis was born November 26, 1900, at Good Hope, Ohio. She was educated in the public schools of Washington Court House (Ohio) and received her B.S. degree from The Ohio State University in 1923. Her certificate of dietetic internship and M.S. degree were awarded by the University of Iowa, 1924. She pursued doctoral studies at Washington University, St. Louis, Missouri, and The Ohio State University, 1929-1932. Mrs. Lewis was unable to complete her doctoral program but her scholarly activities earned her an honorary Doctor of Science degree from The Ohio State University in 1979.

Dr. Lewis joined the Home Economics faculty at The Ohio State University in 1941. She served as Director of the Dietary Department at University Hospital 1941-1956 during which time she also organized and directed a dietetic internship master’s degree program. Mrs. Lewis relinquished her position as director of the hospital dietary department in 1956 in order to devote more time to teaching responsibilities.
Innovative educator that she was, Mrs. Lewis began immediately to design an undergraduate dietetics program characterized by integration of clinical with didactic learning experiences. This new Medical Dietetics program was approved in 1962 and was housed in the Department of Preventive Medicine. Ten years later the Millis Commission recognized the coordinated undergraduate curriculum in clinical dietetics as a prototype for the country. For her innovative efforts in dietetic education, Mrs. Lewis was presented the Copher Award, highest honor bestowed by the American Dietetic Association (1968).

Dr. Lewis made a significant contribution to research through balance studies of well infants (1926-1929) and metabolic studies of children with diabetes, celiac disease, epilepsy and malnutrition (1926-1931). During her tenure at The Ohio State University her research related to nutritional aspects of medicine and surgery. Her own diversified list of scholarly publications and the 150 theses written under her direction illustrate her commitment to improving the science of nutrition and application of its principles in the health care setting.

A Martha Nelson Lewis Lecture Fund was established in 1978 with gifts from friends and associates. This endowment fund supports a lecture series on the subject of nutrition.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board’s heartfelt sympathy.
RESOLUTIONS IN MEMORIAM (contd)

Marion Llewellyn Pool (contd)

Professor Pool was a Fellow of the American Physical Society and of the American Nuclear Society, and a member of the European Physical Society and the American Association of Physics Teachers.

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. 83-65

Synopsis: The reports on contracts, grants, and gifts and the summary for October 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 month of October 1982, be approved.

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
December 9, 1982 meeting, Board of Trustees

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

SUMMARY FOR OCTOBER 1982

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<th>Source</th>
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<td>Engineering Experiment Station</td>
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The Ohio State University Development Fund

Establishment of Named Funds

The John J. Gerlach Professorship Fund
(Distinguished Teacher and Scholar--Academic Faculty of Accounting) $ 168,750.00

The Wayne G. English Scholarship Fund
(Scholarship - College of Administrative Science) $ 91,718.75

The Martha G. and Milton Staub Chair for Research in Ophthalmology Fund
(Distinguished Researcher in Ophthalmology) $ 24,945.38

Ralph L. Bazler Memorial Scholarship
(Undergraduate students - College of Agriculture and Home Economics) $ 6,136.00

Jacob E. Davis Professorship in Law Fund
(College of Law) $ 5,237.50

The Harrison Faculty Award for Excellence in Engineering Education
(Faculty Award - College of Engineering) $ 5,000.00

Change of Name and Description of Named Fund

From: American Playwrights Theatre Fund
To: American Playwrights Theatre Scholarship in Playwriting $ 8,475.32
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER 1982 (contd)

Report from Presidents Club

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New Presidents Club Members - October 1982

- Linda A. Fass
- Lisa Marie Kolibash
- James A. Kreglow
- Dale K. Perdue
- Anna Marie Plouffe (Mrs. Joseph F.)
- George A. Rogers
- Michael S. Sprague
- Dean D. Tresch
- Karl F. Volkmar
December 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants


$300,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Advanced SATCOM ECCM Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 1 October 1982 through 30 September 1983. (Project 762948 - Continuation)

$240,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1982 through 30 September 1984. (Project 760081 - Continuation)

$177,679.00 - 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), 1 October 1982 through 30 June 1984. (Project 763166 - Continuation)

$174,195.00 - Environmental Protection Agency, Washington, D. C., Fate of DNA Damage in Human Fetal Cells, Departments of Radiology and Pharmacology (S. M. D'Ambrosio), 1 October 1982 through 30 September 1984. (Project 763308 - New)

$141,200.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), 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), 1 October 1982 through 30 November 1983. (Project 763314 - New)
December 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$110,853.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Seed Vigor Influence on Nitrogen Fixation of Red Field Bean (Phaseolus vulgaris), Department of Agronomy (M. B. McDonald), 30 September 1982 through 31 August 1984. (Project 763325 - New)

$89,410.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1982 through 31 August 1983. (Project 760026 - Continuation)

$79,969.00 - Department of the Navy, Naval Training Equipment Center, Orlando, Florida, OSU/Ship Docking CIG Simulation, Department of Art Education (C. A. Csuri), 16 December 1981 through 16 September 1983. (Project 761954 - Continuation)

$78,509.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Preparation of Computer Science Instructors and Development of Computer Science Curricula through Central Ohio Consortium, Department of Computer and Information Science (L. J. White), 1 October 1982 through 30 September 1983. (Project 763306 - New)

$75,500.00 - National Science Foundation, Washington, D. C., Diffusion Driven Boundary Motion in Alloys, Department of Metallurgical Engineering (P. G. Shewmon and G. Meyrick), 1 February 1983 through 31 January 1984. (Project 762784 - Continuation)


$68,500.00 - 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, Comprehensive Cancer Research Center (D. S. Yohn), 1 July 1982 through 30 June 1983. (Project 763976 - Continuation)

December 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$54,277.00 - 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 1982 through 30 September 1983. (Project 763321 - New)

$53,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Microstrip Analysis Techniques, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 1 November 1982 through 31 October 1983. (Project 762478 - Continuation)


$49,920.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller/Rotor Icing Study, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 January 1983 through 31 May 1983. (Project 762399 - Continuation)

$49,872.00 - 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 (P. W. Murdick), 27 June 1982 through 26 June 1983. (Project 762689 - Continuation)

December 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)


$39,659.00 - National Aeronautical and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modelling 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 March 1983 through 31 July 1983. (Project 763264 - Continuation)

$37,978.00 - Environmental Protection Agency, Washington, D.C., Application of Recombinant DNA Technology to Methane Biogenesis, Department of Microbiology (J. N. Reeve), 1 September 1982 through 31 August 1984. (Project 763263 - Continuation)

$35,000.00 - National Science Foundation, Washington, D.C., Comparative Root Structure of Plants, Department of Botany (R. D. Warmbrodt), 1 November 1981 through 31 October 1983. (Project 762885 - Continuation)

$30,000.00 - Department of the Navy, Naval Air Station, Pensacola, Florida, Study of a Specialized Medical Instrumentation System/Procedure Designed to Diagnostically Screen Visual/Vestibular Deficits and Defects Within the Naval Aviation Population, Department of Otolaryngology (C. W. Stockwell), 14 September 1982 through 14 September 1983. (Project 763309 - New)

$30,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Investigation of Truncation Error Associated with Transonic Full Potential Equation and Optimum Redistribution of Grid Points, Department of Mechanical Engineering (S. Nakamura), 1 July 1982 through 30 June 1983. (Project 760964 - Continuation)
Federal Research Contracts/Grants (contd)


$27,450.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, D. C., Regular Education Inservice (Comprehensive Vocational Education for All Handicapped Persons: Inservice Support for Transition from Education to Work), The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1982 through 31 May 1983. (Project 762183 - Continuation)


$25,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 October 1982 through 30 June 1983. (Project 760226 - Continuation)

$24,981.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 21 October 1982 through 30 April 1983. (Project 761608 - Continuation)

$24,767.00 - Environmental Protection Agency, Washington, D. C., Disinfection of Giardia lamblia Cysts with Chlorine, Chlorine Dioxide and Ozone, Department of Civil Engineering (A. J. Rubin), 27 October 1982 through 27 April 1983. (Project 762487 - Continuation)

$24,705.00 - Department of Education, Office of Special Education, Washington, D. C., Handicapped Pre-Service Personnel Preparation--Continuation Proposal, Third Year, School of Health, Physical Education and Recreation (W. F. Ersing), 1 October 1982 through 31 May 1983. (Project 762175 - Continuation)

$22,235.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simulator, Department of Mechanical Engineering (D. A. Guenther), 30 August 1982 through 31 December 1982. (Project 762594 - Continuation)
December 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$19,832.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler), 30 September 1982 through 31 August 1983. (Project 760924 - Continuation)

$18,300.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Dean's Grant, Academic Faculty for Exceptional Children (P. A. Connard), 1 October 1982 through 31 May 1983. (Project 762170 - Continuation)

$17,736.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunobiology of Boronated Monoclonal Antibodies, Department of Pathology (R. F. Barth and C. W. Johnson), 1 October 1982 through 30 September 1983. (Project 762893 - Continuation)

$12,330.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Color and Brightness Channels of the Visual System, Division of Sensory Biophysics (C. R. Ingling, Jr.), 30 September 1981 through 28 February 1983. (Project 761926 - Continuation)

$11,590.00 - 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 for Exceptional Children (R. H. Swassing), 1 October 1982 through 31 May 1983. (Project 763165 - Continuation)

$11,395.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Ohio State University Preservice Training Project for Special Education Personnel, Academic Faculty for Exceptional Children (P. A. Connard), 1 October 1982 through 31 May 1983. (Project 762853 - Continuation)

$10,780.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Steric Course of Nucleic Acid Methylation by Carcinogens, Department of Chemistry (H. G. Floss and T. M. Zydowsky), 1 October 1982 through 31 May 1983. (Project 763317 - New)
December 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$9,760.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation (D. C. Cavin), 1 October 1982 through 31 May 1983. (Project 762209 - Continuation)

$8,400.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., An Award for Fellowships for 1982-83 Under the Graduate and Professional Opportunities Program, Title IX (Part B) of the Higher Education Act of 1965, as Amended, Graduate School - Administration and College of Education - Administration (A. S. Pruitt), 1 October 1982 through 31 August 1983. (Project 763113 - Continuation)

$7,930.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Inservice Training for School Administrators, Academic Faculty for Exceptional Children (J. O. Cooper), 1 October 1982 through 31 May 1983. (Project 762139 - Continuation)

$6,100.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Preservice and Inservice Training of Teachers of the Hearing Impaired in Microcomputer and Computer Graphics Techniques as an Instructional Tool in Grades K-12, Academic Faculty for Exceptional Children (S. Rose), and Department of Engineering Graphics (M. B. Waldron), 1 October 1982 through 31 May 1983. (Project 763154 - Continuation)

$3,000.00 - National Endowment for the Arts, Washington, D. C., Artists in Residence Program, Department of Art Education (K. A. Marantz and R. C. Tauber), 1 October 1982 through 30 June 1983. (Project 763324 - New)

$2,135.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Ohio State University Pre-Service/Inservice Training Project for Special Education Personnel: Optacon Inservice Workshop, Academic Faculty for Exceptional Children (M. E. Ward), 1 October 1982 through 31 May 1983. (Project 762171 - Continuation)

$2,000.00 - National Endowment for the Arts, Washington, D. C., Visiting Artists in Columbus - 82/83, Department of Photography and Cinema (J. R. Green), 1 July 1982 through 30 June 1983. (Project 763313 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $4,237,724.00
December 9, 1982 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

$40,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Promotional Effects of Combinations of Caffeine and Dietary Factors on Breast Cancer Development, Department of Surgery (J. P. Minton), 25 June 1982 through 30 June 1983. (Project 763323 - New)

$34,397.00 - State of Ohio, Department of Mental Health, Office of Program Evaluation and Research, Columbus, Ohio, Right to Refuse Treatment: A Policy Analysis, Department of Sociology (D. Longmire), 1 November 1982 through 30 June 1983. (Project 763327 - New)

$28,167.00 - 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 - New)

$9,800.00 - State of Ohio, Department of Education, Division of Vocational Education, Career Development Service, Columbus, Ohio, Coordination of Statewide Career Education Activities, Academic Faculty of Special Education (J. J. Quaranta), 1 October 1982 through 31 March 1983. (Project 763053 - Continuation)

$9,778.00 - State of Ohio, The Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty for Exceptional Children (D. S. Hill), 1 July 1982 through 31 August 1982. (Project 763182 - Continuation)

$9,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Comparing Regulatory Decisions Under the 1122 and the CON Project Review Procedures, College of Medicine - Administration (P. C. Nutt), 1 October 1982 through 30 September 1983. (Project 762901 - Continuation)

$3,406.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Support for Performing Arts Events at Mershon Auditorium, Mershon Auditorium (T. Van Leer), 14 October 1982 through 4 May 1983. (Project 763329 - New)

$500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Support for Performing Arts Events at Mershon Auditorium, Mershon Auditorium (T. Van Leer), 11 April 1983 through 13 April 1983. (Project 763330 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $135,048.00
Industrial, Private, and Other Non-Federal Research Contracts/Grants


$277,759.00 - 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 July 1982 through 30 June 1983. (Project 763289 - New)

$92,569.00 - University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 September 1982 through 31 August 1983. (Project 761294 - Continuation)

$80,000.00 - Forsvarets Materielverk, Stockholm, Sweden, Computation of the Performance of an Element Antenna Array Mounted on an Aircraft, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 7 October 1982 through 6 June 1983. (Project 763316 - New)

$45,466.00 - Teledyne Wah Chang Albany, Albany, Oregon, Nodular Corrosion of Zircalloys in High Temperature Steam, Department of Metallurgical Engineering (D. D. Macdonald), 1 October 1982 through 30 September 1983. (Project 763326 - Continuation)

$39,516.00 - Rockwell International, Orange, California, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 8 October 1982 through 7 March 1983. (Project 763336 - New)

$30,726.40 - Burroughs Wellcome Co., Research Triangle Park, North Carolina, Acute Dose Tolerance of BW 325U vs. Placebo in Normal Male Volunteers, Department of Pharmacology (J. R. Bianchine), 1 March 1982 through indefinite. (Project 763104 - Continuation)


Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Date Range</th>
<th>Project Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>$25,891.00</td>
<td>March of Dimes Birth Defects Foundation, White Plains, New York, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams)</td>
<td>1 January 1983 through 30 June 1983</td>
<td>763334 - New</td>
</tr>
<tr>
<td>$23,745.00</td>
<td>Southeastern Ohio Technical Education Consortium, Hocking Technical College, Nelsonville, Ohio, Cooperative Agreement Between the Southeastern Ohio Technical Education Consortium and The Ohio State University Research Foundation, Cooperative Extension Service - State Operations (C. J. Cunningham) and Cooperative Extension Service - Field Operations (L. G. Sanford and D. P. Miller)</td>
<td>1 September 1982 through 30 June 1983</td>
<td>763318 - New</td>
</tr>
<tr>
<td>$23,152.39</td>
<td>Ives Laboratories, Inc., New York, New York, An Open-Design Dose Proportionality Study of Surmontil® in Healthy Adult Volunteers, Department of Pharmacology (J. R. Bianchine)</td>
<td>1 March 1982 through indefinite</td>
<td>763104 - Continuation</td>
</tr>
<tr>
<td>$18,951.00</td>
<td>National Cash Register, Dayton, Ohio, Development of a Criterion Referenced Training Course for NCR Field Engineers: Model 6325 Tape Drive Unit (Phase III), Academic Faculty of Vocational-Technical Education (J. E. Sage) and College of Education - Administration (J. J. Buffer)</td>
<td>1 September 1982 through 1 July 1983</td>
<td>763339 - Continuation</td>
</tr>
<tr>
<td>$18,907.35</td>
<td>Adria, Inc., Columbus, Ohio, Comparison of the Bioavailability of Indoprofen 100 MG Capsules Produced by Two Different Manufacturing Processes, Department of Pharmacology (J. R. Bianchine)</td>
<td>1 March 1982 through indefinite</td>
<td>763104 - Continuation</td>
</tr>
<tr>
<td>$16,674.88</td>
<td>E. I. duPont de Nemours &amp; Company, Wilmington, Delaware, Bioavailability/Pharmacokinetic Study of Oral Nalbuphine, Aspirin, and Nalbuphine/Aspirin Tablets (A-50), Department of Pharmacology (J. R. Bianchine)</td>
<td>1 March 1982 through indefinite</td>
<td>763104 - Continuation</td>
</tr>
<tr>
<td>$16,000.00</td>
<td>Seven Members of the National Alliance, National Alliance of Post-secondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor)</td>
<td>1 July 1982 through 30 June 1983</td>
<td>763137 - Continuation</td>
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<tr>
<td>$15,190.00</td>
<td>American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Furazolidone-Cardiomyopathy in Turkeys, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin)</td>
<td>1 October 1982 through 30 September 1983</td>
<td>763322 - New</td>
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Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$13,932.00 - Council on International Educational Exchange, New York, New York, Japanese English Teachers Workshop, Department of English (B. S. Sutton), 1 April 1982 through 30 June 1983. (Project 763092 - Continuation)

$13,900.00 - Utah State Office of Education, Salt Lake City, Utah, An Examination of the Management and Organizational Structure of the Utah State Board of Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 23 August 1982 through 31 October 1983. (Project 763332 - New)

$12,000.00 - The Arthritis Foundation, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1982 through 31 March 1983. (Project 760620 - Continuation)

$10,710.00 - DNA Clinical Research Corporation, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (R. E. Stephens and P. D. Lipetz), 10 October 1982 through 31 December 1982. (Project 762992 - Continuation)

$10,420.00 - The Upjohn Company, Kalamazoo, Michigan, Solu-Medrol in Presumptive and Definite Septic Shock Protocol, Department of Medicine (J. F. Plouffe), 1 August 1982 through 31 July 1983. (Project 763181 - Continuation)

$10,275.65 - Pfizer, Inc., Groton, Connecticut, Double-Blind Study of Sustained Release Trimazosin and Placebo in Hypertension, Department of Pharmacology (J. R. Bianchine), 1 March 1982 through indefinite. (Project 763104 - Continuation)

$10,000.00 - Morris Animal Foundation, Englewood, Colorado, The Epidemiology and Control of Strongylus Vulgatis 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 1980 through 31 July 1983. (Project 762323 - Continuation)

$10,000.00 - Ohio Delta Kappa, Bloomington, Indiana, Phi Delta Kappa Commission for Developing Public Confidence in Schools, Academic Faculty of Educational Foundations and Research (W. W. Wayson), 1 October 1982 through 30 April 1984. (Project 763320 - New)

$9,890.00 - University of Minnesota, St. Paul, Minnesota, Self-Image in Adolescence: Coping with Change, Department of Psychology (D. A. Blyth), 1 July 1982 through 30 April 1983. (Project 763312 - New)
Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$9,441.74 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, A Study to Determine the Safety and Efficacy of Multiple Oral Doses of Rythmatine (Meobentine Sulfate) in Patients with Stable Ventricular Arrhythmias, Department of Medicine (S. F. Schaal), 1 September 1982 through 30 June 1983. (Project 763335 - New)

$7,700.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, "Do Steroid Hormones or Tumor Promoters Cause Secretion of Tumor Growth Factors?", College of Pharmacy (L. J. Wallace), 1 October 1982 through 30 September 1983. (Project 763328 - New)


TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $1,592,630.41

ENGINEERING EXPERIMENT STATION

Industry and Other Sponsored Research and Development

$18,866.00 - Twenty-five industrial firms for 26 development projects under the direction of one engineering department and one research area.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contract/Grant

$14,700.00 - Michigan State University, East Lansing, Michigan, support of IR-4 Satellite Laboratory, Department of Entomology, July 1, 1982 to January 31, 1983. (Subcontract No. 80-CRSR-2-0506)

Gift of $5,000.00 or More

$10,000.00 Eli Lilly and Company, Indianapolis, Indiana
December 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$100,000.00 Ola Moore, Marion, Ohio, for John Moore Memorial Loan Fund.

$70,000.00 General Motors Foundation, Detroit, Michigan: $13,000.00 for Mechanical Engineering Campaign; $11,000.00 for Electrical Engineering Campaign; $8,000.00 for Industrial Systems Engineering Campaign; $7,000.00 for Chemical Engineering Campaign; $6,000.00 for Engineering College Special Fund; $6,000.00 for Mechanical Engineering Coal Combustion Fund; $6,000.00 for Welding Engineering Campaign; $5,000.00 for Engineering Graphics Engineering Campaign; $5,000.00 for Metallurgical Engineering Campaign; $2,000.00 for Women Engineers--Engineering Administration; and $1,000.00 for Affirmative Action Program in Engineering.

$54,900.00 Dorsey Labs, Lincoln, Nebraska: $38,900.00 for Merck Research Fund and $16,000.00 for Natural Products Chemistry and Pharmacognosy Fund.

$37,789.82 Pfizer, Inc., Groton, Connecticut, for Infectious Disease Research Fund.

$30,000.00 Camille Botte, Columbus, Ohio, for OSU National Merit Scholarship Fund.

$25,000.00 The Jackson Building L & S, Jackson, Ohio, for Ohio Lions Club Blindness Research Fund.

$25,000.00 Ohio Lions Eye Foundation, Columbus, Ohio: $4,110.00 for Ohio Lions (Dr. Schmidt); $3,845.00 for Ohio Lions (Dr. Good); $3,510.00 for Lions Research (Dr. Jones); $3,510.00 for Ohio Lions (Dr. Hill); $3,305.00 for Ohio Lions (Dr. Kingsmith); $2,780.00 for Ohio Lions (Dr. Daum); $2,290.00 for Lions-1977 (Dr. Schoessler); and $1,650.00 for Ohio Lions Research (Dr. Fry).

$21,973.00 Laborer’s District Council, Columbus, Ohio, for Peter Fosco/Laborer’s District Council of Ohio.

$20,111.00 Sterling-Winthrop Research Fund, Rensselaer, New York, for Cardiovascular Pharmacology Fund.

$18,556.50 Helen Crane, Columbus, Ohio, for OSU Ophthalmology Center Fund.
December 9, 1982 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)

$ 15,000.00 American Electric Power Company, Columbus, Ohio, for Lamme Power System Laboratory.

$ 15,000.00 University Otolaryngologists, Inc., Columbus, Ohio, for Otology Development Fund.

$ 14,633.77 University Eye Surgeons, Inc., Columbus, Ohio: $14,543.77 for Eye Bank Fund and $90.00 for Ophthalmology Photography Fund.

$ 13,700.00 F. C. Gloeckner Fund, New York, New York: $8,500.00 for Ohio Florist Association Special Fund and $5,200.00 for Horticulture Support Fund.

$ 13,500.00 American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation for Pharmaceutical Education Fellowship Fund.

$ 12,200.00 National Steel Corporation, Pittsburgh, Pennsylvania, for National Steel Fellowship in Metallurgical Engineering.

$ 10,000.00 Governor J. A. Rhodes Golf Classic, Dublin, Ohio, for Billy Amicon Memorial Fund.

$ 9,300.00 Gynecic Research/Education, Columbus, Ohio, for Department of Pathology Educational and Research Discretionary Fund.

$ 8,333.00 H. J. Heinz Company Foundation, Pittsburgh, Pennsylvania, for Professorship in Plant Protection.

$ 8,212.00 Eastman Kodak Company, Rochester, New York, for Kodak Fellows Program.

$ 6,750.00 Farmland Industries, Inc., Kansas City, Missouri, for Special NC-151 Fund.

$ 6,000.00 Schottenstein Company, Columbus, Ohio, for Graduate School Minority Recruiting Program Fund.

$ 5,500.00 Milk Marketing, Columbus, Ohio, for Endowed Program Fund in Cooperative Business Management.
December 9, 1982 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)

$ 5,185.72 George Johnson, Rochester, New York, for OSU National Merit Scholarship Fund.

$ 5,100.00 Exxon Education Foundation, New York, New York: $3,000.00 for Law Discretionary Fund; $1,500.00 for Humanities Support Fund; $375.00 undesignated; $150.00 for Friends of WOSU; and $75.00 for Math and Physical Science Support Fund.

$ 5,000.00 Duriron Company, Inc., Dayton, Ohio, for Duriron Company Metallurgical Engineering Scholarship Fund.

Gift-in-Kind

$ 12,153.00 Frank Bowling, Circleville, Ohio: Tractor equipped with spray equipment.

Establishment of Named Funds

The John J. Gerlach Professorship Fund

The John J. Gerlach Professorship Fund was established December 9, 1982, 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 John J. Gerlach, B.S.Bus. Adm. '23, M.A. '23.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 support for the work of a distinguished teacher and scholar of accounting in the College of Administrative Science. Appointment to the Gerlach Professorship will be recommended by the Dean of the College of Administrative Science to the Vice President for Academic Affairs and Provost of the University and approved by the Board of Trustees.

Should the need for this fund cease to exist or so diminish as to provide insufficient funds to continue the endowed professorship, then the income is to 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 curricula in the College of Administrative Science.
December 9, 1982 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 Wayne G. English Scholarship Fund

The Wayne G. English Scholarship Fund was established December 9, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Wayne G. English, B.S.Bus.Adm. '43, of Washington, D.C.

All gifts are to be invested 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 students in the College of Administrative Science who have demonstrated academic merit and need for financial assistance. Other factors being equal, preference in award of scholarships should be given to students in accounting or finance.

The selection of the recipient is to be made upon recommendation of the College of Administrative Science Scholarship Committee, in cooperation with the Dean of the College of Administrative Science.

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 management education.

The Martha G. and Milton Staub Chair for Research in Ophthalmology Fund

The Martha G. and Milton Staub Chair for Research in Ophthalmology Fund was established December 9, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Martha G. and Milton Staub, B.A. '29, 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 is to be used to provide support for the work of a distinguished researcher in ophthalmology. Appointment to the Martha G. and Milton Staub Chair for Research in Ophthalmology will be recommended by the Chairman of the Department of Ophthalmology and approved by the Dean of the College of Medicine, the Provost, and the Board of Trustees.
Ralph L. Bazler Memorial Scholarship

The Ralph L. Bazler Memorial Scholarship was established December 9, 1982, by the Board of Trustees of The Ohio State University with gifts from family and friends to The Ohio State University in memory of Ralph L. Bazler.

All gifts are to be invested in the University’s Permanent Endowment Fund under the rules and regulations 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 a scholarship for a student who best exemplifies academic excellence and potential contribution to the agricultural industry. First preference will be given to a junior and then a sophomore member of Beta Chapter, Alpha Gamma Rho Fraternity, who is enrolled in one of the four-year curricula administered by the College of Agriculture and Home Economics. Selection of the recipient will 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 Agriculture and 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 purpose whatsoever in the College of Agriculture and Home Economics as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics.

Jacob E. Davis Professorship in Law Fund

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of “Named Professorships,” which was subsequently modified March 3, 1972, and renamed “Endowed Professorships” and was modified further on May 5, 1978; and

WHEREAS Jacob E. Davis II wishes to establish an Endowed Professorship in the College of Law to honor his father Jacob E. Davis, a graduate and former Trustee of this University; and

WHEREAS gifts have been received by the University for this purpose and future gifts are anticipated; and

WHEREAS in 1977 Jacob E. Davis II established a life insurance policy with the University named as owner and beneficiary with the purpose of funding the professorship; and

WHEREAS the minimum sum needed to establish an Endowed Professorship in 1977 was $150,000; and
December 9, 1982 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Jacob E. Davis Professorship in Law Fund (contd)

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

WHEREAS at such time as the fund reaches a total of $150,000, the annual income shall be used to provide support for the work of a distinguished scholar and teacher in the College of Law with appointment to the Jacob E. Davis Professorship to be recommended to the Provost by the Dean of the College of Law, for approval by the Board of Trustees; and

WHEREAS there will be a period until this fund reaches the $150,000 level necessary to endow the professorship, the income from the fund will, until that time, be added to the principal of the fund; and

WHEREAS 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the College of Law:

NOW THEREFORE

BE IT RESOLVED, That the "Jacob E. Davis Professorship in Law Fund" be established in accordance with the wishes of the donors.

The Harrison Faculty Award for Excellence in Engineering Education

The Harrison Faculty Award for Excellence in Engineering Education was established December 9, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University from Doris A. and Stanley E. Harrison, B.E.E. ’58.

The award will be made to an individual who is in the early or mid-part of his or her career, who is a faculty member in engineering or architecture of the College of Engineering, and who has distinguished himself or herself through a contribution to the College of Engineering or society, as described below. The award will be based on excellence in teaching and the qualitative aspects of teaching; exceptional fundamental or applied research (either in scope or originality) in one or more areas of endeavor ordinarily carried out in the College of Engineering; or a single or unique contribution to engineering or architectural concepts, which is responsive to or has an impact on society as a whole. As a general rule, the award will be made to an individual (except under unique circumstances in any year that suggest a team should receive the award).
December 9, 1982 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 Harrison Faculty Award for Excellence in Engineering Education (contd)

All income earned through the investment of specific fund monies, including all contributions thereto, will be accumulated and credited to the fund principal until such time as one-half of the accumulated income of the fund will support an award of at least $2,000, plus associated expenses for an appropriate plaque or certificate to accompany the award. Upon such times as one-half of the accumulated income of the fund equals $2,000 or more (plus expenses), but no more often than annually, the award will be made of an amount equal to one-half of such income, with the other one-half accumulated and credited to the fund principal. All gifts of the fund shall be invested in the University’s Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as may be deemed appropriate.

Nominations for the award will be made by faculty members of the College of Engineering, and the final selection of the recipient of the award will be made by a committee consisting of the Dean of the College of Engineering, one or more senior representatives from the faculty of the College of Engineering, a representative from the private sector whose business involves engineering, and one undergraduate member of the College of Engineering student body.

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.

Change of Name and Description of Named Fund

American Playwrights Theatre Scholarship in Playwriting

The American Playwrights Theatre Scholarship in Playwriting was established December 9, 1982, with a gift to The Ohio State University Development Fund from American Playwrights Theatre, 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 is to be used to provide one or more scholarships for students who have demonstrated exceptional talent and ability in dramatic writing. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of the Arts.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

American Playwrights Theatre Scholarship in Playwriting (contd)

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 theatre education and training.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS

REGENTS ENERGY MODIFICATION PROGRAM, PHASE V
Resolution No. 83-66

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids for Phase V of the Regents Energy Modification Program is proposed.

WHEREAS the Regents Energy Modification Program, Phase V, will provide needed energy modifications to Dreese Laboratory, the Health Sciences Library, Hitchcock Hall, the Hospitals Clinic, and the Veterinary Hospital, which modifications include heat recovery from exhaust air, replacement of a gas-fired absorption chiller with a high-efficiency electric-drive chiller, temperature controls, and other improvements to increase the efficiency of energy use; and

WHEREAS the cost of these projects will total $492,450, with $377,560 being provided from the Ohio Board of Regents, $20,500 being provided from Federal funds, and $94,390 being provided from University funds; and

WHEREAS the average payback for all projects is 3.4 years, with an effective payback for the University’s share of .65 years:

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
December 9, 1982 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS (contd)

REGENTS ENERGY MODIFICATION PROGRAM, PHASE V (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 contract, with all actions to be reported to this Board at the appropriate time.

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

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PLANS AND SPECIFICATIONS

Resolution No. 83-67

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:

POULTRY ADMINISTRATION BUILDING
PERCHLORIC ACID FUME HOOD

Project: Remove existing hazardous perchloric fume hood and exhaust and replace with new hood and safe exhaust system.

Funding: Budget Account 210134 (New Program Funds No. 3071)

Estimated Project Cost: $69,000.00

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. 83-68

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:

**ELECTRICAL DISTRIBUTION IMPROVEMENTS, PROJECT A (SUBSTATION B)**

*Electrical Distribution Improvements, Project A (Substation B)*

<table>
<thead>
<tr>
<th>Description</th>
<th>Date Received:</th>
<th>No. of Bids:</th>
<th>Low Bid:</th>
<th>High Bid:</th>
<th>Estimate of Cost:</th>
<th>Awarded to</th>
<th>Total Contract:</th>
<th>Total Contingency Allowance:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install new 5KV switchgear to replace the obsolete equipment which is no longer adequate.</td>
<td>November 3, 1982</td>
<td>11</td>
<td>$346,030.00*</td>
<td>$607,966.00*</td>
<td>$608,200.00*</td>
<td>Jess Howard Electric Co., Blacklick, Ohio</td>
<td>$346,030.00*</td>
<td>$24,255.23 which is 7 per cent of contract</td>
</tr>
<tr>
<td>Research Center - Extend the main campus 15KV electrical distribution system to the Research Center buildings to improve the electrical service and reduce energy costs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Recommended alternates reflected in these figures.
REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LABORATORY ANIMAL CENTER - MODIFICATIONS TO CHILLED WATER SYSTEMS BUILDINGS NOS. 2 AND 3

Description: Replace present gas-fired absorption chillers with more energy efficient systems. Present chillers are high energy users, have high maintenance, and most repair parts are no longer available.

Mechanical Contract

Date Received: October 19, 1982
No. of Bids: 7
Low Bid: $ 62,215.00*
High Bid: $ 70,450.00*
Estimate of Cost: $ 78,200.00*
Awarded to: Radico, Inc., Columbus, Ohio

Electrical Contract

Date Received: October 19, 1982
No. of Bids: 8
Low Bid: $ 9,742.00*
High Bid: $ 13,065.00*
Estimate of Cost: $ 15,800.00*
Awarded to: Frush & Homan, Inc., Columbus, Ohio

Total All Contracts: $ 71,957.00*
Total Contingency Allowance: $ 5,337.36 which is 7 per cent of contract
Total Project Cost: $ 80,000.00*
Funding: Local Budget Account 210134

* Recommended alternates reflected in these figures.
December 9, 1982 meeting, Board of Trustees

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

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 Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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THE OHIO STATE UNIVERSITY HOSPITALS SELF-INSURANCE AND
INDEMNIFICATION PROGRAM

Resolution No. 83-69

Synopsis: Purchase of $50,000,000/$50,000,000 Excess Comprehensive General Liability and Hospital Professional Liability Insurance is recommended.

WHEREAS the Board of Trustees on December 15, 1976 authorized the establishment of a self-insured hospital professional liability program, including an indemnification and hold-harmless agreement for those hospital personnel formerly insured by the Ohio Medical Professional Liability Underwriting Association's policies; and

WHEREAS the current limits of the self-insured program are $4,000,000 per occurrence and $6,000,000 annual aggregate, and the Self-Insurance and Indemnification Committee has annually reviewed these limits and considered the feasibility of purchasing excess liability insurance; and

WHEREAS in March, 1982, the committee's actuary, The Wyatt Company, again suggested the possibility of increasing the liability limits of the program by purchasing commercial excess liability insurance; and

WHEREAS proposals for such coverage were solicited and were received from eight prospective carriers, the lowest and best of these being presented to the University Hospitals Board and its Finance Committee; and

WHEREAS on October 26, 1982 the University Hospitals Board supported the purchase of $50,000,000 per occurrence and $50,000,000 annual aggregate excess commercial comprehensive general and professional liability insurance; and

WHEREAS the members of The Ohio State University Hospitals Self-Insurance and Indemnification Committee unanimously recommended the purchase of $50,000,000/$50,000,000 excess liability insurance at an annual premium of $111,250, with the premium to be paid from the self-insurance fund:
December 9, 1982 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY HOSPITALS SELF-INSURANCE AND
INDEMNIFICATION PROGRAM (contd)

NOW THEREFORE

BE IT RESOLVED, That $50,000,000/$50,000,000 of excess liability insurance be pur-
chased effective December 9, 1982 and that the $111,250 premium be funded from the self-
insurance fund held by BancOhio National Bank as trustee; and

BE IT FURTHER RESOLVED, That said coverage shall continue in effect until changed by
further action of this Board.

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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AFFIRMATIVE ACTION - PRESIDENT EDWARD H. JENNINGS

President Jennings made the following statement:

Part of the essential mission of a university is to ensure that all the talent available
to society is developed to its full potential. In my experience, I have found that it
is not at all unusual to find the most talented and qualified students, faculty, staff, and administrators among the ranks of women, minorities, and other groups
that have been excluded from full participation in society in the past. It is my
goal, and it is the commitment of The Ohio State University, to promote the
principles of equal opportunity and affirmative action as an integral component
of every aspect of this institution.

Unfortunately, equal opportunity and affirmative action are too often viewed as
merely obligations of law and regulation. There is more than the force of law
behind Ohio State’s commitment. This is a question of right and wrong, and our
commitment is based on the ethical and moral obligation of a university in society
to take a leadership role in advancing these principles.

Specifically, it is our policy at Ohio State, both traditionally and currently, that
discrimination against any individual for reasons of race, color, creed, religion,
national origin, sex, age, handicap, or Vietnam-era veteran status is prohibited. We
will continue to actively promote equal opportunity in admissions, educational
programs, employment, and all University activities through a positive and force-
ful affirmative action program.

Although laws and regulations (such as Title IX of the Education Amendments of
1972 prohibiting sex discrimination, Section 504 of the Rehabilitation Act of
1973 prohibiting discrimination on the basis of handicap, Title VI and Title VII
of the Civil Rights Act of 1964, and Executive Order 11246, as amended), exist
to allow enforcement of such principles, I want to re-emphasize that every indi-
vidual and especially every manager at Ohio State is obliged to act not only in
AFFIRMATIVE ACTION (contd)

President Jennings' statement (contd):

accordance with federal law, but also in accordance with the positive spirit of this University's stated goals. Thus, employment decisions, including recruitment, hiring, transfers, layoffs, promotions, and evaluations of managers' and supervisors' success, must be designed to promote the principles of equal opportunity.

We must openly recognize that past practices may not have provided full opportunities for all individuals to compete equally. Traditional criteria on which judgments have been made have often failed to measure adequately the potential of persons who have not been the beneficiaries of all society's privileges and opportunities.

While our commitment flows from the top and the Office of Affirmative Action is designated as an arm of the Office of the President, the daily responsibility for carrying out this obligation rests with every faculty member and administrator, every supervisor and manager, and every employee of Ohio State. Affirmative action in employment is sound management. It makes full use of all our resources. In a university, more than any other of society's institutions, diversity must be valued, appreciated, and encouraged to flourish.

Affirmative action in our educational programs is equally important, especially in regard to the role higher education plays in providing individuals with the opportunities to compete on an equal footing in the future, and in developing all of society's human resources to the fullest extent possible.

It is my belief, as was pointed out in the report of the Commission on Women and Minorities, that awareness and articulation of this commitment is one positive step that we can take as an institution toward achieving our goals. More than voicing our concern, however, we must take action to achieve our goals.

I place the full power of the presidency of this institution behind our continuing commitment to affirmative action. The Ohio State University will move forward under these principles because it is our inherent obligation to do all we can to seek the real goal of equal opportunity for all people.

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HOLIDAY BOWL TRIP - PRESIDENT EDWARD H. JENNINGS

President Jennings made the following statement:

I would like to also make a comment, Mr. Chairman. As you know, Ohio State has been offered the privilege of our football team being invited to San Diego to take part in the Holiday Bowl, and I think it is very important to recognize that representation of the University is expected and, of course, appropriate whenever
President Jennings’ statement (contd):

and wherever the football team plays a game. In that regard the Holiday Bowl trip is a business trip like any other, and operates consistent with our standard policies on business travel. Of course a primary advantage of the trip is maintaining and enhancing contacts with our alumni. We have more than 8,000 alumni in the southern California area, and I would estimate the Holiday Bowl will be the largest alumni meeting of the entire year, perhaps of the entire decade.

The funds to pay for the official representatives come both from the Bowl receipts and from unrestricted gifts to the University. This is in many ways a fund-raising activity for Ohio State’s representatives, both in developing goodwill and in generating immediate donations and long-term potential to benefit the continued academic excellence of The Ohio State University.

I might add that we are also very proud to have a football team that generates such desirable invitations and makes these opportunities possible for The Ohio State University and for the State of Ohio.

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REPORT - UNIVERSITY’S INVESTMENT PORTFOLIO

Resolution No. 83-70

RESOLVED, That the report on the University’s Investment Portfolio, dated November 19, 1982, 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 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  Warren J Smith
Secretary  Chairman
Columbus, Ohio, February 4, 1983

The Board of Trustees met at its regular monthly meeting on Friday, February 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
February 4, 1983 meeting, Board of Trustees

The Chairman, Mr. Smith, 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.


The meeting of the Board of Trustees reconvened at 1:30 p.m.

Mr. Smith presented the following resolution:

**EXPRESSION OF APPRECIATION TO WILLIAM J. NAPIER, SPECIAL ASSISTANT TO THE PRESIDENT FOR STATE RELATIONS**

Resolution No. 83-71

WHEREAS Dr. William J. Napier has served the University in several major positions during the past five and a half years; and

WHEREAS in these positions, Bill Napier has served under two presidents of the University and one vice president; and

WHEREAS a key responsibility performed by Bill for the past several years has been to represent the interests, concerns and needs of The Ohio State University in the Ohio Legislature and executive offices of the state; and

WHEREAS in so doing, he has demonstrated a special understanding of, affection for, and long-term commitment to this University as well as higher education in general; and

WHEREAS Dr. Napier has been invited to join the administration of incoming governor Richard Celeste as Assistant Director of the Department of Natural Resources; and

WHEREAS he has requested a leave of absence from his University responsibilities in order to take advantage of that special opportunity; and

WHEREAS The Ohio State University and its faculty, staff, students and public constituencies are deeply indebted to Bill Napier and only reluctantly accept his request for leave:

NOW THEREFORE

BE IT RESOLVED, That William J. Napier be recognized, thanked and praised for his able and faithful service to The Ohio State University; and

BE IT FURTHER RESOLVED, That this Board and President Jennings wish Bill every success in this undertaking, knowing that his achievements will be numerous; and we sincerely hope that he will choose to return to Ohio State upon completion of the leave of absence and any extensions which may be granted.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

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February 4, 1983 meeting, Board of Trustees

Mr. Berry presented the following resolution:

**EXPRESSION OF APPRECIATION TO WILLIAM R. NESTER**

Resolution No. 83-72

WHEREAS Dr. William R. Nester joined The Ohio State University in August, 1978 as Vice President for Student Services and Professor in the Academic Faculty of Special Services; and

WHEREAS the Office of Student Services has benefited since that time from Dr. Nester's capable and exemplary leadership in the discharge of its duties and responsibilities, which include among other diverse elements the Athletic Department, the University Health Service and the Office of Disability Services; and

WHEREAS Dr. Nester has received the distinct honor of being selected to become the eighth President of Kearney State College in Kearney, Nebraska, on or about March 1, 1983:

NOW THEREFORE

BE IT RESOLVED, That the thanks, recognition and deep appreciation of this Board and the University administration be expressed to Dr. Nester for his outstanding contribution to The Ohio State University during the last four and a half years; and

BE IT FURTHER RESOLVED, That this Board offers to Dr. Nester and his family its sincere congratulations and best wishes for every success as he prepares to undertake his new responsibilities in the Kearney State presidency.

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

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Mrs. Bowser presented the following resolution:

**TRIBUTE TO JOHN M. STACKHOUSE**

Resolution No. 83-73

WHEREAS John M. Stackhouse, Director of the Ohio Department of Agriculture, has served with honor and distinction as a member of the Ohio Agricultural Research and Development Center Board of Control for over 15 years, including Co-Chairman of the Agricultural Affairs Committee, The Ohio State University Board of Trustees, since March 1982; and

WHEREAS John M. Stackhouse has devoted many years of dedicated service to Ohio agriculture, the Ohio Agricultural Research and Development Center and The Ohio State University; and

WHEREAS The Ohio State University Board of Trustees wishes to express its deep appreciation to John M. Stackhouse on this occasion following the completion of his service on the Board of Control:
TRIBUTE TO JOHN M. STACKHOUSE (contd)

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University Board of Trustees hereby requests the College of Agriculture and Home Economics to prepare an appropriate plaque denoting appreciation to John M. Stackhouse for his many years of outstanding leadership, service and dedication to The Ohio State University and the Ohio Agricultural Research and Development Center, and that this plaque be displayed in a prominent location at the Ohio Agricultural Research and Development Center.

Upon motion of Mrs. Bowser, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous voice vote.

Mr. Stackhouse:

Thank you very much. I appreciate this more than words can express. Let me say that it was a lot of fun working with the folks at the University and with the folks in Agriculture. Thank you again.

In Appreciation

to

John M. Stackhouse

for outstanding leadership, service and dedication

to

the Ohio Agricultural Research and Development Center

and

The Ohio State University

as a member of

the Board of Control of the Ohio Agricultural Research and Development Center


and as

Director of the Ohio Department of Agriculture


[Signature]

February 4, 1983
February 4, 1983 meeting, Board of Trustees

PRESENTATION - JESSE OWENS PLAZA SCULPTURE

President Jennings:

Thank you, Mr. Chairman. I'd like to now call on Mr. Weldon Ihrig to introduce some folks who will present to you the final touch, the final exciting touch, to the Jesse Owens Plaza that was recently completed at the north end of the Ohio Stadium. Weldon--

Mr. Ihrig:

Thank you, Mr. President. Before we proceed with the opportunity this afternoon to unveil what we think is a very special piece of art work and a special memorial to Jesse Owens to be added to this campus, I would like to express my special appreciation to many, to two key people who really helped us on this project outside the University itself. First of all, Mrs. Jesse Owens, who has been extremely helpful on this project and has been so gracious to welcome us into her home in Phoenix, and provide direct assistance, and it's been a special pleasure for me to have the opportunity to meet her and get to know her as a result of this project. Secondly, the several people, beyond the immediate University family that have assisted us, such as Chuck McMurray, who is an alumni of Ohio State and has really helped us very much in having this project work. And one final word before I turn this over to Bill Griffith, who is Assistant Vice President for Facilities Planning on campus and he and Robert Stull, who is Associate Dean of the College of the Arts, who has done fantastic work on this whole effort. But, this type of project goes beyond just the work at Ohio State, and it has reminded me, even though all the years that I've been here, of the total diversity and the quality of this institution, especially in the people that make it all happen, and it's this type of project that makes everything a real joy. And, as you can tell, I think, from my remarks, the enthusiasm may be contagious, so beware on this. I would like to introduce Bill Griffith and Robert Stull at this time to proceed.

Dr. Griffith:

Thank you, Mr. Ihrig. Mr. Chairman, members of the Board, and Mr. President, I'd like first to introduce to you and acknowledge two other members of our faculty who have been very much involved in the project and indeed without whose help it really would not have progressed as it has. These two gentlemen, along with Professor Stull formed the committee that worked on the project and actually formed the selection committee which chose the sculpture, which is to be revealed in a few moments here. I'd like to introduce them, they are Professor David Black and Professor Eugene Friley, along with Professor Stull. All three of these gentlemen are Professors in the Department of Art, all three are sculptors, themselves. We also have with us today the sculptor of the piece that we are presenting and he will be introduced a bit later. I must say on a personal note that I am deeply indebted to these three gentlemen; they have been my counselors and hand holders throughout this process.
Dr. Griffith (contd):

The committee went through what we believe to be a very careful process in making the selection. We considered at the outset more than thirty sculptors of national and even international repute, and went through a very careful screening process and as a result of that chose three sculptors whom we invited to enter a design competition—a paid competition, they were paid a nominal amount to cover expenses and travel and that sort of thing. Each of those three gentlemen visited the campus; talked with the selection committee at length; visited the site, of course, where the sculpture is to be located; talked with other people on the campus. They also had the opportunity when they were here to go to the University Archives and review the extensive collection on Mr. Owens and were given copies of any materials that they wished from that collection. We provided each of them, of course, extensive information about Mr. Owens and his accomplishments and also provided each of them with a statement of written requirements and specifications for the sculpture project. Each of them then submitted, for consideration by the committee, a model of a sculpture proposal. The committee spent a good many hours deliberating on those over three different sessions. The result was a unanimous selection by the committee of the sculpture submitted by Mr. Curtis R. Patterson of Atlanta. And, as I said, Mr. Patterson is here and will be introduced shortly.

I have to add one other thing in my introductory remarks. The highlight of this whole process to me, and I think to the others who were involved, occurred last week when Weldon Ihrig and Professor Stull and I, along with the sculptor, Mr. Patterson, journeyed to Phoenix to present the model of the sculpture to Mrs. Owens. We were very warmly and graciously received by her and very happy that she was very, very enthusiastic about that sculpture. She said many things about it, but I think the one word that stuck in my memory, she described it as "magnificent," and that was a very happy occasion for all of us.

I would like now to ask Professor Stull to do the presentation of the sculpture to you, and he will then also introduce the sculptor, Mr. Patterson.

Professor Stull:

Chairman Smith, Board of Trustees, Dr. Jennings, this is a real pleasure. This has been a time of 18 months or so, this has been the most exciting project that I have worked on in my professional career. I hope that my words don’t leave me at this point. This is a schematic of a plaza as it exists with the Woody Hayes Memorial Drive on this side, the stadium rotunda here, the confluence of an east/west pedestrian way at the center of the plaza, and this is the location of the sculpture. The height of this room is approximately nine feet; the height of the sculpture itself is twelve feet. The sculpture will be constructed of bronze plate, reinforced internally with steel. It will have approximately the same appearance that it has as you see it now. The interior surfaces of the sculpture will have quotations and
February 4, 1983 meeting, Board of Trustees

PRESENTATION - JESSE OWENS PLAZA SCULPTURE (contd)

Professor Stull (contd):

records set by Mr. Owens in the course of his life, not only as an athlete, but as a world class humanitarian, which will be selected by Mrs. Owens. Additional quotations will be suggested by the University and by friends of Mr. Owens which will then be approved by Mrs. Owens before being placed on the surface.

I would like to talk about the symbolism of the sculpture. This is Woody Hayes Drive here. This element which will be at the same scale as the sculpture itself, will be placed near the street at the entry of the plaza and will bear simply the inscription “Jesse Owens Memorial Plaza.” This symbol represents a stylized hurdle. Now I’ll move this section out so that you can take a look at it. This symbol represents the struggle that the man reached or went through to attain the heights that he attained both as an athlete and as a humanitarian in his later years.

The symbolism of the four elements of the sculpture represent primarily two single events in his life: the winning of four gold medals represented by these four points; also the fact that in one afternoon at a sister university up north he set four world records, in one afternoon. Having the bronze depicted as bronze rather than permitting it to oxidize, keeps its gold color and also then keeps it in conformity with the notion of the gold medals and the preciousness of his contribution to our society. The circular diameter of the actual piece, not the table it is sitting on, is approximately thirty-five feet, which leaves more than adequate space for people to move through during high traffic areas. The distance between each of these elements is five feet, so this is a very personal experience when people move in. We were very much concerned that the piece be something that would relate to the contexts in which it was placed, that it be an adequate memorial to Mr. Owens, and that it be an outstanding work of art in its own right. The inscriptions as they are placed by the sculptor—the placement will be determined by the sculptor, and some of the quotations that relate directly to youth will be low, at a height at which they can easily read them, and then moving higher.

I would like to now introduce the sculptor, Mr. Curtis Patterson of Atlanta, Georgia. Curtis, come on up. There are photographs here which were done which shows exactly what the sculpture will look like when it’s in place and I will leave these at the head of the table. Thank you very much.

Mr. Patterson:

Thank you for inviting me to participate in this activity. At this point I am really very happy that I am a visual artist, because I am all but lost for words to express my gratitude for being able to participate and finally to receive the commission to do the memorial for Jesse Owens. There is no point, I think, in being redundant in saying how significant Mr. Owens’ contributions, and then I am sure all of you are aware of that. I just want to say that this whole experience has just been a really wonderful and very fulfilling involvement for me, and I am very eager to purchase materials and begin working and hopefully sometime in the early fall deliver a piece of sculpture to Ohio State. Thank you very much.
February 4, 1983 meeting, Board of Trustees

PRESENTATION - JESSE OWENS PLAZA SCULPTURE (contd)

President Jennings:

It is exciting; it's kind of hard to go on with the rest. That, I think, will make a wonderful tribute to Mr. Owens, but also a magnificent addition to the campus. I think all involved need to be complimented greatly, particularly to the faculty, Mr. Patterson, Weldon, Bob, Bill, we thank you all very, very much. I am sure that that will be a proud and major addition to this campus that we will all be able to be very proud of for many, many years in the future. They assure us, incidentally, that the maintenance will not be too expensive on this and that it can get done.

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY
Resolution No. 83-74

Synopsis: Amendments to rules 3335-5-59 and 3335-5-591 are presented for adoption.

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 January 15, 1983, 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; and

(4) Additional ex officio, non-voting members and consultants from the university, at the discretion of the committee.
February 4, 1983 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-591 Legislative affairs committee.

(B) The legislative affairs committee shall:

(1) Inform itself on legislative affairs, current or contemplated, that affect higher education in general and the Ohio state university in particular, and to make this information available to the university senate;

(2) Inform itself, through the senate and otherwise, on student and faculty concerns with respect to such legislative affairs, and to present those concerns to appropriate university officials;

(3) Serve as an advisory committee on legislative affairs to the president and staff assistants responsible for legislative relations.

NOW THEREFORE

BE IT RESOLVED, That the 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 foregoing resolution was adopted by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 83-75

Synopsis: Approval is requested for awarding honorary degrees to three 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:

Benjamin S. Bloom Doctor of Humane Letters
Ralph Landau Doctor of Science
Frank Press 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. Galbreath, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous voice vote.

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February 4, 1983 meeting, Board of Trustees

BYLAWS OF THE MEDICAL STAFF
THE OHIO STATE UNIVERSITY HOSPITALS

Resolution No. 83-76

Synopsis: Adoption of Bylaws of the Medical Staff of The Ohio State University Hospitals is proposed.

WHEREAS this Board established The Ohio State University Hospitals on September 13, 1963; and

WHEREAS a University Hospitals Board was created on November 30, 1979 by this Board by amendment of Rule 3335-1-03 of the Administrative Code; and

WHEREAS in Chapters 3335-93-01 to 3335-93-03 of the Administrative Code the Hospitals Board has stipulated that the medical staff of The Ohio State University Hospitals be delegated the responsibility of preparing and recommending adoption of bylaws pertaining to the practice of medicine within the University Hospitals; and

WHEREAS bylaws have been developed in accordance with the requirements of the Administrative Code and these bylaws have been adopted appropriately by the Medical Staff Administrative Committee and by the University Hospitals Board on August 24, 1982 and are hereby recommended for final approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the Bylaws of the Medical Staff of The Ohio State University Hospitals be adopted effective this date as the administrative rules governing the practice of medicine at The Ohio State University Hospitals; and

BE IT FURTHER RESOLVED, That the bylaws hereby adopted shall replace any previous bylaws, rules and regulations of The Ohio State University Hospitals and that they be forwarded to the appropriate state agencies for inclusion as a part of the Administrative Code.

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

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PERSONNEL ACTIONS

Resolution No. 83-77

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointment of Chairmen of Departments and Academic Faculty; Tenure; Leaves of Absence Without Salary; Leave of Absence Without Salary--Change of Date; and Emeritus Titles are recommended for approval.
February 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 9, 1982 meeting of the Board, including the following
Appointments; Appointment of Chairmen of Departments and Academic Faculty; Tenure;
Leaves of Absence Without Salary; Leave of Absence Without Salary--Change of Date; and
Emeritus Titles as detailed in the University Budget, be approved.

Appointments

Name: DIETHER H. HAENICKE
Titles: Vice President for Academic Affairs and Provost and Professor, Department of German
Office: Academic Affairs
Effective: Immediately
Salary: $79,920.00
Present Positions: Acting Vice President for Academic Affairs and Provost, Dean of the College of Humanities, and Professor, Department of German

Name: A. MAX LENNON
Titles: Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources, and Professor, Department of Animal Science
Office: Agricultural Administration
Salary: $79,080.00
Effective: On or before July 1, 1983
Present Position: Dean, College of Agriculture and Director, Agricultural Experiment Station, University of Missouri-Columbia

Appointment of Chairmen of Departments and Academic Faculty

January 1, 1983 through December 31, 1986

Physiological Chemistry
January 1, 1983 through June 30, 1987
Gerald P. Brierley

Veterinary Clinical Sciences
October 1, 1982 through September 30, 1983
William Wallace Muir III

Labor and Human Resources
January 1, 1983 through June 30, 1983
*Robert C. Miljus

Mechanical Engineering
March 1, 1983 through June 30, 1983
*Charles D. Jones

Computer and Information Science
*Stuart H. Zweben

*Acting Chairman
February 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Tenure

Name: HAROLD G. PRYOR
Title: Assistant Professor
College: Dentistry
Effective: February 4, 1983

Leaves of Absence Without Salary

WILLIAM J. NAPIER, Special Assistant to the President (State Relations), Office of the President, effective January 11, 1983 through January 9, 1984, to assume the position of Assistant Director of the Department of Natural Resources of the State of Ohio.

IVAN BOH, Professor, Department of Philosophy, effective January 1, 1983 through March 31, 1983, to conduct research in libraries in Ljubljana and other parts of Yugoslavia on the subject of medieval philosophy.

IRMA M. COOPER, Professor, School of Music, effective January 1, 1983 through March 31, 1983, for personal reasons.

FREDERICK J. HITZHUHSEN, Professor, Department of Agricultural Economics and Rural Sociology, effective January 1, 1983 through June 30, 1983, to work at the University of Hawaii.

TIMOTHY LIGHT, Professor, Department of East Asian Languages and Literatures, effective October 1, 1983 through March 31, 1984, to accept an invitation from Beijing Language Institute and to travel and lecture at different institutions in the People's Republic of China.

ELEANOR M. DANIEL, Assistant Professor, University Libraries, effective January 3, 1983 through February 28, 1983, for medical reasons.

CONLY L. HANSEN, Assistant Professor, Department of Agricultural Engineering, effective January 1, 1983 through March 31, 1983, for personal reasons.

MARIE-CLAIRE VALLOIS, Assistant Professor, Department of Romance Languages and Literatures, effective February 1, 1983 through March 17, 1983, for personal reasons.

STEPHEN A. HILL, Instructor, Department of Surgery, effective November 18, 1982 through June 30, 1983, for medical reasons.

CATHERINE RUSK HOWARD, Instructor, Cooperative Extension Service, effective February 3, 1983 through March 2, 1983, for medical reasons.

Leave of Absence Without Salary--Change of Date

JILL C. D. S. YAQUB, Professor, Department of Mathematics, change date of leave granted June 10, 1982 from January 1, 1983 through June 30, 1983 to April 1, 1983 through September 30, 1983.
February 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

EDWARD F. DONOVAN, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective February 1, 1983.

SAMUEL G. HUBER, Department of Agricultural Engineering, with the title Professor Emeritus, effective February 1, 1983.

E. IVOR JONES, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1983.

THOMAS M. LUDWICK, Department of Dairy Science, with the title Professor Emeritus, effective January 8, 1983.

OLIN W. MINTZER, Department of Civil Engineering, with the title Professor Emeritus, effective November 1, 1982.

TED SUIE, Department of Ophthalmology, with the title Professor Emeritus, effective February 1, 1983.

GEORGE F. WADLINGTON, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1982.

FRANCIS R. CALDERWOOD, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1983.

CALVIN M. LEIMBACH, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1983.

GILBERT W. WOODBURN, Cooperative Extension Service, with the title Associate Professor Emeritus, effective January 1, 1983.

PAUL L. GERSTNER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective April 1, 1982.

BARBEE WILLIAM DURHAM, Office of Business and Finance - Stores, with the title Supervisor Emeritus of the Reagent Lab, effective February 4, 1983.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous roll call vote.

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February 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 83-78

Synopsis: Resolutions honoring the service of six of this 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. Berry, seconded by Mr. Immke, the foregoing resolution was adopted by unanimous voice vote.

Edith L. Berry

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 4, 1982, of Edith Berry, Professor Emeritus in the Cooperative Extension Service.

Miss Berry was born May 30, 1894, in Frederic, Iowa. She received her A.B degree from Iowa State Teacher’s College, Cedar Falls, Iowa, in 1926. She was appointed Home Demonstration Agent in Fairfield County on February 1, 1930. On July 1, 1936, she was appointed as a Clothing Specialist and held this position until her retirement on June 30, 1957.

On behalf of the University community, the Board of Trustees expresses to the family of Miss Berry 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 nephew, Bernard Smith, as sincere appreciation of the Board’s realization of the loss that the family, the University and her many friends and associates have sustained.

Fred A. Carlson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 3, 1982, of Fred A. Carlson, Professor Emeritus in the Department of Geography.

Fred Carlson was born in Pittsfield, Massachusetts, October 24, 1892. He received the Bachelor of Science degree from Massachusetts State College (now the University of Massachusetts) in 1918, and the Doctor of Philosophy degree from Cornell University in 1922. From 1918 to 1919, Carlson attended Harvard University. He served as an Instructor in Geography and Geology at Cornell from 1919 to 1921, and as an Assistant Professor of Geology at the University of California at Davis from 1922 to 1923. He was appointed an Assistant Professor of Geography at The Ohio State University in 1923 beginning a life-time of service to the University ending in his retirement in June 1963. He had been promoted to Professor in 1926.

Professor Carlson’s early field work, research, and teaching was in soils geography and agricultural geography. He carried on soil surveys and field work in various states, and
February 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Fred A. Carlson (contd)

then undertook research and field study in Latin America. This latter research led, ultimately, to the publication of the Geography of Latin America (1936, three editions). Earlier, he had published jointly with C. C. Huntington, a text, Environmental Basis of Social Geography.

Fred Carlson taught in and supervised the program in undergraduate physical geography for more than 25 years; in addition, he provided instruction and research in soils, the geography of commerce, and Latin America. He was well known for his kind and gentlemanly manner, and for his precision and neatness. Until this past year, he remained an ardent attendant at O.S.U. home football games.

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.

David S. Craig

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 23, 1982, of David S. Craig, Professor Emeritus in the College of Administrative Science - Administration.

Professor Craig was born on October 19, 1902. He was a graduate of Ohio Wesleyan University and The Ohio State University Law School, where he was elected to the Order of the Coif. Professor Craig was engaged in the general practice of law in Columbus from 1927 until 1942. In 1936 and 1937 he served as a judge on the 2nd District Ohio Court of Appeals. From 1940 through 1942, he was a member of the Columbus Board of Education. He was elected president of the Board in 1942.

During World War II, Professor Craig served as principal attorney in the Office of Price Administration. In this capacity he supervised the legal work of the Rent Division of the Chicago and Cleveland regional offices. In 1943 he was appointed to the post of Special Assistant to the Attorney General of the United States.

Professor Craig joined the faculty of The Ohio State University in 1947. He became a full professor in the Department of Business Administration in 1953. In 1959, he co-authored Basic Business Law, which became a standard text for a generation of business students. Professor Craig retired from The Ohio State University in 1966.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Craig 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.
RESOLUTIONS IN MEMORIAM (contd)

Andreas Dorpalen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 18, 1982, of Andreas Dorpalen, Professor Emeritus in the Department of History.

Professor Dorpalen, historian of twentieth-century Germany, was born in 1911 in Berlin, Germany; he received a Doctor of Law degree from Bonn University in 1933, but was forced to emigrate in 1936. He came to New York City, where he worked as a freelance writer and served as an editorial assistant with the Columbia Encyclopedia. In 1943, the U. S. Army invited him to teach about Germany in its Specialized Training Program at Kenyon College. He taught European history at Saint Lawrence University, Canton, New York, from 1944 to 1958, becoming a full professor in 1948. In 1953-54 he was a Guggenheim Fellow at the Institute for Advanced Study in Princeton, New Jersey, to which he returned for another term in 1969. From 1958 until he became emeritus in 1978, Mr. Dorpalen taught German and European history at The Ohio State University.

With his 1942 study of Karl Haushofer, whose ideas form the basis for many of Hitler’s geopolitical views, and his 1957 biography of the influential nineteenth-century German historian Heinrich von Treitschke, Mr. Dorpalen concentrated on the intellectual underpinnings of German politics. In Hindenburg and the Weimar Republic (1964) and Europe in the Twentieth Century (1968) he focused directly on the exercise of political power.

Since 1968 a series of articles built his reputation as a leading western authority on East German historical scholarship. A man of formidable courage who was stricken with paralytic polio shortly after arrival in this country, his work was stamped throughout by fiercely rigorous research and professional commitment.

Mr. Dorpalen served as president of the New York State Association of European historians 1951-52, an executive committee member of the Modern European Section of the American Historical Association 1966-68, and chairman of the Conference Group for Central European history in 1972. He received The Ohio Academy of History Distinguished Service Award and was an honorary member of Phi Beta Kappa.

Professor Dorpalen was truly an outstanding scholar who brought great distinction to The Ohio State University. His special role was in encouraging younger colleagues to press ahead to become the very best teachers and scholars. He was deeply devoted to his Department and to this University. His colleagues and his many friends and admirers in the world-community of scholars mourn his passing.

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.

Dan McLachlan, Jr.

The Board of Trustees of The Ohio State University expresses sorrow upon the death on December 3, 1982, of Dan McLachlan, Professor Emeritus in the Department of Geology and Mineralogy.
February 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dan McLachlan, Jr. (contd)

Dan McLachlan was born in Arcola, Saskatchewan, Canada, December 5, 1905. He graduated from Houston High School in 1925. He received the B.S. degree from Kansas State University in 1930; and M.S. and Ph.D. degrees from Pennsylvania State University in 1933 and 1936 respectively. McLachlan’s academic appointments included Professor of Metallurgy (also Physics and Mineralogy) at University of Utah from 1947 to 1953, Professor of Physics at University of Denver from 1962 to 1963 and Professor of Mineralogy at The Ohio State University from 1964 until his retirement in 1976. McLachlan also had a number of positions and consultantships in industry. These included Corning Glass, American Cyanamid Company, Stanford Research Institute, General Electric Company and Battelle Memorial Institute.

McLachlan was the author of seventy-five research publications, mostly dealing with X-ray radiography, crystallography and mineralogy. Two of these publications were books. Eleven patents and two copyrights are registered in his name. He is the editor of a book, History of Crystallography in America, due to appear in the near future.

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 A. Wayt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 24, 1982, of William A. Wayt, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Dr. Wayt was born on February 20, 1921 and reared on a general purpose hill farm near Moundsville, West Virginia. He was very active in 4-H during his youth. Bill earned a Bachelor of Science degree in Agricultural Education at West Virginia University in 1943. From 1943 to 1945 Dr. Wayt served in the U. S. Army with an Infantry Division, receiving combat experience in the European theater during World War II. He earned a Master of Science degree in 1947 and a Doctor of Philosophy degree in 1956, both in Agricultural Economics from The Ohio State University.

Dr. Wayt served as an Instructor from 1948 to 1956, joining the Ohio Agricultural Experiment Station Staff in 1953. He was appointed as an Assistant Professor in Agricultural Economics and Rural Sociology in 1956. He was promoted to Associate Professor in 1961 and to Professor in 1966. He served in this capacity until his retirement in 1978.

Bill was an Institutional Economist in the tradition of John R. Commons. Throughout his career, he devoted significant portions of his time to problems of land tenure, part-time farming, taxation, land use control, and other land issues in both the U. S. and international
RESOLUTIONS IN MEMORIAM (contd)

William A. Wayt (contd)

spheres. Bill was a long-term member of the North Central Land Tenure Research Committee on which he helped develop interest in and conducted several studies on these problems. He is author or co-author of more than 40 articles, monographs and research bulletins.

Throughout his career, Bill had a strong interest in international development. He was advisor and friend to numerous international students. He had a special interest in Africa. In 1961, he organized the Department of Agricultural Economics and Business at Haile Selassie I University in Ethiopia and served as its head until 1963. From 1965 to 1968 he served as a research officer on a CIC/AID study of university contracts abroad for the African region. For three months in 1969, he was an agricultural economics advisor at the University of Udaipur in India. After his retirement from The Ohio State University in 1978, Bill served as a consultant with the Public Administration Service on USAID sponsored projects on two occasions. First, he was assigned to the Indonesia Agricultural Development Bank in Jakarta for the remainder of 1978. Second, he served as Training Advisor with the Kenya Agricultural Finance Corporation in Nairobi from June, 1981 until his death.

During his career, Dr. Wayt was a member of the American Agricultural Economics Association, American Economics Association, International Association of Agricultural Economists, and the International Development Society.

Those who worked closely with Bill respected his warmth and kindness, his personal integrity, his pride in his work, his concern for his fellow man, and his devotion to those students he advised.

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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BUDGET - PRESIDENT JENNINGS

President Jennings made the following statement:

Mr. Chairman, with your permission I would like at this time to deviate from the agenda and attempt to bring you up to date on the very difficult situation we find ourselves in on the financial level. We often talk about the Rites of Spring in universities; I hope we do not get into the Rites of February--this is my second February Board meeting and I am in a position of having to cut budgets for the second straight February. Unfortunately, however, dealing with the problem--while it is difficult, I feel that we must, at this stage.
February 4, 1983 meeting, Board of Trustees

BUDGET - PRESIDENT JENNINGS (contd)

President Jennings (contd):

Given the Governor’s speech I would like to suggest a context that we are dealing now with financially at Ohio State. As you know, last year at approximately this time, we were forced at Ohio State to go through a budget cutting process that in the end amounted to slightly more than $55 million. That was being cut from a budget that on national standards is indeed an enormously tight budget. I remind you that the State of Ohio is forty-seventh in the nation in per capita support for higher education and the structure of our budget reflects that very difficult situation. Furthermore, we are not only low relative to other states but higher education at Ohio State during the last several years has had a declining share of what is by any standards a very tight state budget. In 1979, for example, higher education represented approximately 15 percent of total state budget; today it is approximately 12 percent of the budget of the State of Ohio.

It is also in a context that we are dealing with budget cuts where student demand continues to increase. As all of you know, we-in the context of Ohio State’s enrollment limit, enrollment for next fall, the fall of ’83, was closed January 15 reflecting the enormous demand for our services throughout the State of Ohio. We are also in a situation where for three years now the budget has not been a firm budget. As a matter of fact, when I started at Ohio State we were in an unusual situation of not even having a budget. When I began, a budget was developed in November, revised in January of ’82, revised again in June of ’82, and now we are on our fourth revision in the less than eighteen months that I have been President at Ohio State.

It is also in a context where throughout the nation there is tremendous temptation in higher education to lower quality in higher education, to begin paying lower salaries, to reduce faculty, to reduce staff, to reduce expenditures in higher education. I remind you that higher education is in the unique situation of once we begin to lower quality, that quality will stay down for at least a generation. We are doing everything we can to maintain that quality but the threats to the quality of this institution and many other institutions are extremely severe because of these budget reductions—these unprecedented budget reductions. As I said last year, the budget reductions we were going through here on a percentage basis are worse than that experienced by this University during the period of the Great Depression.

Finally, in this particular situation, we have five months to deal with this budget. We have not the luxury of time; we have a situation where most of our expenditures have already been committed and anything we must do must be done immediately. We do not have the luxury of waiting to see what the final outcome of the legislative proposal is.

We are approaching this budget reduction in a way that I believe will preserve the essence of the academic enterprise. The budget reductions that I will be undertaking will not be across the board. But whatever happens it will be an enormously
difficult situation particularly in the context of not only several months but several years of continued budget reductions on a budget that is already very small by any standards, any standards of this nation.

Let me just summarize the problem for you as I understand it from the state's situation. In the Governor's speech last Tuesday, he outlined that the state was in a deficit situation of approximately $528 million. He attributed roughly $300 million of that of shortfalls in revenue and $200 million of that of increases in expenditures as a result of the demands on the state from the very severe unemployment situation that we have in this state. In that budget message he proposed two solutions. He proposed a tax solution that would accommodate approximately $246 million of that $528 million and a budget reduction solution that would accommodate approximately $282 million of which in an executive order that has now been promulgated has directed the Board of Regents to reduce their 1982-83 budget by $38.7 million. That $38.7 million represents an enormously large figure but I do have to say that given the context of the state I think that we have an obligation as a state institution to do our share. He has asked the taxpayers to do their share; we have an obligation to do our share and despite several years of difficult budget situations we have an obligation to accommodate this as best we possibly can. But I emphasize again that this budget on an annual basis, given the 10 per cent reduction last year, given the 5 per cent reduction that this approximately represents, given the enrollment penalties that we have had at Ohio State on an annual rate basis, even with this relative to where we started with last June this represents in excess of 20 per cent budget reductions that will have gone through by the end of this fiscal year. I further would point out that whatever our solution is today it does rely on additional revenue for the state and if there is not additional revenue forthcoming that this solution that we are going to outline today will be small compared to the type of problem that we will face if that Governor's proposal is not passed by the General Assembly fairly rapidly and fairly quickly.

Now, how does it affect Ohio State? Unfortunately, any numbers that I deal with at this stage must be approximate. I am confident that any numbers I am dealing with are close to how it affects Ohio State and feel that at this stage we must proceed because of the tremendous shortage of time and the magnitude of this situation. But as we get down the line on this we will get more precise numbers but they are our best estimate today as to how this will affect us. As you all know our budgets are in various pieces and the recommendation coming down is not across the board to those various pieces but does appear that it will average approximately 5.2 per cent. Our best estimate of the loss is the following: In these various pieces, of course, the Columbus instructional subsidy is the largest single piece and of the loss, that represents approximately $7.95 million. On the Regional Campuses, while the numbers are small it will be very critical to the Regional Campuses. It represents a loss of $320,000. In the various restricted appropriations--and this includes the Hospital, this includes Cooperative Extension,
President Jennings (contd):

this includes OARDC, it includes the labor education program, the losses appear to amount to $2.4 million. And then finally, as you know, in December the Board of Regents—improperly, I believe—reduced Ohio State’s budget by $2.3 million as an enrollment penalty for which we were not overenrolled. The total magnitude of those losses—the $8 million from Columbus instructional subsidy, the $320,000 from Regional Campuses, the $2.4 million from the restricted appropriations and the enrollment penalty amount to $12.97 million or approximately $13 million for the remainder of this fiscal year.

So in essence today we must deal with $13 million and how do we accommodate to that. Let me also go back a bit in history. The budget that was approved by the General Assembly last June and in turn approved by this Board—in the General Assembly that budget, when it was approved, there was a 2 per cent automatic budget reduction that was to take place if state revenues were short through the process. That piece of it was not signed into law but nevertheless the General Assembly and the Governor and all parts of state government were pointing to the fact that the budget passed last June may have serious difficulty associated with it. And in the budget we passed last June we did indeed set aside 2 per cent of the budget that was passed last June in order to accommodate a shortfall of this nature. That 2 per cent would represent $4.24 million of the approximately $13 million budget deficit that we are currently facing. That leaves the continuing staggering amount of $8.7 million that we have to cover beyond central reserves.

Now I also want to point out that had we not had to use this 2 per cent, this $4.5 million, we could have used that for some of the major shortages associated with this institution. We can go throughout this campus and we can note that our equipment needs on this campus are staggering. Our equipment is becoming more and more obsolete. Our youngsters are being trained on equipment that is one and two and three generations old, we are losing ground in our library books, we are losing ground on our physical plant. These monies could have been used to make some progress on those activities. Lest we forget, those monies would not have disappeared; they would have been used for good academic reasons. But we can apply those monies to this budget deficit.

Now sometimes in all situations you would rather be lucky than good. As all of you are very much aware, with the exception of today we have had a very, very mild winter. We also had a mild summer. Because of that mild weather we have produced approximately one million dollars of savings in our utility plant, in our power plant, in our fuel and purchase of electricity. So that I can apply that one million dollars to this budget deficit reducing it from 8.73 down to of course 7.73. In terms of the enrollment penalty—$2.3 million—it was a negative penalty, it was an improper penalty. But during the past six weeks our financial officers have made plans to cover that through the tuition income that was generated with those students and a variety of miscellaneous income and savings accounts which are a whole series of small accounts, and is netting out to roughly $900,000. That
February 4, 1983 meeting, Board of Trustees

BUDGET - PRESIDENT JENNINGS (contd)

President Jennings (contd):

still leaves a problem of $5.4 million. Now with that I have today issued instructions to our vice presidents to provide me with a plan to accommodate this remaining $5.4 million through new budget reductions and I emphasize new budget reductions--this is on top of a $55 million budget reduction last January, 10 per cent reduction on the June budget, and a $2.3 million enrollment penalty that should not have been placed on us. All these figures are, of course, subject to adjustments as we get the final figures from the Board of Regents.

In terms of developing this plan, I have asked our vice presidents to develop a plan within the following policy guidelines. Despite these difficulties we are not, and I emphasize not, in financial exigency. Current employment practices remain, with any proposed staff reductions accomplished through attrition. We will not recommend an increase in tuition, fees or charges for the Spring Quarter--I emphasize for the Spring Quarter. There will be no general freeze; it is my belief that the vice presidents can deal with this situation without a general freeze. Proposed budget reductions that they make will apply only for the remainder of this fiscal year. I want to remind everybody again that this is assuming the Governor's proposal on new taxes. If that proposal is modified in any way, modified downward, these budget reductions will have to be increased. And even with new taxes, it is very clear to me that this state is not out of the financial difficulty it is in. Even these new taxes will not make either The Ohio State University or the State of Ohio will not turn around the financial situation completely. It will obviously help, but it will not put us in a position where we will have sufficient resources for an outstanding institution. Finally, that earnings operations of the institution have a responsibility similar to that of the General Fund in their set-aside of that 2 per cent contingency. Now based on those guidelines and on total resources in each unit, including the General Fund and earnings operations but excluding restricted accounts I have established the following planned reductions subject to the approximate nature of the total. As I noted that the total remaining liability is $5.43 million. In developing the plans we will expect the regional campuses to reduce budgets by no less than $200,000. We will expect the restricted appropriation accounts--again, the Hospital, OARDC, Cooperative Extension, Labor Education and a variety of other units--to reduce budgets by no less than $1.73 million. We will expect the seventeen colleges of the institution to reduce budgets by no less than $1.35 million, and I will expect out of the offices of the vice presidents budget reductions of no less than $2.5 million. I will expect those plans to be in place by February 9 which is next Wednesday. For those of you who have been keeping track of that, that adds to 5.73 and not 5.43; I have kept a contingency of $300,000 for adjustments to this so that as difficulties arise we have some very modest means available with us with which to deal.

I am confident that this plan, this can be accomplished, without a disaster at this institution. It will be extremely difficult but I think with good management it can be done and I want to emphasize that we do have good management at this institution. We have an outstanding group of deans, who have been going through this
President Jennings (contd):

now and I am confident will be able to accomplish the objective without an impairment to quality. Our vice presidents as all of you know are some of the most outstanding people in the country both in their management abilities and their sense of an academic enterprise and can indeed get through this. I am confident also in the faculty and staff and in the student body, that they will pitch in and cooperate in this very difficult time. This plan during this past week has been discussed and comments have been allowed from the Fiscal Affairs Committee of the University Senate, the Steering Committee of the University Senate, the Faculty Compensation and Benefits Committee of the University Senate, the Deans' Council and the vice presidents. They are all prepared and I am confident that this can be accomplished very shortly, but must be accomplished within a short period of time. It will be very difficult but I think the Governor's proposal is fair. He faces the most difficult economic times since the Great Depression in the State of Ohio. Our unemployment figures were at 14 per cent; they haven't been that high since the late 1930's. The Governor, in his speech, was clearly looking for permanent solutions. He is looking to fix the temporary situation but looking for permanent solutions and I am confident that with his help, cooperation of the General Assembly and the community at large that we can get through this and look forward to better times as the economy begins to improve. It will indeed be a great burden—it will be a burden to our faculty, to our students, to our staff; it will be a great burden to the people of Ohio. But I think in these difficult times that can be shouldered, and with cooperation we can accomplish this. We will do our share as I am confident the community at large will do its share. I wish we didn't have to go through this, but I am afraid we do and I think this will work and I think you can be confident that the people of this institution will pitch in and get the job done. Any questions?

--o--

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS
Resolution No. 83-79

Synopsis: The reports on contracts, grants, and gifts and the summary for November and December 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:
February 4, 1983 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, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the months of November and December 1982, be approved.

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

SUMMARY FOR NOVEMBER 1982

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>47</td>
<td>$3,058,226.57</td>
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<tr>
<td>Engineering Experiment Station</td>
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<td>114,732.00</td>
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<td>$3,172,958.57</td>
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The Ohio State University Development Fund

Establishment of Named Funds

- **College of Dentistry Orthodontic Support Fund** (College of Dentistry - Orthodontic Section) $50,000.00
- **Agronomy Teaching Improvement Fund** (Department of Agronomy) $10,000.00
- **Mary Jayne Dovenbarger Scholarship Fund** (College of Agriculture and Home Economics) $5,390.05
- **Department of Home Management and Housing Endowment Fund** (Department of Home Management and Housing) $5,000.00
- **The Law Class of '65 Endowed Fund** (College of Law) $5,000.00
February 4, 1983 meeting, Board of Trustees

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

SUMMARY FOR NOVEMBER 1982 (contd)

Report from Presidents Club

Members to date 4,576
1982 members: year to date 121
New members - November 1982 12

New Presidents Club Members - November 1982

George E. Bell
Helen Game Crane
Jack O. Evans
Charles C. Figge
Richard P. Goldthwait
E. Leonard Jossem

Kenneth E. Nutter
Robert W. Nutter
Glen E. Petry
Michael Sutton
S. J. Whalen
Howard E. Whiston

SUMMARY FOR DECEMBER 1982

<table>
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<tr>
<th>Source</th>
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<td>The Ohio State University Research Foundation</td>
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<td>Engineering Experiment Station</td>
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<td>Ohio Agricultural Research and Development Center</td>
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The Ohio State University Development Fund

Establishment of Named Funds

The Martha Brian Fellowship in Journalism
(Fellowship support - School of Journalism) $18,615.00

The Allan I. Gordon Undergraduate Scholarship for Study in Biochemical Engineering
(Department of Chemical Engineering) $10,000.00
February 4, 1982 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1982 (contd)

Establishment of Named Funds

The Francis R. Aumann Fund
(Department of Political Science) $5,475.00

The Jane S. Ward Medical Research Fund
(Medical Research) $5,040.00

Seneca Buckeye Alumni Scholarship Fund
(Undergraduate students - Seneca County) $5,000.00

Report from Presidents Club

Members to date 4,585
1982 members: year to date 132
New members - December 1982 11

New Presidents Club Members - December 1982

James F. Berg
Richard J. Denman
Steven P. Gibb
Joseph H. Goodman
Jack G. G. Hendershot
Shirley T. Johnson (Mrs. Robert E.)

Paul L. Ludwig
Elbert R. Nester
D. Scott Owens
Tom H. Robinson
David M. Selcer
February 4, 1983 meeting, Board of Trustees

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

SECOND QUARTER SUMMARY

October 1, 1982 through December 31, 1982

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>No. of Awards</th>
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<td>National Science Foundation</td>
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<td>Department of Education</td>
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<td><strong>GRAND TOTAL</strong></td>
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SECOND QUARTER SUMMARY
October 1, 1982 through December 31, 1982

ENGINEERING EXPERIMENT STATION

<table>
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<tr>
<th>Sponsor</th>
<th>No. of Awards</th>
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<td>STATE OF OHIO</td>
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<tr>
<td>INDUSTRIAL AND OTHER</td>
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<td>TOTAL</td>
<td>110</td>
<td>$237,195.00</td>
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February 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - November, 1982

Federal Research Contracts/Grants

$327,595.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine (M. Tzagournis and W. B. Malarkey), 1 December 1982 through 30 November 1983. (Project 761196 - Continuation)

$129,984.00 - 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), 29 November 1982 through 29 August 1983. (Project 763362 - New)

$119,936.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Effect of Ice Formation on Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and M. B. Bragg), 4 June 1983 through 4 June 1984. (Project 762009 - Continuation)

$117,433.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells in Vitro, College of Pharmacy (D. T. Witiak), 1 October 1982 through 30 June 1983. (Project 762177 - Continuation)

$112,441.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, in Vitro, Department of Physiological Chemistry (G. E. Milo), 1 July 1982 through 30 June 1983. (Project 762178 - Continuation)


$87,592.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen-Induced Changes in tRNA Metabolism in Human Cells, Department of Physiological Chemistry (R. Trewyn), 1 October 1982 through 30 September 1983. (Project 762404 - Continuation)

$87,000.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, The Study of Gravity Field Estimation Procedures, Department of Geodetic Science and Surveying (R. H. Rapp), 1 October 1982 through 30 September 1983. (Project 762959 - Continuation)
February 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)

$82,533.00 - Department of the 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), 1 July 1982 through 30 June 1983. (Project 761657 - Continuation)

$81,300.00 - National Science Foundation, Washington, D. C., Kinetics and Spectroscopy of Carbenes and Biradicals, Department of Chemistry (M. S. Platz), 1 December 1982 through 30 November 1983. (Project 763341 - Continuation)

$80,000.00 - National Science Foundation, Washington, D. C., Crack Detection by Ultrasonic Methods: Theory and Experiment, Department of Welding Engineering (L. Adler), 15 October 1982 through 14 October 1984. (Project 763354 - New)

$78,451.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels with Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. Blakeslee), 1 July 1982 through 30 June 1983. (Project 762179 - Continuation)

$74,741.00 - 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), 1 October 1982 through 30 September 1983. (Project 762438 - Continuation)

$71,000.00 - National Science Foundation, Washington, D. C., Wave Propagation and Transport in Heterogeneous Media, Department of Physics (D. G. Stroud and B. R. Patton), 1 November 1982 through 31 October 1983. (Project 762926 - Continuation)

$68,811.00 - 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 1982 through 31 October 1983. (Project 761420 - Continuation)

$60,000.00 - National Science Foundation, Washington, D. C., Molecular Studies of Genetic Regulation in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 December 1980 through 30 May 1984. (Project 762490 - Continuation)

$54,925.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Fundamentals of Microcrack Nucleation Mechanics, Department of Engineering Mechanics (L. S. Fu), 28 October 1982 through 27 October 1983. (Project 763340 - Continuation)
February 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)

$40,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute Health Clinic Center, Bethesda, Maryland, Normal Volunteers for Participation in Medical Research Projects, Department of Microbiology (A. M. Ackermann-Brown), 1 October 1982 through 30 September 1983. (Project 762907 - Continuation)


$30,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory, (C. A. Levis), 1 October 1982 through 31 December 1982. (Project 762612 - Continuation)

$22,964.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, EO Device Signature Reduction, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Damon), 1 October 1982 through 1 February 1983. (Project 762341 - Continuation)

$20,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, College of Administrative Science, Continuing Education (R. M. Montgomery and C. J. Slanicka), 1 October 1982 through 30 September 1983. (Project 761381 - 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 1982 through 31 October 1985. (Project 763344 - Continuation)

$11,072.00 - Department of the Interior, Geological Survey, Reston, Virginia, Analysis and Evaluation of Water Quality Data in the Ohio River Basin, Department of Civil Engineering (E. E. Whitlatch and R. M. Sykes), 1 October 1982 through 31 March 1983. (Project 762051 - Continuation)
February 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)

$10,610.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1982 through 17 March 1983. (Project 762072 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS $1,936,711.00

State of Ohio Research Contracts/Grants

$90,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Continuing Education for Child Care Professionals, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1982 through 30 September 1983. (Project 763348 - New)

$23,813.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Continuing Education for Child Care Professionals, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1982 through 30 September 1983. (Project 763255 - Continuation)

$8,585.00 - State of Ohio, Department of Education, Division of Vocational Education, Ohio Occupational Information Coordinating Committee, Columbus, Ohio, The Occupational Employment Statistics Survey Program in Ohio for Non-Manufacturing (Primarily Trade), 1982, Academic Faculty of Labor and Human Resources (S. C. Kelley, H. R. Blaine and M. Sandver), 1 November 1982 through 31 August 1983. (Project 763055 - Continuation)

$200.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, The Impact of Natural Support Systems on Children's Reaction to Parental Divorce/Separation, Department of Psychology (C. Wenar and M. Schreiber), 1 July 1982 through 31 December 1982. (Project 762184 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS $ 122,598.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

$627,899.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Centers, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1982 through 30 September 1983. (Project 763304 - Continuation)

$61,708.00 - Ross Laboratories, Division of 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 1983. (Project 763278 - New)
**February 4, 1983 meeting, Board of Trustees**

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

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

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
<th>Institution, Location</th>
<th>Principal Investigator(S)</th>
<th>Duration</th>
<th>Project Number</th>
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<td>$44,114.00</td>
<td>Dose-Response Analgesic Study of 37.5 mg, 75 mg and 150 mg Intramuscular Single Doses of Indoprofen Compared to Placebo in Patients with Post Abdominal or Vaginal Hysterectomy, Department of Anesthesiology (J. S. McDonald), 1 October 1982 through 30 June 1983. (Project 763360 - New)</td>
<td>Adria Laboratories, Columbus, Ohio</td>
<td>J. S. McDonald</td>
<td>1 October 1982 through 30 June 1983</td>
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<td>$42,840.00</td>
<td>Development of a Non-Traditional Medical Record Administration Program, School of Allied Medical Professions (M. S. Pariser), 1 September 1982 through 31 August 1983. (Project 762768 - Continuation)</td>
<td>W. K. Kellogg Foundation, Battle Creek, Michigan</td>
<td>M. S. Pariser</td>
<td>1 September 1982 through 31 August 1983</td>
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<td>$42,328.00</td>
<td>SK&amp;F 100,168 in Normal Subjects, Department of Medicine (C. V. Leier), 1 September 1982 through 30 August 1983. (Project 763342 - New)</td>
<td>Smith Kline and French Laboratories, Philadelphia, Pennsylvania</td>
<td>C. V. Leier</td>
<td>1 September 1982 through 30 August 1983</td>
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<td>$40,000.00</td>
<td>Decomposition Pathways for Carbon Disulfide, Department of Chemistry (I. Shavitt), 1 September 1982 through 31 August 1983. (Project 762983 - Continuation)</td>
<td>University of Florida, Gainesville, Florida</td>
<td>I. Shavitt</td>
<td>1 September 1982 through 31 August 1983</td>
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<td>$23,930.00</td>
<td>Molecule-Surface Interactions, Department of Chemistry (P. L. Jones), 1 December 1982 through 30 November 1983. (Project 762554 - Continuation)</td>
<td>Pittsburgh Plate Glass, Circleville, Ohio</td>
<td>P. L. Jones</td>
<td>1 December 1982 through 30 November 1983</td>
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<td>$20,000.00</td>
<td>State-State Chemical Dynamics of Molecule-Surface Interactions, Department of Chemistry (P. L. Jones), 1 December 1982 through 30 November 1983. (Project 763361 - New)</td>
<td>Research Corporation, New York, New York</td>
<td>P. L. Jones</td>
<td>1 December 1982 through 30 November 1983</td>
<td>763361</td>
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<td>$16,332.00</td>
<td>Pittsburgh Plate Glass, Circleville, Ohio, Analysis and Study of Orientation Programs for Resin Plant Operators, Academic Faculty of Vocational-Technical Education (J. E. Sage) and College of Education - Administration (J. J. Buffer), 1 October 1982 through 31 March 1983. (Project 763350 - New)</td>
<td>Pittsburgh Plate Glass, Circleville, Ohio</td>
<td>J. E. Sage, J. J. Buffer</td>
<td>1 October 1982 through 31 March 1983</td>
<td>763350</td>
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February 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

$15,671.00 - University of Rhode Island, Kingston, Rhode Island, Biosynthesis of Marine Natural Products, Department of Chemistry (H. G. Floss), 1 July 1982 through 30 June 1983. (Project 763351 - New)

$6,000.00 - American Cyanamid Company, Pearl River, New York, Clinical Evaluation of MAS-01, Department of Obstetrics and Gynecology (C. I. Friedman), 1 October 1982 through 30 September 1983. (Project 763346 - New)

$5,000.00 - Center for Public Education, Columbus, Ohio, Methodology Development for the Center for Public Education “Planning Study for the 80’s,” Department of Communication (D. Ronchi), 1 October 1982 through 31 March 1983. (Project 763333 - New)


$325.00 - The Apple Education Foundation, Cupertino, California, An Instructional Design Model for the Development of Computer Based Simulations, Academic Faculty of Educational Foundations and Research (K. A. Hall), 1 October 1982 through 31 December 1983. (Project 763347 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS $ 998,917.57

ENGINEERING EXPERIMENT STATION

Industry and Other Sponsored Research and Development


$107,541.00 - Twenty-six sponsors for 36 development projects under the direction of seven departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $ 114,732.00
February 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More


$37,000.00 Standard Oil Company, Cleveland, Ohio--$10,000.00 for SOHIO Fellowship in Chemistry; $7,500.00 for College of Administrative Science; $7,500.00 for Mining Engineering Scholarships; $7,000.00 for Capital Campaign - Chemical Engineering; $2,500.00 for Affirmative Action Program in Engineering; and $2,500.00 for Women Engineers - Engineering Administration.

$31,834.85 Louise Scott Foundation, Columbus, Ohio--$23,876.14 for William C. Orr and Mary B. Orr Scholarship in Medicine and $7,958.71 for William C. Orr and Mary B. Orr Scholarship in Pharmacy.

$29,134.94 Retinal Consultants, Columbus, Ohio--$25,452.36 for Retina Research Fund and $3,682.58 for Ophthalmology Photography Fund.

$27,808.00 Amoco Foundation, Inc., Chicago, Illinois--$13,508.00 for Amoco Foundation, Inc., Fellowship; $7,500.00 for Teacher's Awards Fund; and $6,800.00 for Department of Geology Fund.

$26,736.00 Trust Under the Will of Glenna Joyce, Columbus, Ohio, for Glenna R. Joyce Scholarship Fund.

$23,000.00 Union Carbide, New York, New York--$6,000.00 for Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering; $6,000.00 for Capital Campaign - Mechanical Engineering; $4,000.00 for Union Carbide Corporation Fund in Chemistry; $3,000.00 for Union Carbide Corporation Fellowship - Welding Engineering; $2,000.00 for Women Engineers - Engineering Administration; and $2,000.00 for Affirmative Action Program in Engineering.

$20,000.00 City Loan and Savings, Lima, Ohio, for WOSU Support Fund.

$18,075.00 Exxon Education Foundation, New York, New York--$10,000.00 for Exxon Fellowship in Metallurgical Engineering; $4,000.00 for Department of Geology Special Fund; $2,000.00 for Accounting Department, Chairman's Discretionary Fund; $2,000.00 for College of Administrative Science Fund; and $75.00 for undesignated purposes.

$16,118.28 Trust Under the Will of Carl Baldwin, Columbus, Ohio, for Carl and Grace Baldwin Eye Care Fund.
February 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

$15,885.52 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

$15,000.00 Ohio Dairy Farmers Federation, Inc., Columbus, Ohio, for Ohio Dairy Farmers Federation, Inc., Research Fund.

$14,543.77 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$13,687.50 Seward Schooler, Coshocton, Ohio--$12,500.00 for Cardiovascular Research Fund - Dr. Leier and $1,187.50 for Presidents Club Special Fund.

$12,400.00 Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Medical Scholarship Fund.

$10,373.82 Revlon Health Care Group, Columbus, Ohio, for Renal Disease Research Fund.

$10,260.00 Dellen Labs, Inc., Omaha, Nebraska, for Veterinary Pathobiology Graduate Training Fund.

$10,000.00 Howard Webb, Lima, Ohio, for Orthodontic Support Fund.

$10,000.00 Pulmonary Associates, Columbus, Ohio, for Pulmonary General Fund.

$10,000.00 M. S. & F. H. Bender Foundation, New York, New York, for Ophthalmic Laser Lab Fund.

$10,000.00 Ohio Food Processors Association, Worthington, Ohio, for Chair in Food Industry.

$ 7,854.37 Students Institute, Journalism and Communications, Tokyo, Japan, for Disaster Research Center - Japanese Collaboration.

$ 7,825.00 Ohio Farm Bureau, Columbus, Ohio--$7,200.00 for Farm Bureau Scholarship Program and $625.00 for Roy M. Kottman Scholarship Fund.

$ 7,800.00 Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Infectious Disease Fund.
February 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

$ 7,675.00 Glenbrook Labs, New York, New York, for Reye's Syndrome - Dr. J. D. Pollack.

$ 7,500.00 Chevron Oil Research, La Habra, California, for Chemistry Research - Dr. McCreery.

$ 7,028.77 Trust Under the Will of Melvin Moffitt, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

$ 7,000.00 H. C. Moores Foundation, Gahanna, Ohio, for Friends of WOSU.

$ 6,870.38 Noel Hiatt, Columbus, Ohio--$6,131.63 for Dentistry Advanced Endowment Fund and $738.75 for Student Athlete Grant-in-Aid.

$ 6,751.42 Ohio Ladies VFW Auxiliary, Columbus, Ohio, for Cancer Research Center.

$ 6,500.00 Mosier Industry, Inc., Brookville, Ohio--$4,000.00 for Fluid Power Fund and $2,500.00 for Mosier Fund.

$ 6,000.00 Raymond Mason, Venice, Florida, for Presidents Club Special Fund.

$ 5,036.00 The Mead Corporation Foundation, Dayton, Ohio--$3,000.00 for Electrical Engineering Chairman's Discretionary Fund; $2,000.00 for Department of Computer and Information Science Chairman's Discretionary Fund; and $36.00 for Friends of WOSU.

$ 5,000.00 Ernst and Whinney, Columbus, Ohio, for Ernst & Ernst Accounting Grant.

$ 5,000.00 Park National Bank, Newark, Ohio, for Everett D. Reese and Park National Bank Fund for Faculty of Finance.

$ 5,000.00 Pfizer, Inc., Lees Summit, Missouri, for Pfizer Research Fellowship Fund.

$ 5,000.00 Loren M. Berry Foundation, Dayton, Ohio, for undesignated purposes.

$ 5,000.00 George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation Fund for Enology and Viticulture.
February 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

- $10,000.00 - Dwight Klump, Blissfield, Michigan, three-year old Arabian mare
- $7,333.33 - Landon Knight, Akron, Ohio, four-year old Thoroughbred gelding
- $5,500.00 - Patricia M. Barr, Inc., Akron, Ohio, six-year old Thoroughbred stallion

Establishment of Named Funds

College of Dentistry Orthodontic Support Fund

The College of Dentistry Orthodontic Support Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund by alumni and friends of the Orthodontic Section of the College of Dentistry.

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

The principal and/or income is to be used to support and advance the Orthodontic Section of the College of Dentistry.

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 College of Dentistry.

Agronomy Teaching Improvement Fund

The Agronomy Teaching Improvement Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts from Professor Donald E. Herr, Ph.D. 1965, in honor of his sons, John E. Herr, M.D. 1981, and Douglas E. Herr, B.S. 1980, U.S. Military Academy.

All gifts are to be invested in the University’s Permanent Endowment Fund under the rules and regulations 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 classroom and/or laboratory equipment and accessories for any medium of instruction, expendable supplies excluded. Expenses incurred
February 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

Agronomy Teaching Improvement Fund (contd)

by any Agronomy faculty attending functions where the primary intent is to improve the teaching capability of the individual may also be paid. Allocation of funds will be determined by the department chairperson and the assistant chairperson.

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 emphasis in agricultural education.

Mary Jayne Dovenbarger Scholarship Fund

The Mary Jayne Dovenbarger Scholarship Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts from family, friends and colleagues to The Ohio State University Development Fund in honor of her career as an Ashland County Extension Economist.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 scholarship each year for an Ashland County student enrolled in The Ohio State University College of Agriculture and Home Economics with a major study in Agriculture, Home Economics, or Natural Resources and an interest in the 4-H program or other Cooperative Extension work as a career choice. Should no such undergraduate student qualify, then it may be awarded to a graduate student from Ashland County preparing for a career in Cooperative Extension Service. All recipients shall demonstrate above average academic ability and/or financial need and/or leadership ability. Should there be no qualified student from Ashland County, then the scholarship may be awarded to any student from the State of Ohio preparing for a career in the Cooperative Extension Service.

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 Dean of the College of Agriculture and Home Economics.

Department of Home Management and Housing Endowment Fund

The Department of Home Management and Housing Endowment Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts from alumni, faculty and friends of the Department of Home Management and Housing of the School of Home Economics.
February 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

Department of Home Management and Housing Endowment Fund (contd)

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

The annual income is to be used to further programs in the Department of Home Management and Housing with preference given to graduate and research programs, in that order. Expenditure of annual income will be determined by the chairperson and two faculty members of the Department of Home Management and Housing. Annual income from the endowment shall be accumulated and added to the principal until the endowment reaches a total of $10,000. Subsequent earnings shall be distributed on the basis of eighty percent (80%) of the earnings awarded, as directed in the first sentence of this paragraph, and twenty percent (20%) of earnings returned to the principal of the endowment.

Should the need for these funds cease to exist or so diminish as to provide unused income, or should the Department of Home Management and Housing cease to exist through any reorganization of the University, 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 consumer/family economics, equipment, home management and housing education.

The Law Class of ’65 Endowed Fund

The Law Class of ‘65 Endowed Fund was established February 4, 1983, 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 1965 of the OSU College of Law.

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

The annual income is to be used to support the Class of ‘65 Endowed Professorship of Law. The professorship is created to recognize the work of a distinguished scholar and teacher in the College of Law. Appointment to the Class of ‘65 Endowed Professorship will be recommended by the Dean of the College of Law for approval by the Board of Trustees.

Until such time as this fund reaches a total to fully establish a professorship ($250,000.00), the annual income is to be reinvested completely in the principal of the fund. The members of the Class of ’65 reserve the right to request a change in the endowment description at a future date with recommendation from the Dean of the College of Law.

Should the need for this endowed fund cease to exist or so diminish as to provide unused income, then the income may be used by the Board of Trustees, with preference being given to recommendations from the person directly responsible for legal education.
Federal Research Contracts/Grants

$600,000.00 - 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), 1 November 1982 through 31 October 1983. (Project 762920 - Continuation)

$380,498.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 1 October 1982 through 30 September 1983. (Project 760914 - Continuation)

$244,301.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 December 1982 through 30 November 1983. (Project 760043 - Continuation)

$109,493.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Interaction of DNA Topoisomerase I with Cromatin, Department of Microbiology (M. T. Muller), 1 January 1983 through 31 December 1983. (Project 763392 - New)

$101,818.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1983 through 31 December 1983. (Project 760578 - Continuation)

$84,240.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Vasoactive Intestinal Peptide in Diagnosis of Leukemia, Department of Medicine (M. S. O'Dorisio and T. O'Dorisio), 1 December 1982 through 30 November 1983. (Project 762499 - Continuation)

$72,726.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Single-Atom Peri-Bridged Arenes and Heteroarenes: Carbenic Processes, Department of Chemistry (H. Shechter), 1 December 1982 through 30 November 1983. (Project 762529 - Continuation)

$65,343.00 - National Science Foundation, Washington, D. C., Single-Atom Peri-Bridged Arenes and Heteroarenes: Carbenic Processes, Department of Chemistry (H. Shechter), 1 December 1982 through 30 November 1983. (Project 762529 - Continuation)
February 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)

$60,000.00 - National Science Foundation, Washington, D. C., Sulfide Oxidation and Mixotrophy in Beggiatoa Alba as an Efficient Alternative Form of Energy Metabolism, Department of Microbiology (W. R. Strohl), 15 November 1982 through 14 November 1984. (Project 763364 - New)

$50,000.00 - National Science Foundation, Washington, D. C., Studies of Petrified Paleozoic Fungi, Department of Botany (T. N. Taylor and S. P. Stubblefield), 1 January 1983 through 31 December 1983. (Project 763394 - New)

$37,817.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Enzyme Aging and Gene Expression in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 December 1982 through 30 November 1983. (Project 762514 - Continuation)

$36,500.00 - 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 1982 through 30 November 1983. (Project 763382 - New)

$35,835.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Acanthamoeba Strain Comparisons: Mitochondrial DNA, Department of Microbiology (T. J. Byers), 1 December 1982 through 30 November 1983. (Project 762493 - Continuation)

$30,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1982 through 30 November 1983. (Project 760022 - Continuation)

$30,000.00 - 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 October 1982 through 30 April 1983. (Project 763057 - Continuation)

$25,318.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 January 1983 through 31 March 1983. (Project 762612 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$25,000.00 - National Endowment for the Arts, Washington, D. C., Color Photography in the Thirties: Dominant Modes and FSA Documentary Experiments, College of the Arts - Administration (J. W. Green), 1 December 1982 through 31 December 1984. (Project 763355 - New)

$23,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advance RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 October 1982 through 30 December 1982. (Project 762363 - Continuation)


$21,800.00 - 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 1983 through 30 June 1984. (Project 762750 - Continuation)

$20,000.00 - National Endowment for the Arts, Washington, D. C., University Gallery Art Purchase, College of the Arts - Administration (J. W. Green), 1 December 1982 through 30 June 1983. (Project 763376 - New)

$17,300.00 - National Science Foundation, Washington, D. C., Stereochemistry of Reactions at Prochiral and Pro-Prochiral Centers - A 13Carbon, Deuterium Double Labeling Approach, Department of Chemistry (H. G. Floss), 15 December 1982 through 31 December 1983. (Project 763379 - New)


$9,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Mental Health, Rockville, Maryland, Pupillographic Response and Average Evoked Potentials as a Measure of Information Processing in Schizophrenics and Normal, Department of Psychology (G. Berntson and C. Putchat), 22 September 1982 through 21 September 1983. (Project 763357 - New)
February 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)

$6,062.00 - Department of Agriculture, Graduate School, Washington, D. C., A Study to Determine the Feasibility and Viability of Establishing a Vocational Training Institute in Peru, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1982 through 31 January 1983. (Project 763389 - New)


$1,433.51 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 March 1982 through 15 September 1982. (Project 762359 - Continuation)

TOTAL - FEDERAL AWARDS $2,127,361.51

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), 16 October 1982 through 30 September 1983. (Project 762993 - Continuation)

$13,582.87 - State of Ohio, Department of Education, Division of Vocational Education, Career Development Service, Columbus, Ohio, Coordination of Statewide Career Education Activities, Academic Faculty of Special Services (J. J. Quaranta), 1 December 1982 through 31 March 1983. (Project 763053 - Continuation)

$4,000.00 - Ohio Arts Council, Columbus, Ohio, Haciendo Punto en Otro Son Concert for Hispanic Awareness Week, 1983, Office of Student Life (M. D. Livingston), 1 August 1982 through 30 April 1983. (Project 763371 - New)

$2,960.00 - Ohio Arts Council, Columbus, Ohio, Keyboard Conversation, Department of Telecommunications (D. Ouzts), 1 July 1982 through 30 June 1983. (Project 763356 - New)

$1,909.00 - Ohio Arts Council, Columbus, Ohio, International Conference on Women, Culture and Fascism, Department of German (H. Fehervary), 1 January 1983 through 31 May 1983. (Project 763384 - New)
February 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 (contd)

$1,183.00 - Ohio Arts Council, Columbus, Ohio, Publication Support for the Ohio Journal, Department of English (W. W. Allen), 1 July 1982 through 30 June 1983. (Project 763369 - New)

TOTAL - STATE OF OHIO AWARDS $ 86,868.87

Industrial Research Contracts/Grants

$219,225.00 - American Matrix, Inc., Tampa, Florida, Stereological Computer-Assisted Fluorometry: Development of Techniques for Analysis of Biological Material, Comprehensive Cancer Center (L. D. Tomei) and Department of Electrical Engineering (S. A. Collins, Jr.), 1 December 1982 through 30 November 1983. (Project 763373 - New)


$12,500.00 - Madison County Hospital, London, Ohio, Madison County Hospital Internship Project, Academic Faculty of Special Services (J. J. Quaranta), 15 December 1982 through 31 August 1983. (Project 763381 - Continuation)

$5,996.00 - Chemical Abstracts Service, Division of the American Chemical Society, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval System, Department of Psychology (H. Shulman), 15 December 1982 through 15 March 1983. (Project 762213 - Continuation)

$1,000.00 - 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 December 1982 through 28 February 1983. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS $ 298,294.00
February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Private and Other Non-Federal Research Contracts/Grants


$149,300.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Interprofessional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Academic Faculty of Educational Administration (L. Cunningham), 1 October 1982 through 30 September 1983. (Project 762825 - Continuation)

$52,000.00 - The Gas Research Institute, Chicago, Illinois, Limitations on the Efficiency of the Solar Photoreduction of Carbon, Department of Biochemistry (R. T. Ross), 1 January 1983 through 31 December 1983. (Project 763124 - Continuation)

$28,418.56 - 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 1982 through 30 June 1983. (Project 763289 - Continuation)

$27,223.09 - 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 1982 through 30 June 1983. (Project 763289 - Continuation)

$26,027.00 - AARP Andrus Foundation, Washington, D. C., The Relationship of "Attachment to Home" and Other Factors to the Residential Choices of Recent Widows, Department of Family Relations and Human Development (S. L. O'Bryant), 1 January 1983 through 31 December 1983. (Project 763388 - New)

Private and Other Non-Federal Research Contracts (contd)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Institution</th>
<th>Project Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>$23,899.00</td>
<td>New Mexico Institute of Mining and Technology, Socorro, New Mexico</td>
<td>A Proposed Subcontract for Research on the Volcanic and Climatic Record of Antarctic Ice Cores, Institute of Polar Studies (E. Mosley-Thompson and D. H. Elliot), 1 January 1983 through 31 December 1983. (Project 763009 - Continuation)</td>
</tr>
<tr>
<td>$23,550.00</td>
<td>Iowa State University, Ames Laboratory, Ames, Iowa, Ultrasound</td>
<td>Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 October 1982 through 31 March 1983. (Project 763374 - Continuation)</td>
</tr>
<tr>
<td>$18,000.00</td>
<td>American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio</td>
<td>Atherosclerosis: Proliferation of Aorta Smooth Muscle Cells, Department of Physiological Chemistry and College of Medicine · Administration (D. G. Cornwell), 1 December 1982 through 30 November 1983. (Project 763366 - New)</td>
</tr>
<tr>
<td>$17,620.00</td>
<td>Upper Arlington Schools, Upper Arlington, Ohio, Career Education Intern</td>
<td>Program, Academic Faculty of Special Services (J. J. Quaranta), 1 September 1982 through 1 June 1983. (Project 763378 - Continuation)</td>
</tr>
<tr>
<td>$17,600.00</td>
<td>Iowa State University, Ames Laboratory, Ames, Iowa, Elastic Wave</td>
<td>Scattering by Flaws for Application in NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 October 1982 through 31 March 1983. (Project 763372 - Continuation)</td>
</tr>
<tr>
<td>$17,350.00</td>
<td>Upper Arlington Schools, Upper Arlington, Ohio, Subcontract for Direct</td>
<td>Services and Instruction for Upper Arlington City Schools Demonstration and Validation of a Comprehensive Career Education Project (USOE), Academic Faculty of Special Services (J. J. Quaranta), 1 August 1982 through 28 February 1983. (Project 763377 - Continuation)</td>
</tr>
<tr>
<td>$16,000.00</td>
<td>Eight 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 1982 through 30 June 1983. (Project 763137 - Continuation)</td>
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<tr>
<td>$9,714.00</td>
<td>W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, Department of City and Regional Planning (S. I. Gordon), 1 September 1982 through 31 August 1983. (Project 7632906 - Continuation)</td>
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<tr>
<td>$9,000.00</td>
<td>Aga Khan Program for Islamic Architecture, Massachusetts Institute of Technology, Cambridge, Massachusetts, Equipment Purchase for East Indian/Bangladesh Islamic Architecture Photography Project, Department of History of Art (S. L. Huntington), 1 October 1982 through 30 September 1983. (Project 763349 - New)</td>
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February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Private and Other Non-Federal Research Contracts/Grants (contd)


TOTAL - PRIVATE AND OTHER NON-FEDERAL AWARDS $1,108,166.65

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$6,876.00 - Ohio Department of Transportation, Columbus, Ohio, for Extension 2 of “Guidelines for Left-Turn Treatments at Fully Actuated Signal Controlled Intersections,” Transplex in the Department of Civil Engineering, October 1, 1982 through March 31, 1983. (EES 529091, Extension 2)

Industrial and Other Sponsored Research and Development

$14,000.00 - ANACONDA Division of American Brass, Rolling Meadows, Illinois, for “Phase I: Laser Welding of Copper Alloys,” Department of Welding Engineering, December 1, 1982 through March 31, 1983. (EES 529630)

$82,721.00 - Thirty-seven sponsors for 43 development projects under the direction of 7 engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $96,721.00

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contract/Grant

$10,000.00 - U. S. Department of Agriculture, Agricultural Research Service, Washington, D. C., support of a study on comprehensive program planning and development for Food and Agriculture Higher Education Programs - Home Economics, December 1, 1982 to November 30, 1986. (Cooperative Agreement No. 58-32R6-3-156)

Gifts of $5,000 or More

$8,802.00 Ohio Florists Association, Columbus, Ohio
$5,000.00 ICI Americas Inc., Wilmington, Delaware

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February 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of $5,000 or More

$91,718.75 Wayne English, Washington, D. C., for Wayne G. English Fund.

$57,339.23 Harry Ansel, Fort Lauderdale, Florida--$28,669.62 for Mildred H. Ansel Scholarship Fund and $28,669.61 for Harry R. Ansel Scholarship.

$55,024.00 Shell Companies Foundation, Houston, Texas--$17,524.00 for Shell Doctoral Fellowship; $7,500.00 for Shell Companies Foundation Fund for Chemical Engineering; $7,500.00 for Shell Companies Foundation Fund for Metallurgical Engineering; $7,500.00 for Shell Companies Foundation Fund for Electrical Engineering; $7,500.00 for Shell Companies Foundation Fund for Chemistry; and $7,500.00 for Shell Graduate Aid for Computer and Information Science in Engineering.

$36,955.88 Mrs. Horatio Ebert, Medina, Ohio, for Cancer Research.

$30,269.07 Orlean Skelton, Washington, D. C., for Dental Alumni Loan Fund.

$30,000.00 Yassenoff Endowment, Columbus, Ohio, for Yassenoff Chair - Philosophy.

$22,000.00 Gynecic Research/Education Fund, Columbus, Ohio, for Education, Publication, and Research - OBS Fund.

$17,253.56 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

$17,248.00 General Motors, New York, New York, for General Motors Corporation Scholarship.

$16,889.00 University Eye Surgeons, Inc., Columbus, Ohio--$16,750.00 for Eye Bank Fund and $139.00 for Ophthalmology Photography Fund.

$14,325.00 Ruth Wilson, Westerville, Ohio, for James Hay and Ruth Wilson Professorship in Cardiology.

$13,900.00 Ohio Dairy Farm Foundation, Inc., Columbus, Ohio, for Ohio Dairy Research.

$13,500.00 Kellogg Foundation, Battle Creek, Michigan, for Kellogg-Jackson Fund.
February 4, 1982 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)

$12,500.00  Warner Amex Cable Communications, Inc., Columbus, Ohio, for College of Art Support Fund.

$12,162.50  Joseph Cullman, New York, New York, for Cullman Symposium Fund.

$12,000.00  Mead Johnson and Company, Evansville, Indiana, for Cardiovascular Research.

$10,000.00  Center for Economic Education of Central Ohio, Columbus, Ohio, for Economic Education.

$10,000.00  J. Dinius, Findlay, Ohio, for J. Parker and Kathryn Webb Dinius Fellowship.

$10,000.00  Evans (Bob) Farms, Inc., Columbus, Ohio, for Chair in Food Industry.

$10,000.00  Ohio Veterinary Medical Association, Second District, Botkins, Ohio, for Veterinary Medicine Services Fund.

$10,000.00  Pulmonary Association, Columbus, Ohio, for Pulmonary Fund.

$8,800.00  Phillips Petroleum Company, Bartlesville, Oklahoma, for Phillips Petroleum Company Fellowship.

$8,000.00  Atlantic Rich Company, Los Angeles, California, for Arco Graduate Fellowship Fund.

$7,280.00  Cincinnati Milacron, Cincinnati, Ohio, for Cincinnati Milacron Foundation.

$6,100.00  Mario Fontana, Iron Mountain, Michigan, for Mars G. Fontana Endowment.

$5,625.00  American Lung Association of Central Ohio, for Pulmonary Fund.

$5,600.00  American Critical Care, Division of American Hospital Supply Corporation, McGaw Park, Illinois, for Research Foundation.

$5,347.60  Antique Show and Sale, Columbus, Ohio, for Presidents Club Special Fund.
February 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)

$ 5,025.00 Richard Goldthwait, Anna Maria, Florida--$5,000.00 for Friends of Polar Study and $25.00 for Faculty Club Building Fund.

$ 5,000.00 William Banks, Houston, Texas, for Torrence Makley Fund.

$ 5,000.00 Hans Bredemeyer, Springfield, Ohio, for Torrence Makley Fund.

$ 5,000.00 Walter Kidd, Baltimore, Maryland--$2,500.00 for Architecture School and $2,500.00 for OSU National Merit Scholarship.

$ 5,000.00 Landmark, Inc., Columbus, Ohio, for Professorship in Plant Protection.

$ 5,000.00 Jerrold Levin, Cincinnati, Ohio, for Torrence Makley Fund.

$ 5,000.00 Ohio Lions Eye Foundation, Columbus, Ohio, for Institute Research - Vision.

$ 5,000.00 Plaskolite, Inc., Columbus, Ohio, for Plaskolite Fund.

Gift-in-Kind

$22,100.00 Glen Petry, Greenville, Ohio, Sarouk Persian Rug

Establishment of Named Funds

The Martha Brian Fellowship in Journalism

The Martha Brian Fellowship in Journalism was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the OSU School of Journalism alumni, colleagues, friends and relatives, including Dr. and Mrs. C. J. Brian, parents of the late Professor Brian, and the family of her brother, Mr. and Mrs. C. J. Brian, Jr.

All gifts are to be invested in the University’s Permanent Endowment Fund under the rules and regulations 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 the principal until the fund reaches $60,000 or until February 1, 1984. At that time, the income is to be used to provide fellowship support for a Graduate Teaching Associate in the School of Journalism.
February 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

The Martha Brian Fellowship in Journalism (contd)

The Fellows will be selected on the basis of past academic achievement and interest and ability in reporting. Also to be considered by the School of Journalism faculty selection committee will be the promise of success in the field of reporting and the potential for providing future leadership in journalism. The selection of the recipient is to be made by a committee of graduate faculty members of the 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 recommendations from the appropriate administrative official of the University who is then directly responsible for journalism education.

The Allan I. Gordon Undergraduate Scholarship for Study in Biochemical Engineering

The Allan I. Gordon Undergraduate Scholarship for Study in Biochemical Engineering was established February 4, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Allan I. Gordon, B.Ch.E. ‘35, M.S. ‘39.

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

The annual income is to be used to provide one or more scholarships for undergraduates who are at least seniors majoring in chemical engineering and who have demonstrated an interest in organic chemistry, biochemistry, or biochemical engineering. Scholarship candidates should have demonstrated high academic achievement and preferably be a member of the Tau Beta Pi, the honorary engineering society. The selection of the recipient is to be made by the Dean of the College of Engineering upon the recommendation of the Chairperson of the Department of Chemical Engineering.

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 University who is then directly responsible for chemical engineering education.
Establishment of Named Funds

The Jane S. Ward Medical Research Fund

The Jane S. Ward Medical Research Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in loving memory of Jane Struthers Ward by her husband, Vernon G. Ward, formerly of The Ohio State University Research Foundation and the Department of Aeronautical Engineering, by her daughter and husband, Susan L. and Gary J. Morgan, her son, David M. Ward, B.S., Biology, 1971, and his wife, Nancy M. Ward, B.S., Home Economics, 1971, and by other family and friends.

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

Each year eighty percent (80%) of the annual income from the fund is to be used for the support of medical research in the area of cirrhosis of the liver and associated ascites, or other related medical areas. The remaining twenty percent (20%) is to be added to The Jane S. Ward Medical Research Fund 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 medical research.

The Francis R. Aumann Fund

The Francis R. Aumann Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and associates of Emeritus Professor Aumann.

All gifts are to be invested in the University's permanent endowment fund 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 aid students at The Ohio State University Department of Political Science particularly to promote and reward excellence in scholarship, and to promote the academic goals of the department as determined by the chairperson.

Should the need for the Francis R. Aumann 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 directly responsible for political science education.
Establishment of Named Funds

Seneca Buckeye Alumni Scholarship Fund

The Seneca Buckeye Alumni Scholarship Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Seneca 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 Seneca County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Seneca County Alumni Club.

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.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS

Resolution No. 83-80

ENERGY MODIFICATIONS - LAUNDRY BUILDING (ECM 9)

Synopsis: Authorization to employ an engineering 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 IV of the Department of Energy's Federal Institutional Grants Program; and

WHEREAS this grant will provide fifty percent funding for the energy modification project for the Laundry Building, with the other fifty percent being funded from the University's Office of Business Management for a total project cost of $54,350; and
February 4, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS (contd)

ENERGY MODIFICATIONS - LAUNDRY BUILDING (ECM 9) (contd)

WHEREAS this energy conservation measure 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 of same 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:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to proceed 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 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. Havens, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 83-81

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:

MOLLY CAREN AGRICULTURAL CENTER, FARM SCIENCE REVIEW SITE - ELECTRICAL DISTRIBUTION SYSTEM

Project: Install primary and secondary electrical power distribution system to provide electric service for the Farm Science Review operation.

Funding: Local University line of credit

Estimated Project Cost: $300,000.00
February 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

MASSONRY REPAIRS - MANSFIELD REGIONAL CAMPUS AND LIMA REGIONAL CAMPUS

Project: Due to deterioration, repairs are necessary to exterior masonry of Ovalwood Hall at the Mansfield Regional Campus and Galvin Hall at the Lima Regional Campus.

Funding: H.B. 552, Branch Campus - Utilities and Renovation

Estimated Project Cost: $173,000.00

ROOF REPLACEMENT AND REPAIRS - REGIONAL CAMPUSES LIMA TECHNICAL BUILDING AND MARION TECHNICAL BUILDING

Project: 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.

Funding: H.B. 552, Branch Campus - Utilities and Renovation

Estimated Project Cost: $160,000.00

ELECTROSCIENCE LABORATORY - STORAGE ROOM ADDITION

Project: 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.

Funding: Budget Account 885188

Estimated Project Cost: $56,197.00

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.
February 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

Mr. Jackson:

Mr. President, Dr. Firebaugh is here with an overhead view of the Farm Science Review which had some discussion this morning—if it is the pleasure of the Board to present that.

President Jennings: Dr. Firebaugh.

Dr. Firebaugh:

Mr. Chairman, Members of the Board of Trustees, and President Jennings. We are pleased with your continued interest in Farm Science Review and in our relocation at the Molly Caren Agricultural Center. Craig Fendrick, who is our manager for the Farm Science Review, has turned on the overhead, if you would direct your attention there. You will recall the site is in Madison County and the work that has been done so far is primarily in the region south of 70 and north of 40. The electrical work which you are about to vote on will be for the improvement in the exhibit area. I wonder if there are specific questions that Craig or I might address in relation to this overall plan. I should add that our current use of the facility will be for Farm Science Review. We are taking a still longer range look at the site for possible additional uses of the Center but our initial use will be for Farm Science Review and Craig and I would be happy to address any specific questions.

Mr. Havens: What is the access point off of Route 70?

Dr. Firebaugh: Craig, would you show the other transparency and give the access point?

Mr. Fendrick:

The access point actually off of 70—the access to the Review site is truly off of U. S. 40. We will access at 42 and 70 and 56 and 70, so that access points will actually come from 70 to the old National Road.

Dr. Firebaugh: Are there other questions that we might address?

President Jennings: I think that is all.

Dr. Firebaugh: We will look forward to seeing you at the Farm Science Review.

President Jennings: I bet I know at least one that will be there.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous roll call vote.

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February 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS
Resolution No. 83-82

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:

BULK CHEMICAL WAREHOUSE

Description: This project will provide space to house a bulk chemical warehouse, laboratory reagent manufacturing facility, and a low-level radioactive waste processing facility to prepare the materials for shipment to disposal sites in accordance with Federal and other regulations.

General Contract

<table>
<thead>
<tr>
<th>Date Received:</th>
<th>November 30, 1982</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Bids:</td>
<td>13</td>
</tr>
<tr>
<td>Low Bid:</td>
<td>$575,900.00</td>
</tr>
<tr>
<td>High Bid:</td>
<td>$709,925.00</td>
</tr>
<tr>
<td>Estimate of Cost:</td>
<td>$644,494.00</td>
</tr>
<tr>
<td>Awarded to:</td>
<td>M &amp; P Construction Co., Inc., Blacklick, Ohio</td>
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</table>

Plumbing Contract

<table>
<thead>
<tr>
<th>Date Received:</th>
<th>November 23, 1982</th>
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</thead>
<tbody>
<tr>
<td>No. of Bids:</td>
<td>8</td>
</tr>
<tr>
<td>Low Bid:</td>
<td>$88,600.00</td>
</tr>
<tr>
<td>High Bid:</td>
<td>$123,700.00</td>
</tr>
<tr>
<td>Estimate of Cost:</td>
<td>$108,806.00</td>
</tr>
<tr>
<td>Awarded to:</td>
<td>Radico, Inc., Columbus, Ohio</td>
</tr>
</tbody>
</table>
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

BULK CHEMICAL WAREHOUSE (contd)

Fire Protection Contract

Date Received: November 23, 1982

No. of Bids: 6

Low Bid: $ 127,254.00*

High Bid: $ 181,900.00

Estimate of Cost: $ 126,174.00

Awarded to: Capital Fire Protection Co., Columbus, Ohio

Heating, Ventilating and Air Conditioning Contract

Date Received: November 23, 1982

No. of Bids: 9

Low Bid: $ 335,290.00

High Bid: $ 446,515.00

Estimate of Cost: $ 353,000.00

Awarded to: Radico, Inc., Columbus, Ohio

Electrical Contract

Date Received: November 23, 1982

No. of Bids: 11

Low Bid: $ 167,761.00

High Bid: $ 249,000.00

Estimate of Cost: $ 217,050.00

Awarded to: Seco Electric Co., Columbus, Ohio

*Fire Protection 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.
February 4, 1983 meeting, Board of Trustees

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

BULK CHEMICAL WAREHOUSE (contd)

<table>
<thead>
<tr>
<th>Description</th>
<th>Total All Contracts: $1,294,805.00</th>
<th>Total Contingency Allowance: $69,431.02 which is 5 percent of construction contract</th>
<th>Total Project Cost: $1,539,409.82</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding:</td>
<td>Budget Account 882046</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CANCER INSTITUTE HOSPITAL (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 the University Hospital and adjacent buildings. This will relocate the sanitary sewer from the building site without interruption of existing service.

General Contract

<table>
<thead>
<tr>
<th>Date Received:</th>
<th>December 8, 1982</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Bids:</td>
<td>4</td>
</tr>
<tr>
<td>Low Bid:</td>
<td>$51,170.00</td>
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<tr>
<td>High Bid:</td>
<td>$73,300.00</td>
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<tr>
<td>Estimate of Cost:</td>
<td>$55,000.00</td>
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<tr>
<td>Awarded to:</td>
<td>Complete General Construction</td>
</tr>
<tr>
<td>Total Contract:</td>
<td>$51,170.00</td>
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<tr>
<td>Total Contingency Allowance:</td>
<td>$5,117.00 which is 10 percent of construction cost</td>
</tr>
<tr>
<td>Total Project Cost:</td>
<td>$67,373.50</td>
</tr>
<tr>
<td>Funding:</td>
<td>Am. Sub. H.B. 552</td>
</tr>
</tbody>
</table>
February 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

OHIO UNION PARKING RAMP - INSTALLATION OF NEW
13.8KV ELECTRICAL SERVICE

Description: Installation of primary 15KV 3-phase electrical service from Sullivant Hall. By transferring this electrical load from a direct utility company service to the University's distribution system, it is estimated that a $9,000 annual savings will be made.

Electrical Contract

Date Received: December 1, 1982
No. of Bids: 7
Low Bid: $35,985.00
High Bid: $59,990.00
Estimate of Cost: $38,150.00
Awarded to: Frush & Homan, Columbus, Ohio
Total Contract: $35,985.00
Total Contingency Allowance: $4,800.00 which is 5 percent of construction contract
Total Project Cost: $43,137.90
Funding: Budget Account 885178 (Local)

FONTANA LABORATORY - EXTERIOR MASONRY REPAIRS

Description: Remove all sealant from around all masonry openings and reseal with an elastomeric sealant. Cut out all stone to stone, stone to brick, stone to metal and brick to metal joints and reseal. Cut a control joint on the north elevation of the building and seal with an elastomeric sealant. This will make the building weather tight and prolong the life of the building.

General Contract

Date Received: November 17, 1982
No. of Bids: 8
Low Bid: $13,350.00
High Bid: $21,612.00
Estimate of Cost: $20,600.00
Awarded to: Charbetz, Inc., Columbus, Ohio
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

FONTANA LABORATORY - EXTERIOR MASONRY REPAIRS (contd)

Total Contract: $13,350.00
Total Contingency Allowance: $3,184.64 which is 24 percent of construction contract
Total Project Cost: $17,500.00
Funding: Budget Account 210134 (Local)

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.

President Jennings:

Mr. Jackson there was a question on the contingency on the Fontana Laboratory. Perhaps you would respond to that at this stage.

Mr. Jackson:

I will attempt to respond. The reason that the contingency is of the magnitude that it is, is because the people who are responsible for this--these plans and specifications were put together late last year--and with another winter and with the bids it was hoped that after examination if there was additional damage as a result of the additional freezing and thawing that this would give them an appropriate contingency with which to expand the contract if appropriate. If additional work is not required then obviously the additional funds would not be expended but it really was the addition of another winter that was causing the size of that particular contingency.

President Jennings: Mr. Havens?

Mr. Havens: I accept that.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

President Jennings:

Mr. Chairman, I think it is very important to note that in the contracts awarded for the Cancer Institute to clear the ground. As you know, the Governor referred to the escalating medical costs in this state in his Tuesday's speech which we are all very conscious of and spoke of a moratorium on hospital construction throughout the state. I think it is very important to note that the Cancer Institute is a research facility and that it has already begun and that that moratorium would not apply to this facility.

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February 4, 1983 meeting, Board of Trustees

SALE OF PROPERTY - 116.2 ACRES (HENDERSON FARM)
PLEASANT TOWNSHIP, FRANKLIN COUNTY, OHIO

Resolution No. 83-83

Synopsis: Sale of the University’s interest in the remaining 116.2 acres of the Henderson Farm in Pleasant Township of Franklin County is proposed.

WHEREAS on September 3, 1982, the Board of Trustees authorized the sale of the University’s interest in the remaining 116.2 acres of the Henderson Farm to the Board of Park Commissioners of the Columbus and Franklin County Metropolitan Park District; and

WHEREAS the Board of Park Commissioners has subsequently expressed the desire that title to this property be taken by The Nature Conservancy and The Nature Conservancy, contingent upon The Nature Conservancy receiving an assignment from the Board of Park Commissioners, has offered to purchase the property at the same price ($255,600.00) and on the same terms and conditions as were previously authorized by this Board; and

WHEREAS it is the desire of this Board to accept the offer of The Nature Conservancy and sell all of this Board’s right, title, and interest in and to the 116.2 acre portion to The Nature Conservancy; and

WHEREAS the Treasurer of the University, as Trustee for the Margery W. Henderson Charitable Remainder Annuity Trust, also has agreed to sell the Trust’s interest in the 116.2 acres to The Nature Conservancy, is in agreement as to the selling price, and has authorized the University to proceed on his behalf:

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 the remaining 116.2 acre portion of the Henderson Farm to The Nature Conservancy.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the foregoing resolution was adopted with eight affirmative votes and Mr. Galbreath abstaining.

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EASEMENTS
OHIO POWER COMPANY
UNITED TELEPHONE COMPANY OF OHIO

Resolution No. 83-84

Synopsis: Renewal of utility easements on the Lima Campus are proposed.

WHEREAS in 1967 the University granted to United Telephone of Ohio and Ohio Power Company easements, 3967.22 feet in length and 45 feet wide, on the west side of Mumaugh Road on the Lima Regional Campus for the purpose of servicing University buildings; and
February 4, 1983 meeting, Board of Trustees

EASEMENTS
OHIO POWER COMPANY
UNITED TELEPHONE COMPANY OF OHIO (contd)

WHEREAS these easements expired on November 12, 1982, and the University has received requests from the Ohio Power Company and United Telephone Company of Ohio to renew the easements for a period of fifteen years upon the same terms and conditions as the original easements; and

WHEREAS the standard rate for consideration of said easements recommended by the Department of Administrative Services is $1,115.85; and

WHEREAS the utility lines for which the easements are requested serve only University facilities; and

WHEREAS the appropriate University agencies 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 the easements.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 83-85

RESOLVED, That the report on the University's Investment Portfolio, dated January 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 Friday, March 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  Warren J Smith
Secretary       Chairman
THE OHIO STATE UNIVERSITY

OFFICIAL PROCEEDINGS OF THE

ONE THOUSAND ONE HUNDRED AND EIGHTY-SEVENTH MEETING

OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 4, 1983

The Board of Trustees met at its regular monthly meeting on Friday, March 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Vice Chairman, D. James Hilliker, Daniel M. Galbreath, Edmund C. Redman, John W. Berry, and Shirley D. Bowser.

* * *

Minutes of the last meeting were approved.

* * *
March 4, 1983 meeting, Board of Trustees

Dr. Jacob, Vice Chairman, called the meeting of the Board of Trustees to order at 11:50 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.


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Dr. Jacob, Vice Chairman, reconvened the meeting at 1:30 p.m., and called on President Jennings to present his agendas.

President Jennings:

Yes, thank you, Mr. Chairman. I would like to call on Vice President Diether Haenicke to report on the graduate-professional education ratings that were recently completed at the national level.

AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES

Dr. Haenicke:

Mr. President, members of the Board, I would like to give you a brief report on the charts that you will find assembled in the blue folder that by now should be in front of your seats, and let me make the following observations.

Once during every decade, the American academic community engages in a widely debated ritual called 'A Rating of Graduate Programs.' These ratings are sponsored by different agencies. A report produced by Roose-Anderson and sponsored by the American Council on Education was issued some ten years ago and hotly debated at the time, but provided for many years the basis for a reputational assessment of Ph.D. programs in this country.

The latest attempt to rate Ph.D. programs was sponsored by the Conference Board of Associated Research Councils, which included the American Council on Education, the National Research Council, and the Social Science Research Council. This study 'focuses only on programs awarding research doctorates and their effectiveness in preparing students for careers in research... Other purposes of graduate education are acknowledged to be important,' but they are not considered in this assessment.

Disciplines were chosen from the biological, mathematical, physical, social, and behavioral sciences; the arts and humanities; and engineering. The disciplines included were chosen primarily on the basis of the number of doctorates produced. They finally chose 32 disciplines. Ohio State offers Ph.D.s in 84 separate programs of which 38 were assessed. The reason the number of Ohio State programs included exceeds the number of disciplines is that in some of the physical and biological sciences we have more than one program related to a given discipline.
Dr. Haenicke (contd):

Examples:  Botany and Plant Pathology
Biochemistry and Physiological Chemistry

In each discipline, programs invited to participate in the study were those that accounted for at least 90 per cent of the doctorates awarded in that field FY 1976-1978. This means that all of the large major comprehensive universities like Ohio State were involved, as well as many of the smaller more specialized universities and institutes like the California Institute of Technology.

In contrast to the Roose-Anderson study (1970) that focused solely on subjective reputational ratings, this study provided 12 measures for all disciplines.

- Three measures on the size of each program in terms of faculty, current enrollment, and number of recent Ph.D. graduates.
- Four measures of characteristics of those program graduates.
- Four questions asking the faculty invited to rate each program about their perceptions of the quality and effectiveness of the program, recent change in the quality of the program, and their degree of familiarity with the program.
- An index of Library size.

In addition, for the sciences and engineering there were:

- 2 measures of research support and
- 2 measures of publication.

Each participating university was invited to recommend members of its doctoral faculty in each discipline to serve on that discipline's panel of reputational raters. No rater rated his own program.

The relative rating of our University in this latest study has attracted the attention of the local press and has led to significant debate among the faculty and various other groups on campus. Although the authors of the study warned against focusing on a single program measure, the interest in the public and the academic media—as expected—has focused on measure 8: 'The scholarly quality of program faculty.' It should be understood that among all the 'reputational' measures this one, the quality of the doctoral faculty, draws the most intensive discussion in academic circles and is probably at the same time the most difficult one to document. However, the reputations of departments are largely based on this measure.
We believe that, unless they have direct knowledge, graduate students choose departments more frequently than not with regard to this particular aspect; and we similarly believe that faculty advising undergraduates about taking graduate studies at other institutions are largely guided by this reputational factor, I am, therefore, basing this presentation today exclusively on this particular aspect.

The following nine charts which you will find in the booklet on your desks have been compiled by Dean Poland of the Graduate School, and I would like to offer some brief comments on each of the charts.

1. This chart presents a summary showing the overall ratings for the Big 10 universities and the universities in the State of Ohio together with the number of programs rated in each university. The summary shows that Ohio State and six of the nine other Big 10 universities have overall ratings of ‘good’ across the whole spectrum of disciplines rated. The highest possible rating any program could receive was ‘distinguished,’ which necessitated a mean rating of 4.6 or better. The highest possible rating was 5.

What this chart further shows is that The Ohio State University had more programs rated than any other university represented in this table. It also clearly indicates that it has the strongest academic programs of all universities in this state.

2. Chart 2 shows the ratings of Ohio State’s individual programs. Of the 38 programs rated, two are considered strong, 23 are rated good, and 13 are rated adequate. I think we can take particular pride in this assessment which tells us that not a single one of our Ph.D. programs has a reputation of being marginal and that the majority of them are considered ‘good’ or ‘strong.’

3. Chart 3 shows a comparison of overall Big 10 rankings based on ratings from the Roose-Anderson report (1970) and this new study. What it shows is that the general scene, as far as reputational rankings in the various disciplines go, has remained significantly stable.

The next five charts are graphic displays of our programs by college or discipline groupings. Each display shows Ohio State’s reputational rating in the context of the highest and lowest rating for that discipline within the Big 10 universities.

4. Chart 4 shows the various disciplines grouped under the arts and humanities. In eight out of nine fields we are well within the envelope of our sister institutions.
AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES (contd)

Dr. Haenicke (contd):

5. Chart 5 shows the basic life sciences. Here the picture is slightly different. In six out of nine fields we find ourselves outside the envelope of our sister institutions. However, we should note that even in this area, two programs are rated ‘good’ and the other four are rated ‘adequate.’

6. Chart 6 shows a very positive picture of the mathematical and physical sciences. Each and every one is well within the envelope of the Big 10 with chemistry rated very high.

7. Chart 7 shows the social and behavioral sciences which house geography, one of the two departments in the University rated as strong. Again, all departments rated are well within the envelope of the sister institutions with the exception of anthropology; but again note that the Anthropology Department is rated adequate in the overall assessment.

8. Chart 8 shows the doctoral programs rated in the College of Engineering. Again, the picture is most pleasing since all of our programs are well within the envelope.

As I said in the beginning, the reputational ratings are very difficult to substantiate and document, and it is nearly impossible to achieve broad consensus on these ratings in the academic world. The temptation to use these ‘ratings’ and change them into ‘rankings’ will always remain strong. I would, and so would most of my colleagues, discourage a straight-out ‘ranking’ of universities or even particular disciplines based on this one selected reputational measure. The range of measures used in this particular survey is broad, and it takes significant statistical knowledge and sophistication to interpret the very complex data compiled in these five volumes.

What is perhaps a good question to ask at the end of these observations is: ‘In what group of universities are we settled if we look at the overall picture of institutions of higher learning in the United States?’ For this purpose, Chart 9 is included with a statement from John Williamson in the Miami Herald. If one were to pick the top 30 U. S. universities (and let us remember that we are now talking about close to 200 bona fide universities in this country), the name of our university would, in the opinion of most serious scholars, typically come up in such a list. The chart with the title ‘Pecking Order of the Elite’ gives a suggested picture of the leading research institutions in the nation, Ohio State University being one of them. As you study the list you will see that it includes the names of the famous private institutions whose history extends much further into the past than ours, whose funding is very different, and whose mission clearly differentiates them from ours. I think we can take significant pride in the fact that if you separate the private from the public institutions we are clearly among the country’s most prominent public land-grant institutions.
March 4, 1983 meeting, Board of Trustees

AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES (contd)

President Jennings:

Mr. Chairman, I asked our people to put this together so that we could attempt to put The Ohio State University in a context where we stand not only regionally, but nationally. It is important to emphasize the caveats that Diether has put on this; this is--these are very difficult items to measure. As I am sure first of all, all of you are aware now, while this was 32 programs, it's enormously important to recognize that this is less than half of the graduate programs at Ohio State University, that even this analysis does not include the extent, the extensive nature of Ohio State. I think it is also important as Diether mentioned that of--in Chart 9, of the thirty universities mentioned in Chart 9 roughly fifteen are private institutions or roughly half are private institutions, with a substantially, substantially different mission and responsibility than exists in the public sector. It is enormously important to recognize that when you are ranking graduate schools and when you rank schools like Ohio State and another private institution, we are an institution with roughly 47,000 undergraduate students compared to some of the lesser institutions on the east coast that you see there, you couldn’t put three or four of them together and get that many undergraduate students--very important to recognize that as well as the private activity. Terminology is also important. You heard Dr. Haenike mention the ‘adequacy’ of several programs; the term ‘adequate’ was used. But that is ‘adequate’ within a context of the major universities of America. It is not within a context of ‘adequate’ within the industry of higher education, it is within the major, major institutions of America. To be adequate in--with that sort of competition from Harvard and Yale--and Case Western here in our own state of Ohio, Cal Tech, Berkeley, Stanford and so on, is adequate is perhaps a poor choice of words within that context. It is also, I think, enormously important to emphasize that this has been indeed an independent rating, this is not Ed Jennings or Ohio State or this Board or Diether saying this. This is the United States and the academic community saying this. This is not self aggrandisement, this is an independent study that Diether--mentioned he would not have been allowed to rank Ohio State’s German Department; had business been included I would not have been allowed to rank Ohio State’s business program. This is--and in that context it does represent the peer review, and that we can be extremely proud of this situation; these are fine distinctions. There are many distinctions to be made but clearly Ohio State is in a group of major universities in the United States which indeed implies in the world, and I frankly think we can be enormously proud of what has come out of this situation, particularly considering the public nature, the heavy undergraduate activity, our sheer size, and the competition with which we were compared. I frankly think this is a—we should all recognize that is indeed a great university and this independent ranking confirms it.

If there’s no more questions we now get an opportunity to have that confirmed further. The College of Medicine was not part of this as were several of the professional schools were not part of this, but I have asked Jim Garland and Manny Tzagournis to give you a brief update on what I think is--can be--one of the most exciting innovations in medical technology that we have seen in many, many
March 4, 1983 meeting, Board of Trustees

AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES (contd)

President Jennings (contd):

years or will see in many years to come, and Ohio State is part of this because of its excellence in the College of Medicine. But I also might add Jim, I don’t mean to leave you out in physics and chemistry, etc. Can you tell us, Jim, about Nuclear Magnetic Resonance—have I got it right?

NMR SCANNER

Dr. Garland:

Thank you. It's a pleasure to come before you all and tell you about our new plans in this area. Basically, the reason I am here is to announce the University's intention to make a major commitment to a new area of medical research. The area is known as Nuclear Magnetic Resonance Imaging or NMR Imaging; and as President Jennings said, it is a brand new development in medical technology and in the written field of Radiology. There has been enormous interest, very recently, in the medical community and also in the public about this new technology, and I thought I'd just read you a sentence from a recent article in the New York Times, which says (this is a few weeks ago) 'Radiologists say they have developed another revolutionary technique for medical diagnosis that they expect to perform significantly better and more safely than the advanced CAT scanners that overtook the field only a decade ago.' I discovered when reading accounts of this that the word 'revolutionary advances' is almost inevitably used, and I think it is important to understand that we are not talking about just another medical doo-dad, this is really a significant step in technology. The technology is so new that it has not yet been approved for clinical use by the FDA. Our interest at Ohio State in this technology is because of its research use in the health sciences, also in the biological sciences, and as President Jennings alluded to, even in the physical sciences. I think in future years there is no question that this technique is going to have widespread clinical application, but our immediate interest is in its research use.

Now, as part of our commitment to the new area, we are purchasing a new instrument, called an NMR scanner, which is used to obtain images of the internal parts of the body. We've evaluated the bids from the handful of manufacturers that make these scanners, and it appears that the low bidder is the Technicare Corporation of Cleveland, Ohio. Technicare is a subsidiary of the medium-sized, high technology medical instrument company, it is a subsidiary of Johnson & Johnson. I want to stress that our proposed arrangement with Technicare encompasses far more than just a purchase agreement. We really envisage establishing a relationship with this company to do research for them in the whole area of nuclear magnetic resonance technology.

Now, let me show you what one of these machines looks like. Here, I think I just pushed the button. Superficially, you see it resembles a CAT scanner, for those of you that have seen a CAT scanner. It has a large gantry and then there is a housing for the patient, who then slides inside this housing. That housing does not
March 4, 1983 meeting, Board of Trustees

NMR SCANNER (contd)

Dr. Garland (contd):

contain x-ray tubes as a CAT scanner does, it contains a large electromagnet. The electromagnet is actually made out of a superconducting wire, it's a niobium titanium alloy and it's kept cold by being immersed in a bath of liquid helium at a temperature of about 4° above absolute zero. The output of the machine appears on a video screen and this part of it resembles what you might see in a CT scanner, although the resemblance is actually, if you'll forgive the expression, skin deep. I think the internal workings of the machine are quite different.

Now, before showing you a little more about this technique, I would like to introduce you to a couple of individuals who have been instrumental in putting together this new area of research at Ohio State. You know Dean Tzagournis, so I won't bother to introduce him to you; but you may not know Dr. A. J. Christoforidis, who is the new Chairman of Radiology at Ohio State; and I'd also like to introduce (if I can find him) Dr. Arny Deutchman, behind you, who is a new Assistant Professor of Radiology; he has been very interested in this technique. And then finally, we've recently hired a new faculty member at Ohio State to direct our program in NMR imaging and that's Dr. Bill Hunter. In fact, I would like Bill to come up here for a minute. I think it's appropriate to use him as a test case. I would like to show you a photograph of Bill on the next slide that is taken with one of the Technicare machines. That is obviously the side view of his head (I think you can see the resemblance). I'd like to stress now that this is not the kind of photograph that you would see with an x-ray machine. In a conventional x-ray that we are accustomed to seeing, what you see is the whole side view of a person's body superimposed on each other. What you are seeing in this photograph, if you look at Bill for a second here, is about a two millimeter wide slice down his head, from back to front. It is an extraordinary resolution. Now notice that the image that you see shows very clearly the distinction between gray tissue and white tissue in the brain, it shows the ventricles of the brain. I think you can appreciate with the kind of resolution that is attainable in this technique that its applicability in cancer research for the diagnosis of tumors; in cardiology, we can also take photographs of the heart; in (as you will see in a little bit) arthritis research, physical medicine and sports injuries, in almost the whole area of medical research this type of diagnostic tool provides a significant major advance. It's possible to measure fatty deposits on the walls of an artery; it's possible to apply chemotherapy to a cancer patient, and instead of waiting months to see the results of the chemotherapy you can see the results in a matter of days. To the best of our knowledge it is a safe technique, there is no x-radiation involved in it.

Next slide shows a picture of the spine (this is Bill's spine, I believe) and you can see the spinal cord, in essence you are looking through the spine and the spinal cord. Again, this technique is very valuable in looking at soft body tissues. It is an area in which traditional x-ray techniques simply do not work.

Then in the next slide, here is a picture of knee joints. And it can show the cartilage and the tendons connected to the knee; it can show inflammations. Again, this is a kind of picture that really is not possible to obtain by other types of techniques.
March 4, 1983 meeting, Board of Trustees

**NMR SCANNER (contd)**

Dr. Garland (contd):

Just to give you one other idea of this technique, I am going to show you a few seconds of a video tape, let's see if you can turn this off and put on the video tape. Now, this is going to be a series of head shots that were taken with--I think this is Bill's head again. What you are going to see is a top view of his head and also side view and back views, and this was all taken from one scan of the machine, so this kind of information is stored in the computer memory. OK, now you see in the upper left there, that is going to be the top view, side view is on the right, and on the bottom is a back view. OK, now we are going to show the top view and now here is the bottom of Bill's head and now we are moving up through the top, as you can see, that's right, and sliding up. And now there you see his nose is beginning to appear. OK, now you'll see ears beginning to show, and now there comes the brain and you'll see the spinal cord down at the bottom.

Dr. Deutchman: These are one millimeter thick slices.

Dr. Garland:

That's right. One millimeter thick. OK. Now, there are the ventricles in the brain in the center there, two sides of the brain. OK, now we are moving up through the top. It is black hair. OK, now here is a side view going from one side to the other. In one ear and out the other, that's right, here we go, there's his right eye, and we'll see his nose begin to appear, left eye. You can imagine if Bill had a brain tumor we'd be able to see it instantly on this type, no invasion of the body at all. And now, here is a back view, back to front. OK. This is a fairly low resolution image. Here we come starting at the back, OK, the back of his skull moving towards the front and you can see the spinal cord developed there. OK, there it is, the spinal cord. Ear is coming out, moving towards the front, now you see the mouth cavity, there are the back of the eyes. OK, that is enough of the video tape. It is also possible--someone get the projector there. Turn the lights on if you would. There are other things that we haven't shown you on the machine. You can construct what are called real-time images; you can see a heart beating. It's possible, for example, to see the arteries in the heart dilate right before the heart muscle contracts and you can see damaged heart valves, you can see arterial damage. It is also possible to have the computer construct three-dimensional images and then rotate those images so that you can get perspective views of it. It's an extraordinary--I think you will agree it's an extraordinary technique.

Now, a few details about our--about the purchase of the machine. The list price of one of these machines that we are interested in is around somewhere between $1.5 and $1.8 million. Now, we are buying this as a package with some other medical instruments that have been approved by the University Hospitals for some time, and by buying it as a package we are able to effect a substantial discount. I don't know how much precisely, because we don't-in the package we don't break it down on an item by item basis, but it's a savings on the order of half of what the actual retail price of the machine is. In the negotiated agreement
March 4, 1983 meeting, Board of Trustees

NMR SCANNER (contd)

Dr. Garland (contd):

a research--mutual research contracts are part of the agreement. I want to stress again that's very important to us at Ohio State. Also mention that this instrument is being paid for out of University funds, and not patient charges, and that's important to assure its use as a research instrument. And we have also been promised very early delivery on the instrument by the corporation. Our agreement contains an option to buy a second generation machine down the road several years at a very favorable price. Now, we are still working out the details of where we are going to locate this machine. There are three possibilities currently under consideration. One in Means Hall, one in University Hospital, and the other in Wise-man Hall. We are working with the Technicare people to decide what the optimal site is. As it turns out there are fairly stringent technical requirements on the location of the site for this type of instrument.

I might also mention that there are only a handful of other institutions in the country that have machines of this sort, but to my knowledge none of them will really have as sophisticated a machine as will be acquired at Ohio State. Massachusetts General Hospital has one, University of Pennsylvania, Case Western Reserve and the Cleveland Clinic have them because of their close proximity to Technicare which is in Cleveland. And University of California-San Francisco has one. There are probably a hundred others, machines on order now by universities and hospitals around the country, even though they are not yet approved for clinical use on patients. I think you will be hearing a lot more about this technique in the months and years to come, but I thought you might be interested in getting a preview at this time. Thank you.

President Jennings:

Thank you Jim. That is--it is very exciting, I--as you saw--and please--they can all do better, but this is, I think truly describes when we in the academic world talk about the cutting edge of research and basic research. This is the type of activity that our people all over the institution are exploring. The soft tissue is, perhaps, at least in my mind, the most impressive aspect of this is where the exploratory surgery could become less frequent than is the case. Just as important is the relationship being developed on a business--industry and research activity that you bring together a university and a major high technology corporation, in this way it does represent some of the fruits of what we have been talking about for quite a long while, and I look forward to many, many more of these relationships that can develop. Very impressive Jim, Manny, I still can't pronounce it--but this is the type of thing that will push those ratings that you saw on the half hour ago even further, further up because it can become enormously important in years to come. We thank you folks for that, very impressive, very impressive.

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March 4, 1983 meeting, Board of Trustees

ADDITION OF NEW RULE AND AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 83-86


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 new rules and 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 February 12, 1983, as follows:

NEW RULE

3335-5-452 Secretary of the university senate.

(A) The secretary of the university senate shall be a tenured member of the regular faculty, appointed by the president from three nominees submitted by the steering committee. The term of office shall be for three years. Prior service as secretary need not preclude nomination to this office. During the term of office the secretary shall be reassigned for fifty per cent of time to the office of the university senate.

(B) The responsibilities of the secretary of the university senate will be to:

(1) Coordinate the responsibilities of the office of the university senate as described in rule 3335-19-09 of the Administrative Code.

(2) Issue notification of senate meetings, agenda, and reports of senate actions in accordance with rule 3335-19-11 of the Administrative Code.

(3) Serve as a voting member of the program committee and the rules committee and an ex officio, non-voting member of the steering committee of the university senate.

(4) Serve, upon request, as a resource person for duly established university and senate committees.

(5) Keep the records of the meetings of the university senate and furnish to the president for report to the board of trustees all matters passed by the university senate requiring board of trustees approval or action.

(6) Serve as secretary of the university faculty in accordance with rule 3335-5-21 of the Administrative Code.
March 4, 1983 meeting, Board of Trustees

ADDITION OF NEW RULE AND AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

AMENDED RULES

3335-5-21 Secretary.

The secretary of the university faculty shall be the secretary of the university senate (in accordance with rule 3335-5-452 of the Administrative Code). The secretary shall keep the records of the meetings of the university faculty and shall furnish to the president for report to the board of trustees all matters passed by the university faculty requiring board of trustees approval or action.

3335-9-04 Specific admission requirements.

(A) Undergraduate student. For admission as a regular undergraduate student, a candidate must be a graduate of a high school (or equivalent preparatory school), or must have passed equivalent entrance examinations. For unconditional admission the candidate must present a minimum of fifteen high school units distributed in accordance with a preparatory curriculum approved by the university faculty and must meet the special requirements of the college or school the candidate desires to enter, subject to such deficiencies (or conditions) as that college or school may permit (see also rule 3335-9-24 of the Administrative Code). The preparatory curriculum is not required for the unconditional admission of regular undergraduate students with high school graduation prior to April 1, 1984.

For admission as a special undergraduate student, a candidate must satisfy the vice president for academic affairs and provost, or designee, that the candidate is qualified to undertake the special program desired.

(C) Professional student. A candidate for admission as a regular or special student in a professional program must meet the pre-professional requirements of the school, college or division of a college the candidate desires to enter. If the candidate does not meet the pre-professional requirements, the candidate may be admitted subject to such deficiencies (or conditions) as that school, college or division of a college may permit.

(D) Transient student. To be considered for admission as a transient student, the candidate must present a brief, definite program endorsed by the president or dean of the student’s university or college. Where this and all other pertinent matters are satisfactory to the director of admissions, the candidate may be admitted unless there is objection by the college, school or division of which the candidate seeks admission.

3335-9-06 Admission to advanced standing.

(A) An applicant presenting credentials for admission to advanced standing as an undergraduate student will in general be refused admission unless the applicant’s record is at least “C” as an average of all courses undertaken.
(B) The director of admissions may admit an applicant who does not fully meet this standard, provided the applicant's record is one that shows progressive improvement and provided the total credits allowed shall not be more than one-half the credit points counted on the applicant's complete record.

(C) An undergraduate applicant having fewer than ninety transferable quarter credit hours at the time of first enrollment shall be subject to the provisions of rules 3335-9-04 (A) and 3335-9-25 (B) of the Administrative Code.

3335-9-10 Removal of entrance conditions.

Entrance conditions assessed against students at the time of admission or transfer to a college may be removed by the assistant vice president for registration services, when the dean of a college in which the conditioned student is registered has certified to the director of admissions that the deficiencies have been made up. The methods to be followed in making up entrance conditions shall have the joint approval of the director of admissions and the dean of the college concerned and, for undergraduate students, shall be in accordance with policies established by the council on academic affairs in consultation with the council on admission and registration. Removal of entrance conditions shall take precedence over the student's regular college schedule. If credits earned in the university are to be substituted for such deficiencies, five quarter credit hours and ten credit points shall be added to the graduation requirements of the conditioned student for each unit of entrance condition to be removed by this method.

3335-9-25 Academic probation.

(A) Any student who has accumulated fifteen or more deficiency points shall be placed on probation. The probation shall continue provided the student's college considers the student's progress to be satisfactory and shall be removed when the deficiency points are fewer than fifteen. The student shall be notified of probationary status by the dean of the college or the director of the school in which the student is registered, except as provided in rule 3335-9-27 of the Administrative Code. Such notification shall include a clear statement of what shall be considered to be satisfactory progress.

(B) Probation by special action. If at any time the preparation, progress, or success of a student in an academic program is determined to be unsatisfactory, the college or school in which the student is registered shall be empowered to place the student on academic probation. An undergraduate student admitted with conditions and who has not satisfied the conditions after earning thirty quarter credit hours through regular course enrollment at this university shall be placed on academic probation.
March 4, 1983 meeting, Board of Trustees

ADDITION OF NEW RULE AND AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

(C) Requirements and definition. In order to remain in good standing in the university a student must maintain a point-hour ratio (see rule 3335-7-26 of the Administrative Code) of at least 2.00. Deficiency points are applied only to the records of students whose point-hour ratio is below 2.00 and are defined as the number of credit points a student would have to earn to bring the student's point-hour ratio up to that level. Deficiency points may be calculated by subtracting the total number of credit points earned from twice the total number of credit hours attempted for which calculable grades ("A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," or "E") were given.

3335-9-30 Requirements for an undergraduate baccalaureate degree.

To obtain an undergraduate baccalaureate degree from this university, an undergraduate student must:

(C) Have satisfactorily completed the number of credit hours required for the curriculum being pursued. The minimum number of credit hours required in each curriculum shall include the credit hours required under rules 3335-7-06 and 3335-7-07 of the Administrative Code. Credit hours required to satisfy admission conditions shall not be used to satisfy the requirements of rules 3335-7-06 and 3335-7-07 of the Administrative Code. Credit hours are considered as "satisfactorily completed" only if the student has received, at this university, the mark "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," "EM," "K," "S," or "PA" in those hours (see rule 3335-7-21 of the Administrative Code).

NOW THEREFORE

BE IT RESOLVED, That the new rule and amendments to 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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DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 83-87

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

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March 4, 1983 meeting, Board of Trustees

DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT (contd)

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 March 18, 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. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 83-88

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:

Helen G. Edmonds 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. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-89

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Reappointment of Directors of Institute and Center; Leaves of Absence Without Salary; and Emeritus Titles are recommended for approval.
March 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 4, 1983 meeting of the Board, including the following Appointments; Reappointment of Directors of Institute and Center; Leaves of Absence Without Salary; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>College</th>
<th>Effective</th>
<th>Salary</th>
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</thead>
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<tr>
<td>RICHARD E. BOETTCHER</td>
<td>Dean</td>
<td>Social Work</td>
<td>July 1, 1983</td>
<td>$60,000.00</td>
</tr>
<tr>
<td>RODNEY J. HARRISON</td>
<td>Acting Vice Provost for Student Affairs</td>
<td>Academic Affairs</td>
<td>March 1, 1983</td>
<td>$53,640.00</td>
</tr>
</tbody>
</table>

Reappointment of Directors of Institute and Center

July 1, 1983 through June 30, 1987

Agricultural Technical Institute: Dan M. Garrison

October 1, 1983 through June 30, 1987

Center for Women’s Studies: Marlene Longenecker

Leaves of Absence Without Salary

DEVON W. MEEK, Professor, Department of Chemistry, effective March 1, 1983 through March 31, 1983, for personal reasons.

GERALD C. GROOMS, Associate Professor, Cooperative Extension Service, effective May 5, 1983 through August 3, 1983, for personal reasons.

JOSEPH NEISENDRORFER, Associate Professor, Department of Mathematics, effective October 1, 1983 through December 31, 1983, to visit the University of Western Ontario.

MARGARET D. OUELETTE, Instructor, School of Nursing, effective April 1, 1983 through June 30, 1983, to complete requirements of the graduate school.
March 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

GEORGE JAMES BART, Department of Botany (Mansfield Campus), with the title Assistant Professor Emeritus, effective January 1, 1983.

WILLIAM J. GRIFFITH, Office of Campus Planning and Space Utilization, Assistant Vice President Emeritus, effective March 1, 1983.

Upon motion of Mrs. Bowser, 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. 83-90

Synopsis: Resolutions honoring the service of three of this 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 foregoing resolution was adopted by unanimous voice vote.

Richard Heinley Baker

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 4, 1983 of Richard H. Baker, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Professor Baker, agriculturalist, born 1908, Seneca County, Ohio; received the Bachelor of Science degree in 1930, Master of Science degree in 1938 and the Doctor of Philosophy degree in 1948, all from The Ohio State University. Following the baccalaureate degree he spent a year studying large scale and corporate farming as organized in the mid-western, western and southern areas of the United States. This study and interest in large scale farming operations was reflected throughout his professional career. During the early depression years Dr. Baker served as a land use consultant with the Natural Resources Board and later with the Resettlement Administration and Farm Security Administration.

Joining the Department of Agricultural Economics and Rural Sociology in 1937 he made influential contributions with his study of dairy farm production costs and analysis. Labor simplification, farm worker safety, farm accounting, and taxation were productive areas of
March 4, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Richard Heinley Baker (contd)

his work. He was recognized as being especially helpful in the development of a computerized linear programming price mapping technique for farm planning and decision making. During the several years prior to and following retirement he made significant contribution in the development of a series of educational income tax programs. These programs are recognized as being very useful by farmers, tax practitioners and Internal Revenue Service representatives.

Until his untimely death, his income tax expertise was appreciated by those seeking an inciteful understanding of the income taxation provisions.

Farm accidents and farm fatalities resulted in a national awareness of the need for a meaningfull educational effort. His study of farm safety and contribution to the safety program resulted in the prevention of much human suffering, loss of life and productivity. As a result of this contribution, he was involved in The President's Conference on Occupational Safety during the Eisenhower presidency.

Professor Baker shared his scholarship with all who came to know him and was an excellent representative of the University community. His open, friendly manner and sincere personal interest in others caused all of us who knew him to value his counsel and to mourn his passing.

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 our expression of the Board's heartfelt sympathy.

Lawrence A. Larrimer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 28, 1983, of Dr. Lawrence A. Larrimer, Associate Professor Emeritus in the College of Dentistry.

Dr. Larrimer received his D.D.S. degree from The Ohio State University in 1933.

Dr. Larrimer was a member of the faculty of the College of Dentistry from 1946 until 1975 when he retired.

Dr. Larrimer was a member of the First Community Church, Sigma Nu Fraternity, Omicron Kappa Upsilon Honorary, the American Dental Association, Ohio Dental Association, Columbus Dental Society, Major U. S. Dental Corps WW II, past commander of Upper Arlington Post No. 443 American Legion.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.
RESOLUTIONS IN MEMORIAM (contd)

Jennette A. Stein

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 16, 1983, of Jennette A. Stein, Professor Emeritus in the School of Health, Physical Education and Recreation.

She was educated at The Ohio State University and received her B.S. degree in 1926 and her M.A. degree in 1933.

In 1930 she was appointed an Instructor in the Women's Division of the Department of Physical Education. She became Associate Professor in 1946 and Professor in 1960.

Professor Stein's interests and efforts were primarily in undergraduate education. For many years she had the administrative responsibility for the required program in physical education for women. She taught in this program and in the undergraduate professional preparation program until her retirement in 1964.

Professor Stein was active in state, regional and national organizations serving her profession.

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. 83-91

Synopsis: The reports on contracts, grants, and gifts and the summary for January 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 month of January 1983, be approved.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the foregoing resolution was adopted by unanimous voice vote.
March 4, 1983 meeting, Board of Trustees

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

SUMMARY FOR JANUARY 1983

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>74</td>
<td>$7,950,375.71</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>28</td>
<td>541,604.00</td>
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<tr>
<td>Ohio Agricultural Research and Development Center</td>
<td>5</td>
<td>263,000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$8,754,979.71</td>
</tr>
</tbody>
</table>

The Ohio State University Development Fund

Establishment of Named Funds

- The Conrad Jess Hilbinger Memorial Fund
  (Undergraduate student scholarships) $100,000.00

- Robert and Marion Gatrell Undergraduate Student Art Award
  (Department of Art) $26,302.00

- The Ida Topper College of Law Faculty Research Fellowship Fund
  (College of Law) $25,000.00

- E. F. and Kathryn M. Wildermuth Memorial Endowment -- Optometry
  (Loans and scholarships - College of Optometry) $11,250.00

- The Law Class of '32 Anniversary Fund
  (College of Law Library) $8,000.00

- The Larry N. Snyder Fund
  (OSU Athletic Department) $6,156.00

- The Virginia Hutchison Bazler Scholarship Fund
  (School of Home Economics) $5,000.00
March 4, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

SUMMARY FOR JANUARY 1983 (contd)

Establishment of Named Funds (contd)

Robert Eugene Johnson Memorial Scholarship
(Department of Theatre) $ 5,000.00

The George P. Pettit, M. D. Scholarship Fund
(Undergraduate scholarships) $ 5,000.00

Change in Name of Fund

From: The Chair in Food Industries
To: Carl E. Haas Chair in Food Industries

Report from Presidents Club

Members to date 4,581
1983 members: year to date 17
New members - January 1983 17

New Presidents Club Members - January 1983

Edward F. Bacher, Jr. Barbara H. Racey (Mrs. Gary L.)
Susan L. Baer Clare E. Rohrer
Lee K. Baker Robert G. Stinchcomb
Dr. Harisios Boudoulas Ruth E. Strader (Mrs. Jack D.)
James M. Hiser Jack D. Strader
William M. Junk Danny Yee
Pamela J. Mascari (Mrs. Samuel J.) Kenneth Yee
Pamela S. Patti (Mrs. Robert W.) James F. Zid
Patricia L. Pohlman (Mrs. James E.)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - January 1983

Federal Research Contracts/Grants


$220,523.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), Department of Pathology (K. P. Clausen), Department of Surgery (W. B. Farrar) and Department of Radiology (F. Batley), 1 January 1983 through 31 December 1983. (Project 761094 - Continuation)


$125,632.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Study of Biologically Active Microbial Metabolites, Department of Chemistry (H. G. Floss), 1 December 1982 through 30 November 1983. (Project 763393 - New)

$114,790.00 - 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 1983 through 31 December 1983. (Project 763416 - New)

Federal Research Contracts/Grants (contd)

$90,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simular, Department of Mechanical Engineering (D. A. Guenther), 1 October 1982 through 30 June 1983. (Project 762594 - Continuation)

$89,850.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, The Effects of Fatigue on Cockpit Communication and Resource Management, Department of Aviation (R. S. Jensen and A. Lerch), 1 January 1983 through 30 November 1983. (Project 763247 - Continuation)

$86,977.00 - 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 January 1983 through 31 August 1983. (Project 763422 - New)

$86,713.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Solution Structure of Ribosomal 5S RNA and 5.8S RNA, Department of Chemistry (A. G. Marshall), 1 January 1983 through 31 December 1983 (Project 762523 - Continuation)

$86,000.00 - Department of the Air Force, Electronic Systems Division, 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), 1 October 1982 through 25 April 1983. (Project 762947 - Continuation)

$84,789.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, 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)


$72,698.00 - National Science Foundation, Washington, D. C., Research in Persuasive Communication, Department of Psychology (A. G. Greenwald), 1 February 1983 through 31 January 1986. (Project 763424 - New)

$65,750.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1983 through 31 December 1983. (Project 763412 - Continuation)

$65,022.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physical Chemistry (J. S. Rieske), 1 December 1982 through 30 November 1983. (Project 762285 - Continuation)

$60,280.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Biosynthesis of Ergot Alkaloids, Department of Chemistry (H. G. Floss), 1 January 1983 through 31 August 1983. (Project 763419 - Continuation)

$57,000.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 April 1983 through 31 March 1984. (Project 761663 - Continuation)

March 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)

$50,000.00 - National Science Foundation, Washington, D. C., Kirkpatrick Basalt Group, North Victoria Land, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and G. Faure), 1 July 1983 through 31 May 1984. (Project 762871 - Continuation)

$49,457.00 - 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 1982 through 14 June 1983. (Project 760222 - Continuation)


$36,247.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Biochemistry of Inhibitors of Estrogen Biosynthesis, College of Pharmacy (R. W. Brueggemeier), 1 January 1983 through 31 December 1983. (Project 762520 - Continuation)

$35,555.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Side Impact Procedure Development, Department of Mechanical Engineering (D. A. Guenther), 17 January 1983 through 30 November 1983. (Project 763399 - New)

$30,407.00 - National Science Foundation, Washington, D. C., Effect of Vegetation Roots on Slope Stability, Department of Civil Engineering (T. H. Wu), 15 January 1983 through 14 January 1984. (Project 762987 - Continuation)

$26,750.00 - National Science Foundation, Washington, D. C., The Banach-Mazur Distance Between Finite Dimensional Spaces and Projection Constants, Department of Mathematics (W. J. Davis), 1 July 1983 through 30 June 1984. (Project 762659 - Continuation)

$26,600.00 - 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 January 1983 through 30 June 1983. (Project 761848 - Continuation)

$25,420.00 - National Science Foundation, Washington, D. C., Cohomology of Arithmetic Groups, Department of Mathematics (A. Ash), 1 February 1983 through 31 January 1985. (Project 763407 - New)
March 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)


$16,578.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Non-Contact Crash Data Acquisition Interface, Department of Electrical Engineering (H. Hemami), 1 January 1983 through 30 June 1983. (Project 762618 - Continuation)

$10,000.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Installation of GEODOP Program at the Nairobi Treasury Computing Center, Department of Geodetic Science and Surveying (I. I. Mueller), 1 January 1983 through 30 September 1983. (Project 763302 - Continuation)


$8,000.00 - Department of the Army, Defense Supply Service, Washington, D. C., Ultrasonic Methods to Study Shadow Boundaries of Diffracting Cracks, Department of Welding Engineering (L. Adler), 1 December 1982 through 31 March 1983. (Project 762638 - Continuation)

$7,580.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, On-Board Portable Data Acquisition and Processing for Vehicle Testing, Department of Electrical Engineering (H. Hemami), 1 October 1982 through 31 January 1983. (Project 762979 - Continuation)

$6,000.00 - National Foundation for the Arts and Humanities, National Endowment for the Arts, Washington, D. C., Film/Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 October 1983 through 31 December 1983. (Project 763414 - Continuation)

$3,738.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Non-Nitrogen Containing Dopamine Agonists, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 December 1982 through 30 November 1983. (Project 762967 - Continuation)
March 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)

<table>
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<tr>
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<tr>
<td>$2,471.00</td>
<td>Environmental Protection Agency, Washington, D. C., Application of Recombinant DNA Technology to Methane Biogenesis, Department of Microbiology (J. N. Reeve), 1 September 1982 through 31 August 1984. (Project 763263 - Continuation)</td>
</tr>
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TOTAL - FEDERAL AWARDS $6,892,501.00

State of Ohio Research Contracts/Grants

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<tr>
<td>$318,410.00</td>
<td>State of Ohio, Department of Natural Resources, Office of Litter Control, Columbus, Ohio, Litter Control and Recycling Education Program, Cooperative Extension State Operations (J. D. Rohrer), 16 January 1983 through 31 December 1983. (Project 763404 - New)</td>
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<td>$69,611.40</td>
<td>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)</td>
</tr>
<tr>
<td>$60,000.00</td>
<td>State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Deinstitutionalization Task Force, Nisonger Center for Mental Retardation (H. Leland), 1 November 1982 through 30 September 1983. (Project 762593 - Continuation)</td>
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<tr>
<td>$4,635.00</td>
<td>State of Ohio, Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, Survey and Protection Policies for Columbus Neighborhood Historic Structures, School of Architecture Administration - City and Regional Planning (S. I. Gordon), 1 January 1983 through 31 August 1983. (Project 763426 - New)</td>
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TOTAL - STATE OF OHIO AWARDS $452,656.40

Industrial Research Contracts/Grants

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<td>$64,646.00</td>
<td>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 January 1983 through 31 December 1983. (Project 763417 - New)</td>
</tr>
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</table>
March 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 (contd)


$8,000.00 - Holstein-Friesian Association of America, Brattleboro, Vermont, Dairymen - Define Breeding Programs, Department of Dairy Science (F. R. Allaire), 1 January 1983 through 31 December 1983. (Project 763398 - New)

TOTAL - INDUSTRIAL AWARDS $ 124,077.45

Other Non-Federal Research Contracts/Grants

$95,258.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1983 through 31 March 1983. (Project 760982 - Continuation)


$82,741.33 - 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), 14 December 1982 through 30 June 1983. (Project 760113 - Continuation)

$39,621.00 - Electric Power Research Institute, Palo Alto, California, Mechanism of Intergranular Corrosion of Inconel 600 Tubing in Power Steam Generators, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1983 through 31 October 1983. (Project 762932 - Continuation)

$30,000.00 - Kappa Delta Pi, Lafayette, Indiana, Workshops and Research Studies, Academic Faculty of Educational Foundations and Research (J. Frymier), 1 January 1983 through 31 December 1984. (Project 763402 - Continuation)
March 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)

$17,755.00 - Electric Power Research Institute, Palo Alto, California, Study of Acid Corrosion in the Clean Gas Saturator or a Coal Gasification Combined Cycle Power Plant, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1983 through 30 June 1983. (Project 763175 - Continuation)

$16,737.00 - University of Illinois, Champaign, Illinois, Second International Mathematics Study, Academic Faculty of Science and Mathematics Education (F. J. Crosswhite), 1 January 1983 through 30 September 1983. (Project 763400 - New)


$13,865.98 - 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 1982 through 30 June 1983. (Project 763289 - Continuation)

$10,750.00 - 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), 1 December 1982 through 30 June 1983. (Project 763370 - New)

$10,000.00 - Deafness Research Foundation, New York, New York, Hemophilus Influenzae Otitis Media: An Animal Model, Department of Otolaryngology (T. F. DeMaria), 1 January 1983 through 31 December 1983. (Project 762545 - Continuation)


$8,400.00 - Institut Teknologi Mara, Shah Alam, Selangor, West Malaysia, Study for Mrs. Ivy C. H. Nadarajah in the Business Education Department and The National Center for Research in Vocational Education at The Ohio State University, The National Center for Research in Vocational Education (R. E. Taylor), 3 January 1983 through 30 June 1983. (Project 763401 - New)
March 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)

$7,625.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Assistant Self-Assessment, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 January 1983 through 31 March 1983. (Project 763054 - Continuation)


$5,765.00 - American Association of School Administrators, Arlington, Virginia, Study of the American Superintendency, Academic Faculty of Educational Administration (L. L. Cunningham), 1 November 1982 through 30 September 1983. (Project 762778 - Continuation)

$5,540.00 - The Columbus Foundation, Columbus, Ohio, Alfred L. Willson Conference on Problem Prevention in Early Youth, Academic Faculty of Educational Administration (L. L. Cunningham), 1 November 1982 through 31 October 1983. (Project 763406 - Continuation)

$5,362.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Alumina Tooth Implantation in Human Subjects, College of Dentistry - Crown and Bridge (M. O. Brose), 15 January 1983 through 15 December 1983. (Project 762936 - Continuation)

$4,000.00 - SME Manufacturing Engineering Education Foundation, Dearborn, Michigan, Optimal Arrangement of Objects such as Patterns in Mold Flasks, Department of Industrial and Systems Engineering (S. C. Sarin), 1 January 1983 through 10 March 1983. (Project 763403 - New)

$3,087.00 - Cedars-Sinai Medical Center, Los Angeles, California, Cooperative Clinical Trial on the Dissolution of Gallstones by Bile Acid Feeding, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1982 through 31 August 1983. (Project 762380 - Continuation)

$1,600.00 - United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, France, Proposal to Develop an International Annotated Bibliography on Technical Teacher Education (R. E. Taylor), 1 January 1983 through 31 March 1983. (Project 763395 - New)

$1,250.00 - Greater Columbus Arts Council, Columbus, Ohio, A Theatre Seminar Festival of the American Experience: The FDR Years: 1930-1945, Department of Theatre (F. H. Brown, Jr.), 19 June 1983 through 14 August 1983. (Project 763396 - New)
Other Non-Federal Research Contracts/Grants (contd)


$286.00 - Cincinnati Resource Development Committee, Cincinnati, Ohio, Data Inventory of Vocational Education in Cincinnati Public Schools and Great Oaks Area Vocational School, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1982 through 31 August 1982. (Project 763224 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS $ 481,140.86

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$23,426.00 - New York State Department of Transportation, Albany, New York, to "Refurbish NYDOT Skid Trailers," Transplex, February 15, 1983 through July 31, 1983. (312767)

Industrial and Other Sponsored Research and Development

$395,000.00 - Fourteen sponsors including Bishopric, Caterpillar, GATAx, IBM, GM, GE, Westinghouse, Standard Oil, Euclid, Deere, TRW, Milicron, Cyclomatic and Reynolds Metals in support of the broad Center for Welding Research investigations for the current fiscal year. Federal support from NSF for FY 83 totals $225,000.00 additional. (529090, 529501-9)

$20,000.00 - The OSU Office of Physical Facilities, Campus, for "Study of Energy Conservation for University Buildings—Program 4244," Department of Mechanical Engineering, January 1, 1983 through May 31, 1983. (529008)

$13,500.00 - AISI, Washington, D. C., for "Experimental Determination of Combustibility," Department of Chemical Engineering, May 1, 1982 through April 30, 1983. (529001)

$89,678.00 - Twenty-three sponsors for 24 development projects under the direction of six engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT $ 518,178.00
March 4, 1983 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contract/Grant


Industrial and Other Contracts/Grants

$7,500.00 - Society of American Florists Endowment, Edwardsville, Illinois, support of a study on inflated tube energy screen for nighttime insulation, Department of Agricultural Engineering, January 1 to December 31, 1983.

$1,000.00 - University of California, Department of Land, Air and Water Resources, Davis, California, continued support of a study on mechanism of frost heave pressures, Department of Agronomy, to January 31, 1983.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS $ 8,500.00

Gifts of $5,000 or More

$6,000 American Cyanamid Company, Wayne, New Jersey

$6,000 Monsanto, St. Louis, Missouri

TOTAL - GIFTS $ 12,000.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Conrad Jess Hilbinger Memorial Fund

The Conrad Jess Hilbinger Memorial Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the estate of Conrad N. Hilbinger, Honolulu, Hawaii, in memory of his son, Conrad Jess Hilbinger.

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 re-invest as occasion dictates.

The annual income shall be used to provide one or more scholarships to qualified students enrolled at The Ohio State University. The selection of the recipient(s) is to be made by the University Scholarship Committee.
March 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 Conrad Jess Hilbinger Memorial Fund (contd)

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 at its discretion.

Robert and Marion Gatrell Undergraduate Student Art Award

The Robert and Marion Gatrell Undergraduate Student Art Award was established March 4, 1983, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the estate of Robert M. Gatrell, Professor Emeritus, M.A., Fine Arts, 1933, 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, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide an award(s), presented annually, at the Student Show in the Gallery of Hopkins Hall. The award(s) is to be presented to an undergraduate student enrolled in the Studio Division of Fine Arts of The Ohio State University and whose major studies are in the studio areas of drawing, painting and graphics. The selection of the recipient(s) is to be made by a balanced studio faculty appointed by the department chairman of the Department of Art, College of the Arts. The number and amount of the award(s) shall be determined each year by the judging committee.

The award(s) shall be presented for works of art that have been entered as exhibits in the annual Student Show. However, should the Show not be held in a particular year, no award(s) shall be given and the income added to the principal of the Robert and Marion Gatrell Undergraduate Student Art Award fund. In the subsequent year, awards not made in the previous academic year can be made providing a student exhibition or student art show is held in addition to the awards for the current academic year.

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(s) of the University then directly responsible for education in drawing, painting and graphic arts.
Establishment of Named Funds (contd)

The Ida Topper College of Law Faculty Research Fellowship Fund

The Ida Topper College of Law Faculty Research Fellowship Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Isadore Topper 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 purpose of this research fellowship fund is to provide financial support for research and writing undertaken by a member of the College of Law academic faculty. Upon the establishment of this endowment fund, the Dean of the College of Law shall appoint a member of the College of Law faculty as the recipient of the fellowship, which faculty member shall retain the fellowship so long as he or she is a member of the College of Law faculty. Should the initial recipient or any successor recipient of this fellowship resign or retire from the College of Law faculty, a successor recipient shall be chosen by a committee made up of those members of the College of Law faculty then occupying Endowed Professorships or Chairs, with consultation and advice from the Dean of the College of Law. If the vote of the committee be tied, the Dean shall cast the deciding vote.

The fellowship shall honor past outstanding service by the recipient as teacher and scholar and in recognition of outstanding community service.

The annual income and/or principal in this fellowship fund shall be used for activities and purposes that will further the recipient's academic research and writing including but not limited to:

1. Release time from teaching duties to pursue research
2. Research assistants
3. Secretarial assistance
4. Mechanical support equipment and facilities, such as computer equipment
5. Travel expenses
6. Attendance at professional meetings and seminars
7. Purchase of books, journals and publications
8. Summer research support

The recipient shall propose to the Dean from time to time, as needed, expenditures from the income and/or principal in the fellowship fund to support his or her research and teaching. The Dean shall approve such expenditures unless they would be clearly inconsistent with the purpose of this fund or unless the expenditure would exceed the principal remaining in the fund. Unused income may each year be added to principal. The recipient of the fellowship shall advise the Dean of the College of Law on a regular basis of the scholarly purposes for which the fellowship has been used.
March 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 Ida Topper College of Law Faculty Research Fellowship Fund (contd)

It is the intention of the grantor that the funds in this research fellowship should supplement and not replace funds which would otherwise be available to the recipient from the College of Law or other sources to support his or her teaching and research.

Should the need for this fund cease to exist or so diminish as to provide unused income or principal, then 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 and faculty of the College of Law.

E. F. and Kathryn M. Wildermuth Memorial Endowment--Optometry

The E. F. and Kathryn M. Wildermuth Memorial Endowment--Optometry was established March 4, 1983, by the Board of Trustees of The Ohio State University with an initial gift to The Ohio State University Development Fund from the E. F. Wildermuth Foundation, Columbus, Ohio, in memory of E. F. Wildermuth, B.A., 1910, Columbus.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 several purposes with the first priority being for loans to optometry students and the second priority for scholarships to optometry students. If the use of the income for loans and scholarships in the opinion of the Dean of the College of Optometry is fully met, the balance of the income from the endowment may be used for other purposes to improve optometric education as, for example, for professorships or chairs to be determined by the Dean of the College of Optometry. The loans and/or scholarships are to be recommended and approved by the Dean of the College of Optometry and repayment of the loans is to be added to the principal of the endowment.

Should the need for this endowment 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 optometric education.

The Law Class of '32 Anniversary Fund

The Law Class of '32 Anniversary Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development
March 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 Law Class of '32 Anniversary Fund (contd)

Fund from members of the Class of 1932 of the College of Law, on the occasion for their 50th Anniversary of graduation from the College of Law.

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

The annual income is to be used to provide support for the library in the College of Law at the discretion of the Dean 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 legal education.

The Larry N. Snyder Fund

The Larry N. Snyder Fund was established March 4, 1983, 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 the late Larry N. Snyder, B.S.Bus.Adm. ’25 (renowned Ohio State and U. S. Olympic track coach), 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 is to be used to enhance the OSU Athletic Department. First preference should be given to the intercollegiate track program. Actual disbursement will be at the discretion of the Director of Athletics.

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 University athletic programs.

The Virginia Hutchison Bazler Scholarship Fund

The Virginia Hutchison Bazler Scholarship Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University Development Fund from Virginia H. Bazler (B.S.H.E. ’54) and Frank E. Bazler (B.S.Bus.Adm. ’51, J.D. ’53).
March 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 Virginia Hutchison Bazler 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 scholarships for students enrolled in the School of Home Economics. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Director of the School of Home Economics. Students who have demonstrated academic ability and have a definite need for financial assistance will be shown preferred consideration for this scholarship.

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 requests and recommendations from the appropriate administrative official of the School of Home Economics.

Robert Eugene Johnson Memorial Scholarship

The Robert Eugene Johnson Memorial Scholarship was established March 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Robert Eugene Johnson, M.A., 1950.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 junior and/or senior student(s) who are majoring in theatre and are maintaining at least a 2.5 cumulative grade point average. Selection of the recipient(s) is to be made by the Chairman of Theatre in cooperation with the Dean of the College of the Arts 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 educating University students in theatre arts.
March 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 George P. Pettit, M.D., Scholarship Fund

The George P. Pettit, M.D., Scholarship Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from George P. Pettit, B.S. '65, M.D. '69, Portsmouth, Ohio.

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 undergraduate scholarships for one or more students, from Pike or Scioto County, going into health related fields. The selection of the recipient(s) shall be made by 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.

Change in Name of Fund

Carl E. Haas Chair in Food Industries

It is proposed that the Chair in Food Industries, established July 11, 1980, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from industry, alumni, and friends of the College of Agriculture, be named the CARL E. HAAS CHAIR IN FOOD INDUSTRIES, in recognition of the generous gift made to the Chair in Food Industries by Mr. Carl E. Haas, B.S. Horticulture, 1918; retired President, The Haas Brothers Company, Cleveland, Ohio.

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

The annual income, when this account becomes a chair, will be used to provide salary and program support for the work of an individual who will provide leadership for the Food Industries Program. Appointment of this chair will be recommended by the Dean of the College of Agriculture and Home Economics 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 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 programs relating to the food industries.
March 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 83-92

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:

AGRICULTURAL ADMINISTRATION BUILDING, 4-H CENTER AREA

Project: Renovations to the east lobby of the Agricultural Administration Building to provide increased visibility and current information concerning 4-H educational programs throughout Ohio.

Funding: Contributions to The Ohio State University Development Fund

Estimated Project Cost: $160,000

MEANS HALL, ROOF REPLACEMENT

Project: Due to weather deterioration, this roof is to be replaced with new roofing and insulation as necessary.

Funding: Local Hospital Funds

Estimated Project Cost: $115,000

OHIO STADIUM, REPLACE HOT WATER LINES AND WATERMAN FARM, GAS LINE INSTALLATION

Project: Replace the hot water lines serving Ohio Stadium from McCracken Power Plant, due to deterioration of the existing lines. For cost effectiveness, install a natural gas line to serve the Waterman Farm Complex, converting the present propane to natural gas.

Funding: Local Contract Repair, 1982-1983

Estimated Project Cost: $80,000
March 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

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 all final actions related to the award of the Agricultural Administration Building, 4-H Center Area will be dependent upon contributions received; and

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

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the foregoing resolution was adopted by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 83-93

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:

ENERGY CONSERVATION MEASURES (ECM-6) (UNIVERSITY HOSPITAL)

Description: Energy conservation measures consisting of reduction of air flow to systems S1, AC1, 4S and 1AC; air flow control for operating rooms, unoccupied shut down for systems 1AH, ADM, 9th floor DX 4AC, 9AC, 73AC; discriminator control for 1AH, add mixed air controls for AC2 and AC3 at University Hospital. This project is a continuation of energy conservation at The Ohio State University and will result in a payback of expenditures in two years, seven months.
March 4, 1983 meeting, Board of Trustees

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

ENERGY CONSERVATION MEASURES (ECM-6)
(UNIVERSITY HOSPITAL) (contd)

Mechanical Contract

Date Received: January 7, 1983
No. of Bids: 3
Low Bid: $ 77,800.00*
High Bid: $ 81,500.00*
Estimate of Cost: $ 88,000.00*
Awarded to: Limbach Company

Electrical Contract

Date Received: January 7, 1983
No. of Bids: 11
Low Bid: $ 9,400.00
High Bid: $ 18,083.00
Estimate of Cost: $ 19,000.00
Awarded to: American Electric Corp.

Total All Contracts: $ 87,200.00
Total Contingency Allowance: $ 13,993.00
Total Project Cost: $115,208.00
Funding: Local University Funds and Federal Grant

*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. Hilliker, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous roll call vote.
March 4, 1983 meeting, Board of Trustees

ACCEPTANCE OF THE GIFT OF PROPERTY
25 ACRES IN GENOA TOWNSHIP OF DELAWARE COUNTY
Resolution No. 83-94

Synopsis: Acceptance of a gift of approximately 25 acres in Delaware County, Ohio, through the establishment of a charitable remainder unitrust is proposed.

WHEREAS Dr. James A. Rumbaugh of Westerville, Ohio, is the owner of approximately 25 acres of property located on Africa Road in Genoa Township of Delaware County and wishes to make a gift of this property for the ultimate benefit of the University through the establishment of an income-only charitable remainder unitrust, with the Treasurer of the University serving as Trustee; and

WHEREAS it has been determined that the acceptance of this gift and the establishment of the income-only unitrust are in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of the University, acting as Trustee pursuant to Resolution 77-22 (Authorization for the Treasurer of the University to Serve as Trustee for Unitrusts and Annuity Trusts) adopted by this Board September 10, 1976, be authorized to accept this gift of property for the ultimate benefit of the University and to execute all documents necessary to complete this gift.

Upon motion of Mrs. Bowser, seconded by Mr. Redman, the foregoing resolution was adopted by unanimous roll call vote.

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GAS LINE EASEMENT TO FREDERICK PETROLEUM CORPORATION
NOBLE COUNTY, OHIO
Resolution No. 83-95

Synopsis: Authorization to grant a continuation of existing gas line easement in Noble County is requested.

WHEREAS the Agricultural Research and Development Center of The Ohio State University has property in Noble County, known as Unit II of The Eastern Ohio Resource Development Center, for the study of strip mining reclamation; and

WHEREAS the University on July 10, 1982 granted an easement for a 4" gas line to the Frederick Petroleum Corporation for the purpose of transmitting and selling natural gas from their wells to Columbia Gas; and

WHEREAS Frederick Petroleum Corporation has requested permission to extend a 2" gas line easement an additional 4100 feet northwest of the existing easement; and
March 4, 1983 meeting, Board of Trustees

GAS LINE EASEMENT TO FREDERICK PETROLEUM CORPORATION
NOBLE COUNTY, OHIO (contd)

WHEREAS this line will be located so as not to interfere with any University operations; and

WHEREAS the Frederick Petroleum Corporation will pay The Ohio State University $5.00 per lineal rod (approximately $1,242) for this easement; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or 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 documents to provide for this easement.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

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

Resolution No. 83-96

Synopsis: Authorization for designated officials to buy, sell, assign and transfer securities, to deposit or withdraw funds from bank accounts held in the name of The Ohio State University, and to designate depositories is requested.

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

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

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

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance and/or the Treasurer be authorized and empowered to buy, sell, assign and transfer any and all stocks, bonds,
March 4, 1983 meeting, Board of Trustees

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

evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

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

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

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

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APPOINTMENT OF INVESTMENT COUNSELORS

Resolution No. 83-97

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 Corporation $19,500,000
Siebel Capital Management, Incorporated $16,000,000
Webster Management Corporation $ 1,000,000
March 4, 1983 meeting, Board of Trustees

APPOINTMENT OF INVESTMENT COUNSELORS (contd)

Reappointment of the following-named investment manager to counsel in non-Endowment investments totaling the initial amount indicated:

Huntington Investment Management Corporation $20,000,000

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

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EXPRESSION OF APPRECIATION TO EDWIN M. CRAWFORD
Resolution No. 83-98

WHEREAS Edwin M. Crawford has served The Ohio State University since 1975 as Vice President for Public Affairs; and

WHEREAS under the leadership of Vice President Crawford many significant changes in the communications and public affairs programs of the University have been developed and implemented; and

WHEREAS the University as well as the community at large have benefited enormously from the presence and substantial contributions of Vice President Crawford during his tenure with this University; and

WHEREAS Mr. Crawford has submitted his resignation from his University position so that he might accept appointment as Director of Public Affairs for the San Diego Hospital Association effective in April, 1983:

NOW THEREFORE

BE IT RESOLVED, That the Board expresses to Edwin M. Crawford its gratitude for his years of excellent and dedicated service to The Ohio State University, and wishes him and his family every happiness and success in their move to California.

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

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REPORT - UNIVERSITY’S INVESTMENT PORTFOLIO
Resolution No. 83-99

RESOLVED, That the report on the University’s Investment Portfolio, dated February 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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March 4, 1983 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 1, 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.
Vice Chairman
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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 18, 1983
Commencement Speaker

Helen G. Edmonds
Doctor of Humane Letters

Dr. Helen G. Edmonds has achieved eminence as a distinguished scholar and as a civic leader. Now professor emeritus of history, Dr. Edmonds was a member of the faculty of North Carolina Central University from 1941 until her retirement in 1977. She served that university as professor of history, graduate professor of history, chairperson of the Department of History, and dean of the Graduate School of Arts and Sciences. From 1971 to 1977 she was University Distinguished Professor. A prolific writer, Dr. Edmonds has written five books and numerous articles on history and international relations.

Dr. Edmonds' scholarly achievements have been matched by her contributions in public service. President Nixon appointed her an alternate delegate from the United States to the United Nations General Assembly in 1970, and she chaired the U.S. delegation to the Third Committee. She served as a member of the National Advisory Council of the Peace Corps, the Social Science Advisory Council to the U.S. Arms Control and Disarmament Agency, and the National Advisory Council to Education Professions Development of the U.S. Office of Education. She has represented the U.S. government on lecture tours in Western Europe and Africa. Among her many other activities, she was national chairperson of the Humanities Bicentennial Celebration of the Association for the Study of Afro-American Life and History.

Professor Edmonds began her academic career by earning a bachelor's degree from Morgan State University in 1933, and then continued her studies at The Ohio State University, receiving her master's degree in 1938 and her doctorate in 1946. The University community takes great pride in bestowing its highest honor on an alumna whose many contributions to higher education and to this nation and its people will stand as a source of inspiration to our students today and in the future.
The Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Abdulahi Ahmed Abdulahi, Columbus; B.S. (Cairo University); M.S.; Civil Engineering; Dr. Komran Majiostadeh

Nasreedin M. Adam, Khartoum, Sudan; B.S. (Alexandria University); M.S. (Bradford University); Agronomy; Dr. Paul R. Henderson

Dennis Ira Aig, Queens Village, N. Y.; B.A. (Queens College of City University of New York); M.A.; English; Dr. Patrick B. Mullen

Douglas Stewart Allen, Florence, Ala.; B.S., M.S. (Auburn University); Zoology; Dr. John D. Harder

Robert J. Armstrong, Columbus; B.A. (Temple University); M.Div. (Princeton Theological Seminary); Education; Dr. William D. Dowling

Linda Smith Bamber, Lancaster; B.S. (Wake Forest University); M.B.A. (Arizona State University); Accounting; Dr. Thomas J. Burns

Kamran Barin, Tehran, Iran; B.S. (University of Missouri); M.A., Diploma (The Western Reserve University); Dr. Don W. Miller

Aliroza Bebahani, Tehran, Iran; B.S. (Utah State University); M.S.; Nuclear Engineering; Dr. Don W. Miller

Jennifer Anne Bell, Jamaica, West Indies; B.A. (Honors), M.A., Diploma (The University of the West Indies); Education; Dr. Lonnie H. Wagsafl

John Robert Bowman, Red Springs, N. C.; B.A. (University of Kentucky); M.S. (Florida State University); Sociology; Dr. Alfred C. Clarke

Karen S. Brady, Glendale, Calif.; B.A. (University of California, Los Angeles); M.A. (University of California, Davis); M.S. (California Polytechnic State University); Agronomy; Dr. Jerry M. Bigham

James Charles Brown, San Francisco, Calif.; B.A. (University of California); M.S. (San Francisco State University); Physics; Dr. Richard G. Seyler

Michael D. Bush, Colorado Springs, Colo.; B.A. (Brigham Young University); M.B.A. (University of Missouri); Education; Dr. Gilbert A. Jarvis

Robert S. Carpenter, Columbus; B.A. (Brooklyn College); M.S.W.; Health, Physical Education, and Recreation; Dr. Robert Kaplan

Vivien Ordona Canora, Cebu City, Cebu, Philippines; B.A., M.A. (University of San Carlos); M.A.; Agricultural Economics and Rural Sociology; Dr. Ted L. Napier

Li-Kow Chang, Tung-Sung, Taiwan, R.O.C.; B.S.Ch.E. (National Taiwan University); M.S.Ch.E. (University of Arkansas); Chemical Engineering; Dr. Robert S. Broderick

Woo Hyun Cho, Korea; B.A. (Seoul National University); M.A. (The State University of New York); Economics; Dr. Donald O. Parsons

Tai-Taen Chu, R.O.C.; B.S. (National Cheng Kung University); M.S. (Old Dominion University); Electrical Engineering; Dr. Walter D. Burnside

Henry Wei-Ming Chang, Tainan, Taiwan, China; B.S. (National Tsing-Hua University); M.S. (The University of Texas); Metallurgical Engineering; Dr. Digby D. MacDonald

Shamita Das Dasgupta, Calcutta, West Bengal, India; B.S., M.A.; Psychology; Dr. Henry R. Angelino

Alan Angelo DiSpirito, North Smithfield, R. I.; B.S. (Francis College); M.S.; Microbiology; Dr. Oli H. Tsuchiyama

Daniel Chalamer Douglas, Columbus; B.S.; M.A. (Chapman College); Education; Dr. Walter G. Hack

Frederick Douglas, Jr., Philadelphia, Pa.; B.A. (St. Augustine’s College); M.Ed. (West Chester State College); Health, Physical Education, and Recreation; Dr. Walter F. Brasing

Larry Allan Early, Cincinnati; B.A., M.A. (University of Cincinnati); Education; Dr. Greg L. Trebbitzinski

Lee Edward Ekleberry, Columbus; B.S. (Bowling Green State University); Art Education; Dr. Arthur D. E烦

Kuo-Shih Fan, Taiwan, R.O.C.; B.S. (National Chung Hsing University); M.S. (Iowa State University); Civil Engineering; Dr. Robert M. Sykes

John Kevin Ford, East Lansing, Mich.; B.S. (University of Pennsylvania); Psychology; Dr. Richard J. Kimoski

Robert D. Gaglianello, Columbus; B.S. (Syracuse University); M.S.; Electrical Engineering; Dr. Hooshang Hemami

Richard Kevin Goecke, Bellefontaine; A.B. (University of Notre Dame); M.A.; Education; Dr. Donald J. Toi

Robin Goffberg, Philadelphia, Pa.; B.A. (Temple University); M.A.; Psychology; Dr. W. Bruce Wieda

Margarita Guevarra, Cebu City, Cebu, Philippines; B.S. (Smith College); M.S.; Agricultural Economics and Rural Sociology; Dr. Fredrick J. Hitzschen

Harpal Singh Grewal, Narangwal, Punjab, India; B.S., M.S. (Punjabi Agricultural University); Agricultural Economics and Rural Sociology; Dr. Dale W Adams

Ahmed Mostafa-M Hassan, Alexandria, Egypt; B.S., M.S. (Alexandria University); Pharmacy; Dr. Donald T. Witicks

Cheng Hsu, Troy, N. Y.; B.S., M.S.E. (Tunchhai University); M.S.; Business Administration; Dr. Wilpen L. Gorr

Thomas Alan Huber, Cuyahoga Falls; B.S. (Westminster College); M.S.; Agronomy; Dr. John G. Streeter

Deborah Ann Hunsberger, Wadsworth; B.A. (Oberlin College); M.A. (University of Nebraska); German; Dr. Gisela M. Witt

Roger Clark Inman, Baker, Ore.; D.V.M. (Washington State University); Veterinary Physiology and Pharmacology; Dr. Roger A. Yeary

Jansulden Isadain, Meshed KH, Iran; B.S. (University of Kentucky); M.S.; Electrical Engineering; Dr. Leon Peters, Jr.

Shih-Zong Jang, Hualien, Taiwan, R.O.C.; B.S. (National Ching-Kung University); M.S.; Civil Engineering; Dr. Alfred G. Biocara

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<table>
<thead>
<tr>
<th>Name</th>
<th>Degree/Field</th>
<th>Institution</th>
<th>City/Location</th>
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<tbody>
<tr>
<td>Jye-Yih Lian</td>
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<td>Physics and Pharmacology</td>
<td>Mumbai, India</td>
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<td>Gary L. Richmann</td>
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<td>James Matthew Sauer</td>
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<td>Triaatyallos Constantine Stasinopoulos, Attica, Greece</td>
<td>Diploma (Agriculture College of Athens)</td>
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<td>Marjorie Ann Stein</td>
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<td>Chairman, Coordinating Council of Deans:</td>
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<td>Colin B. B. Bull</td>
<td>Vice Provost for the Arts and Sciences:</td>
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<td>Thomas A. Willke</td>
<td>The Colleges of the Arts and Sciences, a federation of five colleges, include:</td>
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Robert R. Freeder, Richmond Heights
Kathryn Lee Kah, Columbus
Douglas Alan Loyar, St. Clairsville
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Judy Ratliff Stansbury, Granville
Mary Megan Stephens, Columbus
Keith A. Thomas, Van Wert
Thomas Richard Thomason, Upper Arlington
Dianna Adams Walters, Columbus
Michael Harrison Watson, Columbus
George E. Weiss, III, Toledo
Tracy Ann Yee, Columbus
Linda Lee Zimmer, Warren

Bachelor of Science
Philip Andrew Allen, Urbana
Kenneth Duane Allred, Worthington
Raymond H. Baker, East Claridon
Vicki L. Carnicin, Port Clinton
Jacqueline Jordan Cole, Plain City
Terry Yolanda Coombs, Dover, Dela.
Lori Ann Hofer, Blooming Grove
Michael Aaron Lamp, Hebron
Timothy Londermilk, Norwood
Gregory Joseph Mazak, Wickliffe
Judith A. Moran, Youngstown
Deborah Ann Pitts, Boardman
Steven G. Schwartz, Columbus
Brenda J. Sheaffer, New Holland, Pa.
Jeanne Sue Somner, Trotwood
Bruce Albert Tosi, Buckeye Lake
Fredric B. Weihmuller, Hoffman Estates, Ill.

Certificate of Latin American Studies
Henry H. Wilson, Westford, Mass.

School of Journalism
Bachelor of Arts in Journalism
Frank Harris Alkper, Austintown
Michelle L. Amato, Canton
Nola Carole Armstrong, Columbus, S. C.
Peter Steven Badakos, Canton
Mary Jane Rattiner Bogen, Columbus
Charles William Brokaw, Kingsport, Tenn.
Lynne Jones Brungarth, Grove City
Jeffrey Allan Byrd, Upper Arlington
Jennifer Lynn Collins, Columbus
Angela Faye Fishback, Lexington, Ky.
Lisa Lou Fountas, Westerville
Robert Patrick Frew, Scioto
Aaron William Haupt, Columbus
Robert James Herbert, Morrisstown, N. J.
Linda Horner, Shaker Heights
Cynthia Lee Jack, Columbus
Ronald Jeffrey Keplinger, Springfield
Michael D. King, East Canton
Stephen Michael Laarcomb, Marion
Karen Anne Laroy, Granville
Karen M. McMinin, Stratton
Dulcie Neirran, Dayton
Michael J. Norman, Akron
Linda L. Parker, Worthington
Judi Lynn Perman, Cincinnati
Erin Anne Scallon, Newark
Deborah Sue Spillane, Troy
Susan E. Weiss, Cleveland

College of Administrative Science
Dean: H. Justin Davidson
Bachelor of Science in Business Administration
Joel Millard Allen, Alliance
Cari Edward Allen, Fairborn
Bettye A. Anderson, Columbus
Jeffery Alan Anon, Dayton
Bryan Jay Bop, Lakeview
Jacqueline Ann Arnold, Westerville
Michael Aloysius Arnold, Zanesville
Scott Alan Austin, Worthington
Gregory Louis Areaves, Lima
Eugene Thomas Baker, Canfield
James Cassel Ballenger, Columbus
Timothy John Barker, Groveport
James R. Bauchmeyer, Columbus
Thomas John Becker, Kettering
Constance Elaine Beelman, Columbus
Diane Kay Bemis, Versailles
Mark Steven Bengtson, Columbus
Jeffrey E. Berzak, Canton
Timothy Paul Blauser, Dayton
Randy Roy Blauser, Columbus
Duane Anthony Borgen, Parma
Scott Barnes Brady, Centerville
Gary Dale Branson, Mansfield
Kimberly Jo Brehm, Englewood
James Kenneth Bricker, Sidney
Wade Alan Bright, Marysville
Rebecca Dee Brinkman, Gallion
Michael Lawrence Britt, Kettering
Valerie Jean Brom, Loveland
Douglas John Brought, Newark
Christopher Paul Brown, Granville
John Eric Brunst, Parma Heights
Alvin Clark Bynum, Lima
Scott Charles Burns, Portsmouth
Ted Steven Byer, Columbus

College of Business Administration
Dean: H. Justin Davidson
Bachelor of Science in Business Administration
Joel Millard Allen, Alliance
Cari Edward Allen, Fairborn
Bettye A. Anderson, Columbus
Jeffery Alan Anon, Dayton
Bryan Jay Bop, Lakeview
Jacqueline Ann Arnold, Westerville
Michael Aloysius Arnold, Zanesville
Scott Alan Austin, Worthington
Gregory Louis Areaves, Lima
Eugene Thomas Baker, Canfield
James Cassel Ballenger, Columbus
Timothy John Barker, Groveport
James R. Bauchmeyer, Columbus
Thomas John Becker, Kettering
Constance Elaine Beelman, Columbus
Diane Kay Bemis, Versailles
Mark Steven Bengtson, Columbus
Jeffrey E. Berzak, Canton
Timothy Paul Blauser, Dayton
Randy Roy Blauser, Columbus
Duane Anthony Borgen, Parma
Scott Barnes Brady, Centerville
Gary Dale Branson, Mansfield
Kimberly Jo Brehm, Englewood
James Kenneth Bricker, Sidney
Wade Alan Bright, Marysville
Rebecca Dee Brinkman, Gallion
Michael Lawrence Britt, Kettering
Valerie Jean Brom, Loveland
Douglas John Brought, Newark
Christopher Paul Brown, Granville
John Eric Brunst, Parma Heights
Alvin Clark Bynum, Lima
Scott Charles Burns, Portsmouth
Ted Steven Byer, Columbus

Michael William Ellerman, Delphos
Patrick Edward Eley, Columbus
Scott Michael Edin, Salem
Stephen Michael Evans, Little Hocking
James Hugh Farthing, Columbus
Stephen Leonard Fred, Salem
Neal Alan Gogol, Parma
Curtis Scott Gorman, Mason
Jeffrey Alan Grate, Perrysville
Gary Christopher Harrell, St. Louis, Mo.
Don Charles Hoffman, Columbus
Michael Alan Harmon, Columbus
Janice Elaine Harris, Chillicothe
Gary Randy Harris, Loveland
Eric Thomas Heckman, Piqua
Richard William Heckman, Cincinnati
Deborah Ellen Heft, Louisville
Anita Lynne Hempfling, Findlay
Kimberly Suzanne Hiles, Bay Village
Don Charles Hoffman, Columbus
Kevin Joseph Hoover, Elyria
Mary Alice House, Columbus
Matthew Joseph Hudak, Solon
Nancy Hughes-Schroger, Toledo
Jeffrey Lee Hunt, Wauseon
Teresa Ann Hupp, Laurelville
Kyla Hyland, Hubbard
Robert John Inlay, Zanesville
Robert Lewis James III, Wilmington, Del.
Manu Intellich, Columbus
Carletta Yvonne Johnson, Toledo
Douglas William Johnson, Columbus
Linda Josephine Johnson, Columbus
William Brian Johnson, Jr., Marietta
Kenneth Perry Jones, Shelby
Edwin Dean Kane, Sandusky
James Gerard Kasubinski, Elyria
Eric Jan Kaufman, Ottoville
Ron Lee Kazmierczak, Columbus
Teresa Price Kelley, Columbus
Jack Edward Kemper, Minster
Robert Joseph Kent, Chardon
Joseph Michael Kesseler, Dayton
Janine Ann Keye, London
Richard Lee Kiefer, Cincinnati
Mark Joseph Kiesling, Cincinnati
Bolin Howard Killings, Cleveland
Michael Paul King, California
Nicholas Christian King, Wauseon
Gerard Thomas Kirwan, Worthington
Anthony F. Kloebuch, Chicago, Ill.
Brad Allen Knecht, Lancaster
Linda Kay Konkle, Grove City
Benjamin Korgness, Washington, D.C.
David Alan Kosmoe, Columbus
Michael Bernard Kramer, Fairlawn
Janelle Leona Kratzer, Cincinnati
Kenneth Edward Krulak, Independence
Frederick James Kunz, St. Clairsville
Barbara Ann Kurucz, Westerville
Jeffrey Alan Kurz, Reynoldsburg
William I. Lammers, Jr., Cuyahoga Falls
Wolfgang D. Lant, Cleveland
Derrick Steven Layer, Columbus
Joseph J. Leckemy, Jr., Brunswick
Andre Mark Lewis, Reynoldsburg
Jeffrey Karl Lucas, Columbus
Stuart Dean Lucas, Ashland
David Coleman Lukac, Jr., Celina
Michael Michael MacArthur, Cincinnati
Richard James Mack, Brecksville
Thomas Joseph Mackin, Columbus
Teresa Ann Mahaffy, Toledo
Lloyd J. Mandel, Wilmette, Ill.
Anthony Scott Manns, Richfield
John Lee Manning, Columbus
John Jeffrey Marvin, Centerville
Carol Lee Mawhorr, Columbus
Daniel Joseph McCormick, Sandusky
Thomas Douglas McDonald, Elyria
Randy Louis McFarland, Medway
Robert Alan McGettire, Youngstown
Christopher K. McIntosh, Middletown
Joseph August Mearesonne, Columbus
Kenneth Edward Merrill, Cincinnati
Nancy Claire Miller, Bellefontaine
Jerrilynn Lee Mills, Chippewa Lake
Jeffrey James Minihan, Mansfield
Jacqueline Sue Mitchell, Crystal Lake, Ill.
Rocco J. Morando, Columbus
Douglas Gordon Lapps, Conneaut
Jeffrey Richard Muir, Pickerington
John Charles Munch, Marion
Mary Steven Muench, Zanesville
Ronald Roger Niehaus, St. Henry
Sherry Lynn Nowell, Columbus
Thomas Richard Ogilbee, Hilliard
Jim and Olga Nowack, Columbus
Richard James Osten, Lima
Craig Alan Pangle, DeWittville, N. Y.
Wei, Tai, R.O.C.
Petr J. Pappadakes, Columbus
Lisa Pastor, San Mateo, Calif.
John Frank Pellegrino, Yorkville
Mark Paul Plungis, Cincinnati
James J. Porey, Canfield
Glen W. Poston, Gahanna
Robert Byron Poulsen, Columbus
Jeffrey Paul Powers, Columbus
Mary Elizabeth Powers, Coshocton
Donna Jean Pranger, Stow
Benjamin Brooks Price, Columbus
Eric Charles Price, Cleveland
Andrea Pukita, Poughkeepsie, N. Y.
Michael Edward Pultz, Columbus
Alan Peterbaugh, Troy
Timothy Francis Racher, Columbus
Ida Sue Ranft, Columbus
Lenora Denise Raseberry, Atrcon
Douglas Charles Raus, Morland Hill,
Jon Anderson Rechateiner, Columbus
Diane Ramey, Loveland
Thomas Hugh Ridge, Richwood
Ross J. Robinett, Dayton
Thomas Robert Rohrer, Jr., Coshocton
John Douglas Roll, Columbus
Carol Lynn Rose, Centerville
Jennifer Case Rose, Columbus
Charles David Ruby, Columbus
Samuel John Russo, Madison
J. David Ryan, III, Columbus
Sunday Jo Safian, Parma
Kathryn Lee Schene, Dayton
D. Paul Schmidt, Dayton
John D. Sticht, Youngstown
Susan Lee Schwarzkopf, Newark
Martha M. Schwieterman, Worthington
Mark Robert Scofen, Ashland
Robert C. Sears, Sunbury
James Richard Seerist, Urbana
Fratikesenis S. Welsh, Gambier
Martin Paul Shortinger, Cockeysville, Md.
Mary Ann Shoemaker, Basking Ridge, N. J.
Lynne Marie Simon, Versailles
Scott Charles Slack, Amherst
Brian Edward Spillman, Columbus
Mark Kevin Spradlin, Franklin Furnace
Larry James Stahl, Cleveland
Brian Lee Steen, Marion
Marilee Stinetem, Columbus
Douglas Wade Stotlar, Burton
Alesia Esther Stuart, Columbus
David Paul Tague, Columbus
Thomas C. Temelkoff, Canfield
Dan Rafael Villalobos Gershi, Columbus
Robert A. Viol, Whitehall
Michael J. Vivaldi, Youngstown
Douglas Charles Vrona, Columbus
Patrick Andrew Watkins, Enos Liverpool
Jerry Edwin Weakley, Columbus
Garry Randall Weich, Seven Hills
Teresa Marie Weimert, New Carlisle
Timothy Martin Williams, Dayton
Lincoln Jo Wilson, Canfield
Denise Dawn Winne, Westerville
Brian Lee Wnek, Tiltonsville
Christopher Wofford, Columbus
Kenneth Eugene Wolford, Danville
Kenneth Richard Wright, Reynoldsburg
Stephen Richard Yant, Canton
Doug Baird, Columbus
Linda Kathleen Zlate, Delaware

Bachelor of Science in Business Administration and Home Economics
Acting Dean: Francine M. Firebaugh

Bachelor of Science in Agriculture

Jill Renee Abplanalp, Willoughby
Kevin Dale Adams, Leesburg
Robert W. Anderson, Granville
Robert Wayne Ashabraner, Fairborn
Patricia Fay Ayaworth, Columbus
LuAnne Back, Middleburg
John Morgan Baker, Worthington
Mary Theresa Bandsen, Cincinnati
Paul Alan Berkley, Plain City
Jeffery Lynn Berns, Middletown
Jeffrey Robert Boos, Sandusky
Brian Lee Bourival, Litchfield
Lisa Marlon Bowers, Columbus
Patrick Michael Bryan, Carrollton
Mike Gerard Busmeyer, Cincinnati
Thomas Edward Cahill, Galion
Charles Leonard Carpenter, Columbus
Martha Jenesis Carpenter, Powell
Mark Lee Clark, Attica
David Alan Clay, Newark
Debra Kay Collins, Columbus
Ronald Irwin Dieffenbacher, Toledo
Patrick Lyn J. Lakin, Lockbourne
Katherine Marie Elsamser, Piqua
David Scott Etzkorn, Wapakoneta
Laura Diane Foy, Painesville
Keith Calvert Garstick, Columbus
Collin Carl Gieke, Amherst
Philip George Good, Sherrardville
Mark Andrew Green, Hebron
Leslie Lynn Grigorenko, Dublin
Donald Keith Grossman, Columbus
Julie A. Harr, Rocky River
Lisa Ann Harter, Thurston
Christopher Jay Haunty, Worthington
Selden Heilman, Waynesville
Paul Eugene Heilmann, Kenton
Joseph Neil Higgs, Medina
Janice Ann Holmes, Columbus
Kenneth Wade Holtthouse, Willard
Annette Christine Hommel, Wellington
Gretchen Ellen Krieger, Jeffersonville
Jeffrey Brian Krieger, Columbus
Timothy John Lakin, Cambridge
Steven Scott Leis, Ansonia
Michael Jude Liston, Columbus
Laird Leslie Long, Columbus
Ricky Alan Mahaffey, Prospect
Kenneth Paul Mahle, Celina
Susan Curtis Main, Chagrin Falls
Kevin Scott McQuinn, Middletown
Duane Courtney Mikolas, Cuyahoga Falls
Dale Robert Miller, Delaware
Randi Lee Miller, West Unity
Judith D. Moglia, Columbus
William Thomas Mondak, Middletown
Hayley, Waynesville
Kathryn Joan Murphy, Bexley
Susan Kay Mykyrant, Wooster
Michael David Getzel, New Richmond
Lydia Irene Pastuchiw, Lorain
Donald Stanley Pijak, Creamridge, N. J.
Glenn Harold Porter, Dayton
Kate Wempe Pouch, Columbus
Maria Teresa Richard, Powell
Barry Lloyd Richardson, Coshocton
Gregory Wilson Ritter, Worthington
Lori Beth Roberts, Mechanicsburg
Roger Lee Roeth, Piqua
Mark Allen Rose, Forest
Denise Anne Ryba, Parma
Leonard David Sligo, Bucyrus
Martha Louise Slater, Hebron
Sharon Jane Smithmyer, Columbus
Thomas Robert Speltel, Norwalk
William Alan Sprang, Perrysville
Michael Warren Squires, Chesterville
Dan Milton Swagelock, Piqua
Stephen Robert Thomas, Radnor
Kevin Joseph Trombley, Westerville

Steven Donal Vorwerk, Napoleon
Max Stephan Walter, Thermopolis
Michael Lee Waybright, Canal Fulton
Timothy Norman Wohler, Cleverdale
John William Weinacker, Galena
Elizabeth Lee Zeid, Hamilton
Linda Anne Zapnick, Bowling Green

Bachelor of Science in Food Science
Douglas Robert Sipes, Columbus

Bachelor of Science in Nutrition
Stephanie Nameci Shaw, Columbus

School of Home Economics

Bachelor of Science in Home Economics
Mary Annette Allori, Heath
Joanne Michelle Barrett, Columbus, S. C.
Diana Joy Catlett, Lima
Lisa Therese Culichia, Columbus
Debora Lyne Havermoor, Columbus
Sara Karrnap Hopkins, Columbus
Cathy L. McKenzie, Columbus
Debra Birbal Mount, Columbus
Elizabeth M. Musen, Chatham, N. J.
Cheryl Ann Murphy, Columbus
Loretta Myers, Columbus
Parcell Bernadette Puskas, Columbus
Cindy L. Ratchiff, Columbus
Karen Louise Schrote, Marion
Beverly J. Steenrod-Weiss, Jackson Center
Barbara Ann Stone, Dublin
Terri Lynn Taylor, Radnor
Linda Lee Tomassi, Tiltonsville
Sarah Jane Watson, Hudson
Carol Mines Williams, Columbus
Cheryl Ann Wissig, Columbus
Sharon L. Workman, Columbus

School of Business in Restaurant Management

John Edward Cairns, Columbus
Cheryl Ann Chudakov, Lyndhurst
James Edward Primovic, Bridgeport

School of Natural Resources

Bachelor of Science in Natural Resources
Richard Scott Abram, South Euclid
Daniel Lawrence Aden, Batavia
Kathleen Amelia Albers, Cincinnati
Michael Gene Baker, Columbus
Richard Erwin Branch, Cincinnati
Steven Richard Cottrell, Metamor
to David Robert Crowley, Jr., Columbus
Gerald Barton Devol, Buchtel
Gary Arthur Floyd, Tiffin
Kimberly Anne Gardner, Yardley, Pa.
M. Carol Bennison Goodman, Kettering
Richard Dwight Goodman, New Philadelphia
Suzanne Goodwin, Greenville
Peter Martin Haendel, Nedrow, N. Y.
Raymond John Hafner, North Olmsted
John Lester Huffman, Clyde
Karen Boston Kemple, Columbus
Daniel Raymond Kenney, Springfield
George David Kleevic, St. Clairsville
Daniel Mark Laferty, Cohocton
Garth Edward LaJeunesse, North Olmsted
Brian Grant McRoiom, Columbus
Robert Scott McFarland, Ashville
John Daniel Means, Plain City
Robert Thomas Murphy, Columbus
Suzanne Lynn Russell, Granville
Kathleen Helena Smith, Columbus
Mark Gordon Taylor, Utica, N. Y.
David Allen Volkman, Napoleon
Scott Gregory Wolf, Brunswick

Agricultural Technical Institute—Wooster

Associate in Applied Science

Charles Mark Ashdown, Fairfield
Gregory Allan Baker, Carey
Keith Allen Balduff, Harlem
Christine Anne Benson, Pittsburgh, Pa.
Susan Gayle Davin, Caststown
Marcia Ann Eck, Toledo
Stephen Frazer Edgcomb, Chardon
Andrew Mark Fichtelman, Sunbury
Allan R. Funk, Cincinnati
Judith Ann Hans, Loudonville
Sandra Kay Hartman, Athens
Ralph Patrick Hennessy, Carey
DeirDre Anne Hotton, Seville
Stephen Louis Kriemelmeyer, Ft. Jennings
John Gordon LaBine, Maumee
Kevin Thomas Larizza, Canton
Michael Henry Littig, Worthington
Douglas Weidon Long, Bluffton
Michael Chad McGully, Minerva
Kerry Robert Martin, Canfield
Edward James Nettleton, Wooster
Lisa Ann Nicholson, East Liverpool
Richard Paul Olexick, Steubenville
Benjamin J. R. O'Leary, Columbus
Connie Ann Sampson, Millersburg
Doug Keith Shambolin, Wooster
David Alan Snively, Lexington
Daniel Allen Stump, Findlay
College of Dentistry
Dean: William R. Wallace
Certificare of Graduate
Dentai Hygienist
Dawn Margaret Ellis, Columbus
Amy Joyce Watson, Westerville

College of Education
Acting Dean: Russell J. Spillman
Bachelor of Science in Education
Marsha Diane Addie, Cleveland
Christa Jean Adamsperger, Hamilton
Kevin Thomas Atkins, Webster, N.Y.
Steven Mark Andrews, Marion
William C. Andrews, Cambridge
Matthew Roland Aucoin, Loveland
Jan Bair, Mansfield
Debra Kay Bechtol, Mansfield
Mary Ellen Bechtol, Mansfield
Pam Mindee Eileen Epstein, Columbus
Misty Dawn Cox, Grove City
Robin L. Farr, Brunswick
Kathleen Ann Costello, Columbus
Julia May Collar, Columbus
Dhonn Lowe Cooke, Columbus
Kathleen Ann Costello, Columbus
Sandra Hawk Cotter, Worthington
Elizabeth Coulter, Worthington
Cindy Jackson Cox, Richwood
Misty Dawn Cox, Grove City
Cheryl Ann Day, Sunbury
Diana Lynn Del Conte, Cincinnati
Pamela Ann Difilippo, Steubenville
Hawua Dougan-Mallam, Bauchi, Nigeria
Connie Colleen Dyer, Algier, Indonesia
Dale Vernon Ebeneutz, Chagrin Falls
Stephen Charles Emmans, Marston
Mindie Eileen Epstein, Skokie, Ill.
Lam P. Farr, Brunswick
Shereal Lynn Ferguson, Columbus
Nancy Ann Fischer, Bucyrus
Cynthia Jean Franklin, Columbus
Kimberly Sue Fulk, Newark
Helen Taylor German, Mansfield
Mary Stivak Gilbert, Worthington
Carla Jo Gilliard, Zanesville
Elizabeth Ann Goodall, Dayton
Margaret J. Green, Columbus
John D. Gulleck, Galion
Ray L. Haines, Marion
Adamu Mohamed Hardawa, Bauchi, Nigeria
David Louis Hartley, Columbus
Michael Leo Henson, Piqua
Lisa Mary Herrms, Lexington, Ky.
Mary Lucinda Hesing, Ashland
Sandra Kay Hood, Mansfield
Bonnie Jean Hopkins, Columbus
Miriam Ann Jacoby, Lima
Terri J. Jewett, Ashland
Mary Kay Veronica Joyce, Columbus
Mohammed Inusa Kanara, Bauchi, Nigeria
Catherine S. Kaniari, Lorain
Deborah L. Katterheinrich, Wapakoneta
Robert Lynn Kaufman, Lima
Karen Boston Kemp, Delaware
Agnes Anna Kitzer, Upper Sandusky
Jeffrey Alan Bell, Mansfield
Steven Donald Blackburn, Columbus
Mary Ann Radigan, Richmond Heights
Asif Abdul Aziz Merchant, Columbus
Scott Galen Moorehead, Columbus
Gregory Scott Mumes, William
Michael David Neeley, Lima
Baja Dandana Ningi, Bauchi, Nigeria
Letitia Grace Oberley, Columbus
Cheryl Ann Osho, Columbus
LuAnn Paris, New Philadelphia
Valerie Rae Parks, Mansfield
Jeffrey Jon Pegg, Warren
Kimberly Jean Postma, Columbus
Amber Renee Potter, Lima
Christopher Dale Prior, Vandalia
John Prowenze, Cleveland Heights
Ronald Lee Rapp, Lima
James Michael Rhine, Lima
James Maigari Ribina, Bauchi, Nigeria
Janis E. Rockwell, Columbus
Joni Lynn Selfrick, Columbus
Cynthia Lynn Shaffer, Petersburgh
Karen Elaine Shumate, Columbus
Yvonne Hope Spence, Lowell
Lisa Ann Spies, Minster
Katherine Janet Starke, Vinson
Frances E. Stewart, Garibana
Nancy Jo Stewart, Worthington
Karen Kay Stine, Mansfield
Lisa Marie Stitt, Columbus
Ubayo Mohammed Tilde, Bauchi, Nigeria
Heather Paget Timbalier, Circleville
Linden Paul Vinyals, Columbus
Katherine Ann Welch, Columbus
Diane Marie Violet, Spencerville
Kathleen Magdalena Waid, Euclid
Mary Suzanne Williams, Reynoldsburg
Lynn Juan Willis, Marion
Dayna L. Wink, Mansfield
Mark Allen Wooten, Paulding
Jill Morrison Workman, Columbus
Onita Marie Yutty, Plain City

College of Engineering
Dean: Donald J. Gower
Bachelor of Science in Aeronautical and Astronautical Engineering
Christian Barret, Cleveland
Wayne Charles Chaffant, Ashland
Timothy Douglas Corbett, Galloway
Douglas Owen Carnog, Westerville
Kenneth O. Davidson, Bealbudge
Pedro A. Ferreira, Lisbon, Portugal
David Charles Roman, Worthington
Linden R. Sims, Columbus
Bachelor of Science in Agricultural Engineering
Donald Eugene Line, Arlington
Timothy Paul Meyer, Waaseon
Charles Allen Roberts, New Holland
Douglas Edward Wysong, Eaton
Bachelor of Science in Aviation
David Paul Laake, Centerville
Bachelor of Science in Ceramic Engineering
Edward Michael Spangler, Columbus
Michael Joseph Wozniak, Northfield
Bachelor of Science in Civil Engineering
Chris Stanton Ansapugh, Mendon
Moises Arramendi, Worthington
Shaiza Baharlos, Tehran, Iran
David Anthony Breitfeller, Columbus
Robert Edward Broose, North Royalton
Nooporn Chuchinda, Bangkok, Thailand
Stephen J. Fart, Columbus
Peter M. Fielder, Akron
Gerald Lee Fobbi, Tiffin
John Richard Fureman, Cinncinati
Nabil Youssef Ghantous, Beirut, Lebanon
David Robert Gorman, Youngstown
William M. Haday, Beirut, Lebanon
Mook L. Ho, Columbus
Ichikaku Katsuo Iwasegobu, Osaka, Japan
Enugu-ukwu, Nigeria
Chong Chin Lo, Sandakan, Malaysia
Asf Abdul Aziz Merchani, Karachi, Pakistan
Robert William Mural, Parma
Phuthama Freedom Nhko, Mbanda, Swaziland
Mary Ann Radien, Richmond Heights
Philip Alan Raso, Jr., Columbus
Jerry Clifford Reed, Columbus
Scott Russell Saunders, Oregon
Ted Kevin Schnell, Wapakoneta
Charles Robert Schroeder, Kikula
James Michael Starack, Columbus
Mark Randall Stougher, Brecksville
Bryan Jay Struble, Carroll
Thomas Ralph Trewhitt, Willoughby
Edward David Walker, Piqua
Michael Duane Weeks, Marion
James Kendal Wiggins, Kettering
Susan Fay Wong, Richmond Heights
Osama Ahmed Zalloum
Carlos Manuel Zerpa La Rosa, Anaco, Venezuela

Bachelor of Science in Computer and Information Science
Mark Louis Albers, Cincinnati
Winfred Lee Bourn, Cleveland
Raymond Anthony Brower, Columbus
Mark Edward Coverdill, Norcross, Ga.
Mark Christopher Dafoos, Columbus
Kevin Farrell Briggs, Columbus
David Lee Finley, Worthington
Marcel Joseph Gervais, Plainfield, Conn.
James Kendal Wiggins, Kettering
Ian Duncan Janio, McMurray, Pa.
Kuarial Lall, D’Edward, Guyana
Lisa Jane Dan, Grafton
Stephen David Parker, Wooster
Deimer Thomas Stumbaugh, Columbus
Jay William Tezle, New Albany
Robert Keith Weston, Fairview Park
Timothy Michael Wottle, Canton
Ann Kuen, Columbus

Electrical Engineer
Vinay Damodar Pradhan, Bombay, India

Bachelor of Science in Electrical Engineering
Randall Edgar Bills, St. Henry
Robert B. Bondur, Norwalk
James Stanley Brazzell, Alexandria, Calif.
Kevin Alan Legg, Columbus
Charles Allyn Butler, Hilliard
Kevin L. Daugherty, Lexington
Glenn Paul Davidson, Centerville
Richard William Fetz, Columbus
Jay William Tezle, New Albany
Robert Keith Weston, Fairview Park
Timothy Michael Wottle, Canton
Ann Kuen, Columbus

Bachelor of Science in Mechanical Engineering
William Keith Adams, Columbus
Mike Menachem Albert, Beachwood
Michael Victor Basilie, Akron
William Walter Belisle, Columbus
Thomas Bruce Berns, Middletown
Ronald Thomas Bishel, Kensington
Glenn Robert Butler, Montgomery
Daniel Joe Chapman, Columbus
Michael Joseph Romeo, Jr., Massena, N. Y.
David Joseph Stephens, Columbus
Darrell Ray Tackett, Columbus
Andrew Richard Wilburn, Portsmouth
Donald Charles York, Columbus

Bachelor of Science in Physics
Alton Buddy Avril, East Sparta
Paul David Baumgartner, Worthington
David Lee Finley, Worthington
Jeffrey Charles Holliday, Canfield
Donald James Milligan, Columbus

Bachelor of Science in Industrial and Systems Engineering
Richard Lance Brubaker, Granville
Thomas John Farmbacher, Dayton
David Lee Feinauer, Lebanon
Raphael Emilio Graulau, San Juan, P. R.
Glenn Thomas Haller, Worthington
John Daniel Sevier, Massillon
David Jeffrey Norris, Lakewood
Michael Joseph Romeo, Jr., Massena, N. Y.
David Joseph Stephens, Columbus
Darrell Ray Tackett, Columbus
Andrew Richard Wilburn, Portsmouth
Donald Charles York, Columbus

Bachelor of Science in Metallurgical Engineering
James Anthony Nicozalek, Cambridge

Bachelor of Science in Mining Engineering
Robert Dale Martin, Pataskala
Theodore R. Myers, Columbus

Bachelor of Science in Welding Engineering
Jonathan Dale Frymyer, Cridersville
Steven William Worrell, Baltic

School of Architecture
Bachelor of Science in Architecture
Timothy Alan Bas, Columbus
Richard James Florky, Columbus

Bachelor of Science in Landscape Architecture
David Anthony Borean, Columbus
John Bradley Hill, Beaufort, S. C.
James D. Palko, Columbus

College of Medicine
Dean: Manuel Tzagournis, M.D.
College of Social Work

Acting Dean: Thomas M. Meenaghan

Bachelor of Science in Social Welfare
Beth Ann Jennings, Findlay
Susan Ford Morrow, Plymouth

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 5% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 5% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Animal Science
Timothy Lynn Lawlis

With Distinction in Communication
Jeffrey Clinton Courter

With Distinction in Mechanical Engineering
Edward M. Leach

With Distinction in Natural Resources Development
Richard Dwight Goodman

With Distinction in Psychology
Kenneth Duane Allred

With Distinction in French and with Honors in the Liberal Arts
Michael Alfred Weitzner

With Distinction in Spanish and with Honors in the Liberal Arts
Therese Marie Shaler

With Honors in the Liberal Arts
David Andrew LaRue

Lawrence John Novak

Cum Laude

William Keith Adams
Mike Menachem Albert
Jaqueen Ann Aphas
Michael Aloysius Arnold
Jan Bair
John Morgan Baker
Paul David Baumgartner
Kimberly Jo Brenneman
Valerie Jean Brom
Janet E. Burk
Mark Lee Clark
Craig A. Connolly
Rhonda Louise Corke
Paul Thomas Corogin
Steven Richard Costrel
Richard James Florkey
Martin Lee Fuller
Helen Taylor German
Marcel Joseph Gervais
Nabil Youssuf Ghantous
Marlene Jayne Griffith
Shannon Leigh Grubb
Judith Ann Hans
Debora Lynne Hawthorne
Deborah Ellen Heft
Mary Lucinda Herzog
Sandra Kay Hood
Deborah L. Katterheinrich
Karen Boston Kempie
Laurie Virginia Long
Rebecca Kay Maddox
Anthony Scott Mann
David Lee Moll
Philip Alan Rason, Jr.
Laurie Ann Reutter
Denise Conny Reynolds
Kathleen Marie Sanetrick
Mary Jo Stewart
Mary Jean Stinson
Wayne W. Tuerk
Denise Dawn Wines

Cum Laude with Distinction in Parks and Recreation Administration
Kimberly Anne Gardner

Summa Cum Laude

Daniel Lawrence Aden
Douglas John Brough
Scott Alan Cammar
Sandra Jean Cooperider
Kathleen Ann Costello
Fred Dominic DelBlassis
Marcia Ann Eck
Sandra Kay Hartman
Anita Lynne Hempfling
Christie Annette Hill
Linda Goodwin Johnson
John Gordon LaBine
Frederick Nicholas Lancia II
Gregory Joseph Mazak
Thomas Charles Oliver
Vichai Rojanavanich
Michael Seaford
Karen Sue Sellins
Katherine Jane Starkey
Jenifer Marie Takato
Julie Lynn Walsh
David Oman Warner
Lynn Yuan Willis

Summa Cum Laude with Honors in
the Liberal Arts

Linda Lee Zimmer
Columbus, Ohio, April 1, 1983

The Board of Trustees met at its regular monthly meeting on Friday, April 1, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
April 1, 1983 meeting, Board of Trustees

The Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 12:10 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.


Chairman Smith reconvened the meeting at 1:30 p.m.

Chairman Smith announced the appointment of the following persons to the Nominating Committee:

Leonard J. Immke, Chairman
John F. Havens
Shirley D. Bowser

Chairman Smith called on President Jennings to present his agendas.

RESTRICTURING OF THE COLLEGE OF EDUCATION
Resolution No. 83-100

Synopsis: The consolidation of academic faculties within the College of Education and the establishment of three new units is proposed.

WHEREAS the dramatic changes in the field of education have brought about a need for reorganization of the College of Education if it expects to respond both to societal needs and influence events relating to education; and

WHEREAS the proposed reorganization will group individuals in the College with similar interests thereby making it easier for the College to address the educational needs of society; and

WHEREAS the consolidation of faculties will eliminate duplication of efforts and increase fiscal and program flexibility without increasing administrative costs; and

WHEREAS the proposed reorganization has been approved by a substantial majority of faculty in the College of Education:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the reorganization of the College of Education as approved by the University Senate on March 12, 1983; and

BE IT FURTHER RESOLVED, That, effective July 1, 1983, the existing academic faculties be reconfigured into three new academic units as follows:
April 1, 1983 meeting, Board of Trustees

RESTRUCTURING OF THE COLLEGE OF EDUCATION (contd)

Department of Educational Policy and Leadership

Educational Administration
Educational Foundations and Research
   Foundations
   Qualitative Research
Special Services
   Student Personnel
Vocational-Technical Education

Department of Human Services Education

Exceptional Children
Special Services
   Guidance and Counseling

Department of Educational Theory and Practice

Early and Middle Childhood
Educational Foundations and Research
   Curriculum, Instruction and Development and Media
   Qualitative Research
Humanities Education
Industrial Technology
Science and Mathematics Education

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

--o--

LABOR EDUCATION AND RESEARCH SERVICE
Resolution No. 83-101

Synopsis: Request for Labor Education and Research Service to be designated as a tenure initiating unit is proposed.

WHEREAS the College of Administrative Science has requested that Labor Education and Research Service be designated as a tenure initiating unit; and

WHEREAS Labor Education and Research Service has distinct standards for promotion and tenure as set forth in the College's "Standards and Procedures for Tenure and Promotion Review" that are different from those of Continuing Education, the unit to which it is currently a part; and

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WHEREAS Labor Education and Research Service has been recognized as a separate line-item funding unit within the College since 1969, and in practice has been treated as a tenure initiating unit; and

WHEREAS this designation as a tenure initiating unit will help organizationally by clarifying the status of persons in this unit; and

WHEREAS all persons affected by this proposed change have indicated, in writing, their understanding that with the approval of this request their tenure initiating unit will be Labor Education and Research Service:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the request as authorized by the University Senate at the meeting held March 12, 1983, that the Labor Education and Research Service be formally designated as a tenure initiating unit.

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

DIVISION OF ACADEMIC FACULTY OF MANAGEMENT SCIENCES
Resolution No. 83-102

Synopsis: It is proposed that the Academic Faculty of Management Sciences be divided into two faculties--Management and Human Resources and Management Sciences.

WHEREAS the College of Administrative Science has requested that the Academic Faculty of Management Sciences be divided into two faculties, namely: Management and Human Resources and Management Sciences; and

WHEREAS the Academic Faculty of Labor and Human Resources be dissolved, and the members of that faculty merged with the newly established Faculty of Management and Human Resources; and

WHEREAS the proposed change in the College structure will facilitate improved collegial interaction because faculty members with like interests will be grouped together; and

WHEREAS the proposed new structure should provide for simpler and more effective administration; and

WHEREAS the proposed change was strongly supported by vote of the faculty in the College of Administrative Science after a review by a committee of the faculty appointed by the Provost:
April 1, 1983 meeting, Board of Trustees

DIVISION OF ACADEMIC FACULTY OF MANAGEMENT SCIENCES (contd)

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the restructuring of the Academic Faculty of Management Sciences into two faculties: Management and Human Resources and Management Sciences, and the dissolution of the Academic Faculty of Labor and Human Resources as approved by the University Senate at the meeting March 12, 1983.

Upon motion of Dr. Jacob, seconded by Mr. Berry, 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. 83-103

Synopsis: Amendments to rules 3335-3-35, 3335-7-21, 3335-7-29, and 3335-7-33 of the Rules of the University Faculty 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 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 12, 1983, as follows:

AMENDED RULES

3335-3-35 Chairpersons of departments, directors of schools.

(A) There shall be a chairperson of each department and a director of each school, who shall be the administrative head, respectively, of the department or school. Each chairperson and director shall be appointed for a term of four years by the board of trustees upon the nomination of the president. A chairperson or director shall be eligible for reappointment.

In selecting a chairperson or director, the president shall confer with the dean of the college involved. The dean, in turn, will consult with the faculty of the department or school on all campuses, as well as other appropriate university officials.

(B) The duties of the chairperson of a department or the director of a school shall be as follows:

(1) To have general administrative responsibility for its program, subject to the approval of the dean of the college.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

(2) To present to staff members a pattern of administration as approved in principle by the university senate with a view to the adoption of such portions as meet the approval of the department or school. This pattern is attached to these rules immediately following rule 3335-3-39 of the Administrative Code and marked “Pattern of Departmental Administration.”

(3) To prepare, after consultation in accordance with the pattern of departmental administration, a statement setting forth the criteria and procedures according to which recommendation concerning salary increases, promotions in rank, and granting of tenure are made within the department or school. This statement shall be made available to all present and prospective members of the department or school, and a copy shall be deposited in the office of the vice president for academic affairs and provost. At the beginning of each four-year term of the chairperson of a department or the director of a school, the members of the department or school and the office of the vice president for academic affairs and provost shall receive either a revision or reaffirmation of the original statement.

3335-7-21 Marks.

(G) “I”--incomplete

(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 registration, records and scheduling. 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.

(J) “PA/NP”--pass/non-pass

(6) Before five p.m. of the third Friday of a quarter or the second Friday of a term, a student must have declared intention to take a course on the pass/non-pass basis by filing the appropriate form with the dean or director of the student’s enrollment unit. A student may not change to or from the pass/non-pass option after five p.m. of the third Friday of a quarter or the second Friday of a term.

(K) “R”--registered to audit

This mark indicates that the student has registered to audit the course and has met the conditions established for audit enrollment in the course. No credit hours shall be awarded for this mark (see rules 3335-7-29 and 3335-7-33 of the Administrative Code).
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-7-29 Admission to courses as an auditor.

An undergraduate or professional student may audit a course upon the approval of the professor in charge of the course and the dean of the college, or designee, in which the student is registered. (For repetition of courses, see rule 3335-7-28 of the Administrative Code.) A graduate student may audit a course upon the approval of the professor in charge of the course and the student's adviser.

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:

(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:

(3) Disenrollment is effective upon the action of the department chairperson (or other appropriate administrative official), unless reversed by the vice president for academic affairs and provost, or designee.

(C) For disenrollment, exclusive of audit, under sections (A) and (B) this rule, the director of registration, records and scheduling 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 (second Friday of the relevant term for summer term courses), or

(2) The mark, "W," if the disenrollment occurs after five p.m. of the third Friday of a quarter (second Friday of the relevant term for summer term courses).

(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 registration, records
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

and scheduling 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.

NOW THEREFORE

BE IT RESOLVED, That the 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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AMENDMENT OF BYLAW OF THE BOARD OF TRUSTEES
Resolution No. 83-104

Synopsis: Change in composition in membership of University Hospitals Board is proposed.

WHEREAS pursuant to 3335-1-09 of the Bylaws of the Board of Trustees of The Ohio State University, bylaws may be amended by The Ohio State University Board of Trustees; and

WHEREAS it is now appropriate to revise the composition of the University Hospitals Board so that it is composed of two members of the Board of Trustees of The Ohio State University instead of three members:

NOW THEREFORE

BE IT RESOLVED, That Bylaw 3335-1-03 of the Administrative Code be amended to read as follows:

3335-1-03 Administration of the university.

(T) University hospitals board.

(1) The university hospitals board shall be responsible to the board of trustees for the oversight of patient care services in university hospitals. The hospitals board shall be accountable through the vice president for health services, or other designee of the president, and the president to the university board of trustees. The bylaws of the hospitals board will be subject to the approval of the university board of trustees.
AMENDMENT OF BYLAW OF THE BOARD OF TRUSTEES

(2) 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.

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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AMENDMENT OF BYLAW OF UNIVERSITY HOSPITALS BOARD
Resolution No. 83-105

Synopsis: Change in composition in membership of 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 now appropriate to revise the composition of the University Hospitals Board so that it is composed of two members of the Board of Trustees of The Ohio State University instead of three members:

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).

(1) The hospitals board will be composed of two members of the Ohio state university board of trustees (trustee members) and twelve citizens from the general public (citizen members), all appointed by the Ohio state university board of trustees in consultation with the president of the university. No employee of the university shall be eligible for board membership.

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

--o--
UNIVERSITY HOSPITALS BOARD APPOINTMENTS
Resolution No. 83-106

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 has just been amended by this Board in the preceding resolutions; and

WHEREAS it is now 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 present terms of four members selected from the general public and the terms of three members from the University Board of Trustees expire on April 30, 1983:

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, 1983:

Dean W. Jeffers
John W. Wolfe
Charles Y. Lazarus

and

BE IT FURTHER RESOLVED, That the following two members of the University Board of Trustees be confirmed for membership on the University Hospitals Board for the term, May 1, 1983 through April 30, 1984:

Daniel M. Galbreath
Edmund C. Redman

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

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NAMING OF BUILDINGS
Resolution No. 83-107

Synopsis: Renaming of buildings 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
April 1, 1983 meeting, Board of Trustees

NAMING OF BUILDINGS (contd)

WHEREAS the President recommended, with the concurrence of the President's Staff, that the following structures be named:

   The Poultry Administration Building located at 674 West Lane Avenue be renamed Everett L. Dakan Hall, to honor Professor Dakan who served the University from 1919-1957 which included 32 years as Chairman of the Department of Poultry Science.

   Women's Commons located at 251 West Twelfth Avenue be renamed June F. Kennedy Commons to honor June F. Kennedy who served as the first Food Service Director from 1939-1959.

NOW THEREFORE

BE IT RESOLVED, That the buildings listed in the preceding paragraphs be renamed as proposed.

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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DISTINGUISHED SERVICE AWARDS

Resolution No. 83-108

Synopsis: Recommendation for six 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 six individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

   Richard D. Altick
   William R. Coyle
   M. Merle Harrod
   Walter L. Hartman
   Ross L. Mooney
   William F. Rounds

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:
April 1, 1983 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS (contd)

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

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

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PERSONNEL ACTIONS

Resolution No. 83-109

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointment of Department Chairmen; Reappointment of Department Chairmen and Director of School; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 4, 1983 meeting of the Board, including the following Appointments; Appointment of Department Chairmen; Reappointment of Department Chairmen and Director of School; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

<table>
<thead>
<tr>
<th>Name:</th>
<th>THOMAS L. TOBIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>Vice President for University Communications and Development</td>
</tr>
<tr>
<td>Office:</td>
<td>University Communications and Development</td>
</tr>
<tr>
<td>Effective:</td>
<td>On or about May 9, 1983</td>
</tr>
<tr>
<td>Salary:</td>
<td>$72,500.00</td>
</tr>
<tr>
<td>Present Position:</td>
<td>Special Assistant to the President and University Director of Public Affairs, University of Illinois</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>MANUEL Tzagournis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titles:</td>
<td>Vice President for Health Services and Dean of the College of Medicine</td>
</tr>
<tr>
<td>Office:</td>
<td>Health Services</td>
</tr>
<tr>
<td>Effective:</td>
<td>April 1, 1983</td>
</tr>
<tr>
<td>Salary:</td>
<td>$79,080.00</td>
</tr>
<tr>
<td>Present Position:</td>
<td>Acting Vice President for Health Services and Dean of the College of Medicine</td>
</tr>
</tbody>
</table>
April 1, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Name: J. LANCE KRAMER
Title: Director of Continuing Education
Office: Academic Affairs
Effective: July 1, 1983
Salary: $55,080.00
Present Position: Assistant Provost, Kansas State University

Name: GEORGE W. PAULSON
Title: Professor (Helen C. Kurtz Chair in Neurology) and Acting Chairman
Department: Neurology
Effective: March 1, 1983
Salary: $50,640.00
Present Position: Professor and Acting Chairman, Department of Neurology, The Ohio State University

Name: SAMUEL CATALAND
Title: Professor (Ralph W. Kurtz Chair in Endocrinology)
Department: Medicine
Effective: March 1, 1983
Salary: $62,160.00
Present Position: Professor, Department of Medicine

Appointment of Department Chairmen

October 1, 1983 through June 30, 1987

English Morris Beja

October 1, 1983 through June 30, 1984

Statistics *Douglas A. Wolfe

Reappointment of Department Chairmen and Director of School

July 1, 1983 through June 30, 1987

School of Journalism Walter K. Bunge

October 1, 1983 through June 30, 1987

Geography John Rayner

October 1, 1984 through June 30, 1988

Statistics J. S. Rustagi

* Acting Chairman
Leaves of Absence Without Salary

ELEANOR M. DANIEL, Assistant Professor, University Libraries, effective March 1, 1983 through June 30, 1983, for medical reasons.

SHARRON COPLIN, Instructor, Cooperative Extension Service, effective March 1, 1983 through March 15, 1983, for medical reasons.

Professional Improvement Leaves

ALBERT B. BISHOP, Professor, Department of Industrial and Systems Engineering, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.


JOHN PRICE HIRTH, Professor, Department of Metallurgical Engineering, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.


BENNETT D. BAACK, Associate Professor, Department of Economics, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

JAMES R. BLAKESLEE, JR., Associate Professor, Department of Veterinary Pathobiology, effective Summer Quarter 1983 and Autumn Quarter 1983.

STEPHEN A. BUSER, Associate Professor, Academic Faculty of Finance, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

HOWARD CRANE, Associate Professor, Department of History of Art, effective Autumn Quarter 1983 and Winter Quarter 1984.

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

BARBARA D. GROSECLOSE, Associate Professor, Department of History of Art, effective Autumn Quarter 1983 and Winter Quarter 1984.

TETSUNORI KOIZUMI, Associate Professor, Department of Economics, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.
April 1, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

WILMA K. MECKSTROTH, Associate Professor, Department of Chemistry (Newark Campus), effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

M. KATHERINE MEYER, Associate Professor, Department of Sociology, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

CLARA CREAGER, Assistant Professor, Department of Art, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

Emeritus Titles

STANLEY JOACHIM CZYZAK, Department of Astronomy, with the title Professor Emeritus, effective July 1, 1983.

STANLEY FISTICK, Department of Art, with the title Associate Professor Emeritus, effective July 1, 1983.

HOWARD M. BENNINGTON, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 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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PERSONNEL ACTION Resolution No. 83-110

FACULTY EXCHANGE

Synopsis: A Faculty Exchange for Professor Robert Lenardon in the Department of Classics is proposed with the State University of New York at Albany.

WHEREAS appropriate officials in The Ohio State University Department of Classics and the State University of New York at Albany have proposed an exchange of faculty for a period of one academic year; and

WHEREAS arrangements such as this are encouraged by member institutions of the Committee on Institutional Cooperation; and

WHEREAS the proposed exchange of services would be of significant benefit to the institutions involved, especially the employing departments, as well as the individuals themselves; and

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PERSONNEL ACTION (contd)

FACULTY EXCHANGE (contd)

WHEREAS the maintenance of the faculty members' employment relationship with each one's home institution would provide continuity in their compensation package and would protect their established employment benefits:

NOW THEREFORE

BE IT RESOLVED, That Professor Robert Lenardon of the Department of Classics be placed on detached service from the University for the 1983-84 Autumn, Winter and Spring Quarters to perform services at the State University of New York at Albany in exchange for the services of Professor Hans A. Pohlsander of that university.

BE IT FURTHER RESOLVED, That the compensation/benefits entitlements of each individual shall be maintained and continued by the home institution as though each was still performing services there.

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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RESOLUTIONS IN MEMORIAM

Resolution No. 83-111

Synopsis: Resolutions honoring the service of five of this 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 Dr. Jacob, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous voice vote.

Dr. Jacob paid tribute to Dr. Oscar P. Snyder as follows:

I'd just like to say that Dr. Oscar Snyder was a graduate of The Ohio State College of Dentistry and served in the highest position in the U. S. Army that a dentist can serve, and that is as the Surgeon General of the Dental Corps. And then he returned to Ohio State and served on the faculty for, I'd say, about eight years and during that time I had the pleasure of being a student of his and certainly appreciate what he taught me. He lived a very long and useful life, and I was happy to be able to spend about an hour and a half with his family at the time of the funeral; and I'm certainly glad that we are able to recognize him. And I just think that he has been of great service not only to the University, but to the country.

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RESOLUTIONS IN MEMORIAM (contd)

Carl A. Nissen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 8, 1983, of Carl A. Nissen, Associate Professor Emeritus in the Department of Sociology.

He received his B.S. degree in 1922 from Linfield College, his M.A. degree from the University of Chicago in 1929, and his Ph.D. from The Ohio State University in 1947.

In addition to his work at O.S.U., Professor Nissen taught at Berea College, Baldwin-Wallace, Denison University, and the Askov-Folk-School, Denmark. He was professionally interested in the ministry and he served a number of churches in the central Ohio area.

Within the field of sociology, Dr. Nissen's primary interests were in the areas of marriage and the family. He had the ability to communicate extremely well with students and many sought his guidance. He was associated with the department's counseling program and also served as a marriage counselor at the Broad Street Methodist Church in Columbus. He retired from O.S.U. in 1965 and moved to Sun City Center, Florida, where he continued to be active in community organizations.

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.

Eldis O. Reed

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 14, 1982, of Professor Eldis O. Reed, Department of Engineering Graphics.

Professor Reed was born in Canton, Ohio, on November 12, 1922. He earned a bachelor’s degree in Metallurgical Engineering from Ohio State University in 1943 and a master’s degree in Education in 1950.

Professor Reed began his career as an undergraduate laboratory assistant with the Department of Engineering Graphics. He joined the faculty as an instructor and was advanced to Assistant Professor in 1951. He obtained the rank of Professor in 1970.

Professor Reed was a registered professional engineer who was employed during the summer by the City of Columbus in 1953, the Ohio State Aerodynamic Laboratory in 1954, the B. C. Wilson Co. in 1955 and Purtz and Reed, Inc. from 1956 to 1961. Since 1961 he served as consulting engineer to several organizations.

Professor Reed served with the U. S. Army Corps of Engineers during World War II, rising from the rank of private to second lieutenant.
RESOLUTIONS IN MEMORIAM (contd)

Eldis O. Reed (contd)

Professor Reed was a dedicated teacher who enjoyed his work with his students. He was the founder of the Society of Women Engineers chapter at Ohio State and spent many hours promoting the cause of engineering as a career for both men and women. He believed that engineering education encompassed other countries and cultures and promoted international study tours to broaden the engineering students' horizons. An outgrowth of these two activities was the Professional Development Laboratories that brought practicing engineers and industrial managers together with undergraduate students for a weekend of information exchange and discussion.

Professor Reed was a member of the American Society of Engineering Education; Sigma Gamma Epsilon, metallurgical and mining engineering honorary; the International Committee of the YMCA, and the First Community Church. He was an honorary member of Delphi and Texnikoi.

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 requested 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.

Dr. Oscar P. Snyder

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 21, 1983, of Dr. Oscar P. Snyder, Assistant Professor Emeritus in the College of Dentistry.

Dr. Snyder received his D.D.S. degree from The Ohio State University in 1916. He was appointed a dental surgeon in the U. S. Army the same year. He served with the 28th Division in France during World War I and in the European and Pacific Theaters during World War II. Dr. Snyder rose through the ranks and was promoted to Major General in 1954 when he was appointed chief of the Dental Corps by President Dwight D. Eisenhower. He retired in 1956 after serving 40 years in the service. He served as a faculty member at the College of Dentistry from 1957 until 1965 when he retired.

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.

Charles A. Thompson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 26, 1983, of Charles A. Thompson, Professor in the College of Law.
April 1, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Charles A. Thompson (contd)

Charles Thompson was born in Gas City, Indiana, July 8, 1942. He received the Bachelor of Science degree from Ball State University in 1965, the Juris Doctor degree from Indiana University at Indianapolis in 1969 and the Master of Law degree from New York University in 1970. Thompson was the reporter for the Indiana Criminal Law Study Commission from 1970 to 1973 and was an Associate Attorney with Henderson, Daily and Foxworthy of Indianapolis in 1973 and 1974. He joined the faculty of The Ohio State University College of Law as an Assistant Professor in 1974 and was promoted to Associate Professor in 1977. He was promoted to Professor in 1979 and served in that capacity until his death from a heart attack in February of this year. He was the Director of the Legal Clinic at the College of Law from 1978 to 1982.

Professor Thompson left behind a remarkable legacy of scholarship especially in view of his premature death. He was the leading authority on Indiana criminal law having written the commentary for the six volume *Indiana Code of Criminal Law and Procedure* as well as the two volume traffic code. Thompson was also an expert on civil procedure having written (with Fink) revisions for two volumes of *Moore's Federal Practice* and co-authored with W. J. Hostetler a five-volume work on *Indiana Forms of Pleading and Practice*. In addition he was a co-author with John Slain and Freda Bein of *Agency, Partnership and Employment* (1980). Thompson also authored numerous articles in legal periodicals.

Professor Thompson was respected as an outstanding teacher of both clinical and traditional law courses. His casual and approachable manner and his sincere interest in his fellow human beings won him deep affection from his students and his colleagues. His zest for life was illustrated by among other things his interest in his motorcycles and in jazz and he will also be remembered as the founder, captain and inspiration for the faculty-student softball team known as the Stranger City Strangers.

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.

Ruth H. Wheeler

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 1, 1983 of Ruth H. Wheeler, Associate Professor Emeritus in the School of Health, Physical Education, and Recreation.

She was educated at The Ohio State University receiving the B.S. degree in 1936 and the M.A. degree in 1937 and at the Mayo Clinic where she was certified as a Registered Physical Therapist. Professor Wheeler also did advanced study at Toledo and Michigan State Universities.
April 1, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ruth H. Wheeler (contd)

Mrs. Wheeler served as a member of the faculty of the Division of Physical Education from 1937-1940. From 1942-1945, she served as an officer in the United States Army Physical Therapy Corps. In 1962, she returned to The Ohio State University where she was a member of the faculty until her retirement in 1980.

Professor Wheeler worked extensively in the areas of conditioning and therapeutic exercise, neurological and physical handicap and various dimensions of retardation. She was the author of several articles for professional journals and her publication, *Physical Education for the Handicapped*, has been a widely used text. She contributed her expertise not only to the University but to many community agencies through numerous clinics and workshops.

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.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-112

Synopsis: The reports on contracts, grants, and gifts and the summary for February 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 month of February 1983, be approved.

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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April 1, 1983 meeting, Board of Trustees

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

SUMMARY FOR FEBRUARY 1983

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<tbody>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>51</td>
<td>$2,516,331.00</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>34</td>
<td>$ 149,430.00</td>
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<tr>
<td>Ohio Agricultural Research and Development Center</td>
<td>3</td>
<td>$ 25,622.00</td>
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<tr>
<td>The Ohio State University Development Fund</td>
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<td>$2,691,383.00</td>
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</table>

Establishment of Named Funds

Warner and Lora Pomerene
Faculty Enhancement Fund
(College of Agriculture and Home Economics) $50,640.98

The J. Parker and Kathryn Webb
Dinius Fellowship Fund
(Graduate or professional student fellowships) $10,000.00

The Chicago Corporation Fund
(College of Administrative Science) $ 8,000.00

William A. Schoonover - Trane
Scholarship
(College of Engineering) $ 7,450.00

The Metropolitan Washington, D. C.
Alumni Scholarship Fund
(Undergraduate scholarships for Washington, D. C. students) $ 5,273.00

The Department of Family Relations and Human Development Endowed Fund
(Department of Family Relations and Human Development) $ 5,000.00

The Ellen Gerlat Memorial Scholarship Fund in Veterinary Medicine
(College of Veterinary Medicine) $ 5,000.00
April 1, 1983 meeting, Board of Trustees

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

SUMMARY FOR FEBRUARY 1983 (contd)

Report from Presidents Club

<table>
<thead>
<tr>
<th>Description</th>
<th>Members to date</th>
<th>1983 members: year to date</th>
<th>New members - February 1983</th>
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<tbody>
<tr>
<td>Members to date</td>
<td>4,590</td>
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<td></td>
</tr>
<tr>
<td>1983 members: year to date</td>
<td>26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New members - February 1983</td>
<td>9</td>
<td></td>
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</tr>
</tbody>
</table>

New Presidents Club Members - February 1983

- James D. Benes
- Dan Brown
- Henry R. Falken
- Sandra S. Feinstein (Mrs. Donald L.)
- Mary J. Goldthwaite
- Jimmie L. Huit, Jr.
- Linda S. Landefeld (Mrs. Ronald)
- Robert R. McMaster
- Gary W. Roubink
Federal Research Contracts/Grants

$168,920.00 - National Science Foundation, Washington, D. C., Emergent Citizen Groups in Disaster Preparedness and Recovery Activities, Department of Sociology (E. L. Quarantelli), 1 March 1983 through 29 February 1984. (Project 762862 - Continuation)

$149,971.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Basic Electromagnetic Scattering Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 8 February 1983 through 7 February 1984. (Project 763451 - New)

$117,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Genetic and Molecular Studies of RNA Splicing, Department of Genetics (P. S. Perlman), 1 March 1983 through 29 February 1984. (Project 763452 - New)

$102,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, 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 1983 through 31 January 1984. (Project 762989 - Continuation)

$96,039.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, The Role of α-Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 1 February 1983 through 31 January 1984. (Project 763428 - New)

$83,600.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 1 March 1983 through 29 February 1984. (Project 763441 - Continuation)

$82,500.00 - 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 1983 through 31 March 1984. (Project 763039 - Continuation)

$77,760.00 - National Science Foundation, Washington, D. C., Extension and Evaluation of a Methodology for Managing Assembly Systems, Department of Industrial and Systems Engineering (W. E. Wilhelm), 1 February 1983 through 31 January 1985. (Project 763431 - New)
April 1, 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)

$60,326.00 - National Science Foundation, Washington, D. C., Unitary Group Methods for the Electron Correlation Problem, Department of Chemistry (I. Shavitt), 15 February 1983 through 29 February 1984. (Project 763437 - Continuation)

$59,816.00 - National Science Foundation, Washington, D. C., Resonance Phenomena in Electron-Molecule Collisions, Department of Chemistry (C. W. McCurdy), 1 March 1983 through 29 February 1984. (Project 763440 - Continuation)

$58,600.00 - National Science Foundation, Washington, D. C., Multiple Hydrogen Bonding, Department of Chemistry (J. Hine), 1 March 1983 through 29 February 1984. (Project 762996 - Continuation)

$56,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, The Ohio Sea Grant Program 1982-1983, Center for Lake Erie Area Research (J. M. Reutter), 1 January 1983 through 31 December 1983. (Project 762833 - Continuation)

$49,979.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 March 1983 through 31 August 1983. (Project 761012 - Continuation)

$47,136.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Analysis of Local Circuitry in the Inferior Olive, Department of Anatomy (G. A. Bishop), 1 February 1983 through 31 January 1984. (Project 763013 - Continuation)

$40,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1983 through 31 January 1984. (Project 762589 - Continuation)

$38,263.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Impact Quantification and Human Trauma Correlation, Department of Mechanical Engineering (R. L. Stalnaker), 1 January 1983 through 31 December 1983. (Project 7633443 - New)
April 1, 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)

$37,454.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Multiple Comparisons with the Best Treatment, Department of Statistics (J. C. Hsu), 1 March 1983 through 29 February 1984. (Project 763442 - New)


$20,000.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Applications of Full Wave Solutions to HF Heating and Generation of Irregularities in the F-Region of the Ionosphere, Department of Electrical Engineering (T. A. Seliga), 1 June 1983 through 30 September 1983. (Project 763439 - New)

$10,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, SETI Research, Department of Electrical Engineering (J. D. Kraus), 1 December 1982 through 30 June 1983. (Project 760413 - Continuation)

$8,040.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Hyattsville, Maryland, Early Interaction between Adolescent Mothers and Infants, Department of Family Relations and Human Development (E. R. Hock and M. Pitzer), 1 April 1983 through 31 March 1984. (Project 763456 - New)

$4,833.00 - Department of the Air Force, Air Force Systems Command, Materials Laboratory, Wright Patterson Air Force Base, Ohio, Generation and Characterization of Rapidly Solidified Titanium Alloys, Department of Welding Engineering (W. A. Baeslack, Ill), 1 October 1982 through 30 June 1983. (Project 763450 - New)


$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program/Biological Sciences, Office of Minority Affairs (R. T. McDonald), 1 March 1983 through 29 February 1984. (Project 762731 - Continuation)
April 1, 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)

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,000.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program/Medicine, Office of Minority Affairs (R. T. McDonald), 1 March 1983 through 29 February 1984. (Project 762728 - Continuation)</td>
</tr>
<tr>
<td>$3,000.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program/Pharmacy, Office of Minority Affairs (R. T. McDonald), 1 March 1983 through 29 February 1984. (Project 762730 - Continuation)</td>
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<td>$3,000.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program/Veterinary Medicine, Office of Minority Affairs (R. T. McDonald), 1 March 1983 through 29 February 1984. (Project 762729 - Continuation)</td>
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<tr>
<td>$2,868.00</td>
<td>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 March 1983 through 30 June 1983. (Project 761160 - Continuation)</td>
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<tr>
<td>$500.00</td>
<td>National Foundation for the Arts and Humanities, National Endowment for the Arts, Washington, D. C., Film/Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1983 through 31 December 1983. (Project 763414 - Continuation)</td>
</tr>
</tbody>
</table>

TOTAL - FEDERAL AWARDS $1,416,933.00
State of Ohio Research Contracts/Grants

$151,590.00 - State of Ohio, Department of Education, Ohio Occupational Information Coordinating Committee, Columbus, Ohio, Occupational Employment Statistics Survey Program in Ohio for Manufacturing and Hospitals, Department of Economics (S. C. Kelley) and Academic Faculty of Labor and Human Resources (H. R. Blaine and M. H. Sandver), 1 January 1983 through 30 June 1984. (Project 763434 - Continuation)

$140,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Industrial Training Program to Meet Changing Manpower Needs in the State of Ohio, College of Education - Administration (J. J. Buffer) and Academic Faculty of Vocational-Technical Education (J. E. Sage), 1 November 1982 through 30 June 1983. (Project 763427 - New)

$25,330.00 - 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)

$5,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Joint Liaison Office, Nisonger Center for Mental Retardation (D. C. Cavin), 1 February 1983 through 30 July 1983. (Project 763429 - New)

$1,350.00 - Ohio Arts Council, Columbus, Ohio, A Dayton Ballet Company Performance, Newark Campus and Division of Comparative Studies in the Humanities (I. Cardozo-Freeman), 1 July 1982 through 30 June 1983. (Project 763446 - New)

TOTAL - STATE OF OHIO AWARDS $ 323,270.00

Industrial Research Contracts/Grants

$310,000.00 - Rockwell International, North America Aircraft Operations, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory, (L. Peters and W. D. Burnside), 1 October 1982 through 30 September 1983. (Project 762982 - Continuation)

$190,000.00 - Air Products and Chemicals, Inc., Allentown, Pennsylvania, Chelate Dioxygen Carriers for Use in Facilitated Transport, Department of Chemistry (D. H. Busch), 1 February 1983 through 31 January 1985. (Project 763432 - New)

$37,560.00 - 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 May 1982 through Indefinite. (Project 763181 - Continuation)
April 1, 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)

$23,715.00 - DNA Clinical Research Corporation, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (R. E. Stephens and P. D. Lipetz), 1 January 1983 through 30 June 1983. (Project 762992 - Continuation)


$18,530.00 - Pioneer Hi-Bred International, Inc., Johnstown, 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 1983. (Project 763430 - New)

$18,255.00 - Ross Laboratories, A Division of Abbott Laboratories, Columbus, Ohio, The Effect of Three High Nitrogen Chemically Defined Diets on Nitrogen Status Energy Expenditure and Fecal Characteristics of Healthy College Students, Department of Human Nutrition and Food Management (V. M. Vivian and J. T. Snook), 1 January 1983 through 30 June 1983. (Project 763444 - New)

$16,100.00 - The Procter & Gamble Company, Cincinnati, Ohio, Detection of Neurotoxicity by Morphologic and Functional Techniques, Department of Medicine (J. P. Mendell and Z. Sahenk), 1 January 1983 through 31 December 1983. (Project 762821 - Continuation)

$6,052.00 - 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 Indefinite. (Project 763181 - Continuation)

TOTAL - INDUSTRIAL AWARDS $ 642,212.00

Other Non-Federal Research Contracts/Grants

$45,000.00 - Electric Power Research Institute, Palo Alto, California, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 1 January 1983 through 31 December 1983. (Project 763292 - Continuation)

$35,000.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Bifunctional Catalysis via Iminium Ions, Department of Chemistry (J. Hine), 1 September 1983 through 31 August 1985. (Project 763454 - New)
April 1, 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)

$21,938.00 - The University of Florida, Gainesville, Florida, Resistance of Exotic Breeds of Sheep to Chronic Fascioliasis, Department of Animal Science (OARDC) (B. A. Dehority), 1 October 1982 through 30 September 1984. (Project 763449 - New)

$17,878.00 - Franklin County Mental Health Board, Columbus, Ohio, Enhancement of the Decision Support System, Academic Faculty of Management Sciences (D. A. Schilling), 1 January 1983 through 31 December 1983. (Project 763386 - Continuation)

$10,100.00 - Exxon Education Foundation, New York, New York, Dissemination of Reflective Teaching, Academic Faculty of Educational Foundations and Research (D. R. Cruickshank), 1 March 1983 through 30 September 1984. (Project 763455 - Continuation)

$4,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Tumor-Infiltrating Macrophages, Department of Microbiology (R. F. Mortensen), 1 January 1983 through 31 December 1983. (Project 763445 - New)

TOTAL - OTHER NON-FEDERAL AWARDS $ 133,916.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$149,430.00 Thirty-four development projects under the direction of 7 engineering departments and research areas.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants


$6,000.00 - Michigan State University, Pesticide Research Center, East Lansing, Michigan, continued support of IR-4 Satellite Laboratory, Department of Entomology, to June 30, 1983. (Subcontract 80 CRSR-2-0506)

TOTAL - FEDERAL CONTRACTS/GRANTS $22,622.00
April 1, 1983 meeting, Board of Trustees

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

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Industrial and Other Contract/Grant

$3,000.00 - Fats and Proteins Research Foundation, Des Plaines, Illinois, continued support of a study on determining the best processing conditions for broiler feathers which are untreated, phosphoric acid-treated, or sodium carbonate-treated, Department of Poultry Science, to June 30, 1983.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - December 1982

Gifts of $5,000 or more

$294,473.75 Carl Haas, Phoenix, Arizona--$294,468.75 for Chair in Food Industries and $5.00 for Student Athlete Grant-in-Aid.

$165,069.00 Leslie Wexner, Columbus, Ohio--$164,920.00 for Wexner Fund and $149.00 for Student Athlete Grant-in-Aid.

$93,525.00 John Gerlach, Columbus, Ohio--$93,500.00 for John J. Gerlach Professorship and $25.00 for Student Athlete Grant-in-Aid.

$70,022.32 C. Barber, Lakewood, Ohio, for C. Glenn Barber Fund.

$64,536.50 Robert D. Smith, Upland, California--$63,536.50 for Robert D. Smith Electrical Engineering Fund and $1,000.00 for Student Athlete Grant-in-Aid.

$55,000.00 Helen Clarkson, Columbus, Ohio, for Helen Clarkson Memorial.

$53,300.00 Florence Johnson, Columbus, Ohio--$43,000.00 for Reese Arthritis Research; $10,000.00 for Ophthalmic Laser Lab; and $300.00 for Friends of WOSU.

$50,000.00 Dreyfus Foundation, Inc., New York, New York--$47,000.00 for Dreyfus Teacher-Scholar Grants - Dr. McCurdy and $3,000.00 for Dreyfus Administrative Grant in Chemistry.

$50,000.00 General Motors Corporation, Warren, Michigan, for Advanced Design Methods Laboratory Mechanical Engineering.

$50,000.00 Scientific Atlanta, Inc., Atlanta, Georgia, for ElectroScience Lab.

$38,750.00 Cleveland Institute of Electronics, Cleveland, Ohio, for Newton D. Baker Scholarship Fund.
April 1, 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)

$35,780.13 Louise Scott Foundation, Columbus, Ohio—$26,835.10 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy and $8,945.03 for William Craig Orr and Mary Black Orr Scholarship in Medicine.

$32,200.00 Jack Strader, Columbus, Ohio, for D. C. Kiplinger Chair.


$30,000.00 OSU Medical Research and Development Foundation, Columbus, Ohio, for Medicine Progress Fund.

$30,000.00 R & A Shafer Foundation, Columbus, Ohio, for Student Athlete Grant-in-Aid.

$28,744.90 Systems Associates, Columbus, Ohio—$28,509.03 for Cardiology Support Fund and $235.87 for Pacemaker Development Fund.

$27,575.00 Ruth Wilson, Westerville, Ohio—$27,475.00 for James Hay and Ruth Jansson Wilson Professorship in Cardiology and $100.00 for Friends of WOSU.

$26,400.00 Yassenoff Foundation, Inc., Columbus, Ohio—$7,500.00 for Student Athlete Grant-in-Aid Fund; $1,000.00 for College of Arts Support Fund; $1,000.00 for Arts and Sciences Placement Services Fund; $1,000.00 for Math and Physical Science Dean’s Emergency Fund; $1,000.00 for Graduate School Support Fund; $1,000.00 for Biological Science Special Fund; $1,000.00 for University College Fund; $1,000.00 for College of Social Work Emergency Fund; $1,000.00 for College of Agriculture; $1,000.00 for Optometry Fund; $1,000.00 for College of Education Support Fund; $1,000.00 for Veterinary Advancement Fund; $1,000.00 for College of Administrative Science; $1,000.00 for Journalism Director’s Special Fund; $1,000.00 for Dentistry Advancement Endowment Fund; $1,000.00 for Social and Behavioral Science Fund; $1,000.00 for College of Engineering Special Fund; $1,000.00 for Pharmacy Advancement Fund; $500.00 for Physical Medicine Support Fund; $500.00 for College of Law School; $500.00 for Law Discretionary Fund; $200.00 for OSU Ophthalmology Center; and $200.00 for Yassenoff Polar Study.

$26,225.00 Martha Staub, Columbus, Ohio—$26,200.00 for Martha G. and Milton Staub Chair for Research in Ophthalmology and $25.00 for Friends of WOSU.
Gifts of $5,000 or more (contd)

$26,000.00  E. Orton, Jr., Ceramic Fund, Westerville, Ohio, for John L. Carruthers Fellowship in Ceramic Engineering.

$21,917.96  W. H. Havener, M.D., Inc., Columbus, Ohio, for Ophthalmology Teaching Fund.

$20,154.00  William Walter, Columbus, Ohio--$16,926.00 for College of Law Advancement Fund; $1,612.00 for Music Emergency Fund; $1,612.00 for Friends of WOSU; and $4.00 for Student Athlete Grant-in-Aid.

$20,111.00  Sterling-Winthrop Research Institute, Rensselaer, New York, for Cardiovascular Pharmacology.

$20,000.00  Mansfield University Foundation, Inc., Mansfield, Ohio, for Mansfield Branch Scholarship Fund.

$20,000.00  Miles Laboratories, Inc., West Haven, Connecticut, for Infectious Disease Research Fund.

$19,874.12  William Buente, Spring Lake, New Jersey, for College of Medicine Progress Fund.

$19,408.00  C. F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation.

$18,436.80  James Nordholt, Tiffin, Ohio, for Nordholt Professorship in Engineering.

$18,350.00  Paul Ludwig, Marion, Ohio, for Chair in Food Industries.

$17,000.01  Needham Harper, New York, New York, for WOSU Support Fund.

$16,147.52  Retinal Consultants, Columbus, Ohio, for Retina Research Fund.

$15,555.08  University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$15,000.00  Alcoa Foundation, Pittsburgh, Pennsylvania--$10,000.00 for Affirmative Action Fund and $5,000.00 for Advanced Design Methods Laboratory Mechanical Engineering.

$15,000.00  King Saud University, Riyadh, Saudi Arabia, for El-Obeid Project.

$15,000.00  TRW Foundation, Cleveland, Ohio--$10,000.00 for Advanced Design Methods Laboratory Mechanical Engineering Fund and $5,000.00 for Capital Campaign in Industrial Systems.
April 1, 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)

- $14,590.00  Grace Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Memorial Fund.
- $14,000.00  Katherine Parrett, Washington Court House, Ohio, for Katherine E. Parrett Scholarship.
- $12,500.00  Vesuvius Crucible Charitable Foundation, Pittsburgh, Pennsylvania--$6,250.00 for Engineering Evaluation Program and $6,250.00 for Engineering Mechanics Chairman's Discretionary Fund.
- $11,716.00  Whirlpool Corporation, Marion, Ohio, for Electrical Engineering Chairman's Discretionary Fund.
- $10,100.00  Pfizer, Inc., Groton, Connecticut, for Horton Polysaccharide Research Account.
- $10,100.00  Sanford Price, Woodville, Ohio--$10,000.00 for Price Family Agriculture Fund and $100.00 for Student Athlete Grant-in-Aid.
- $10,035.00  Schring-Plough Fund, Kenilworth, New Jersey--$10,000.00 for Graduate Training Fund and $35.00 for College of Agriculture.
- $10,000.00  Armco Foundation, Middletown, Ohio, for Ohio 4-H Foundation Support Fund.
- $10,000.00  Baker and Company, Columbus, Ohio, for Chair in Food Industries.
- $10,000.00  C. Brian, Eaton, Ohio, for Martha Brian Scholarship.
- $10,000.00  Eaton Charitable Foundation, Cleveland, Ohio, for Advanced Design Methods Laboratory Mechanical Engineering.
- $10,000.00  Ferrous Industry Energy Research, Hamilton, Ontario, Canada, for Fera Research Fund.
- $10,000.00  Glaxo, Inc., Fort Lauderdale, Florida, for Antibiotic Research Rotary - Robert Fass.
- $10,000.00  Gleason Memorial Fund, Rochester, New York, for Gleason Fund.
April 1, 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 George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation Fund for Enology and Viticulture.

$ 10,000.00 Carole Schuller, Columbus, Ohio, for Otolaryngology Fund.

$ 10,000.00 TRW, Inc., Cleveland, Ohio--$5,000.00 for ElectroScience Lab Director's Fund and $5,000.00 for Capital Campaign in Industrial Systems.

$ 9,250.00 Porthouse Trust, Kent, Ohio--$5,250.00 for College of Engineering Campaign; $2,000.00 for Class of 1932 Presidents Fund; and $2,000.00 for College of Engineering Special Fund.

$ 8,976.00 Ohio Federation of Federal Land Bank Association, Bellefontaine, Ohio, for Cooperative Business.

$ 8,648.28 Maurice Neidigh, State College, Pennsylvania, for Neidigh Scholarship in Veterinary Medicine.

$ 8,587.50 Wayne English, Washington, D. C., for Presidents Fund.

$ 8,475.00 Cyril Porthouse, Kent, Ohio, for Porthouse Fund.

$ 8,294.57 Brakeman Scholar, Middletown, Ohio--$7,294.57 for Harry and Ethel Brakeman Memorial Scholarship Fund and $1,000.00 for Harry and Ethel Brakeman Lectureship Fund.

$ 8,000.00 Gannett News Foundation, Rochester, New York, for Journalism Director's Special Fund.

$ 7,750.00 Jimmie Huitt, Richmond, Virginia, for Jimmie Huitt Fund.

$ 7,500.00 Hoffmann-LaRoche, Nutley, New Jersey, for Endocrine - Tumor Marker CEA Research Fund.

$ 7,500.00 Edgar W. Ingram Foundation, Columbus, Ohio--$3,000.00 for Edgar W. Ingram Foundation; $3,000.00 for College of Administrative Science; and $1,500.00 for Edgar W. Ingram Foundation Scholarship.

$ 7,500.00 Jobs for America's Graduates, Inc., Washington, D. C., for Center for Human Resource Research.

$ 7,500.00 Pennsylvania Power and Light, Allentown, Pennsylvania, for Mechanical Engineering Coal Combustion Laboratory Fund.
April 1, 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)

$ 7,500.00 Phillips Petroleum Foundation, Bartlesville, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

$ 7,200.00 Nationwide Insurance, Columbus, Ohio, for Graduate Industrial Organizational Students Fellowship.

$ 7,000.00 Marion College Foundation, Marion, Ohio, for Marion Campus Scholarship Fund.

$ 6,951.00 Chemical Abstracts Service, Columbus, Ohio, for WOSU Support Fund.

$ 6,740.00 Joseph Bitonte, Columbus, Ohio--$6,700.00 for Operation Eye Research and $40.00 for Student Athlete Grant-in-Aid.

$ 6,583.06 Melvin Moffitt, San Antonio, Texas, for Melvin E. Moffitt Memorial.

$ 6,509.00 William Buschman, Columbus, Ohio--$2,500.00 for Veterinary Medicine - Education and Research; $2,500.00 for Geology Support Fund; $1,500.00 for Cheerleaders Support Fund; and $9.00 for Student Athlete Grant-in-Aid.

$ 6,500.00 Gwendolyn Buschman, Columbus, Ohio--$2,500.00 for Geology Support Fund; $2,500.00 for Veterinary Medicine - Education and Research Fund; and $1,500.00 for Cheerleaders Support Fund.

$ 6,325.99 University Renal Group, Columbus, Ohio--$4,467.99 for Renal Disease Research Fund and $1,858.00 for University Renal Group Research Fund.

$ 6,013.00 Huntington National Bank, Columbus, Ohio, for WOSU Support Fund.

$ 6,000.00 AM Cyanamid Company, Wayne, New Jersey, for Vascular Surgery Development Fund.

$ 6,000.00 Chevron, USA, Inc., San Francisco, California--$5,000.00 for Chevron Graduate Study and $1,000.00 for Geology Support Fund.

$ 6,000.00 Clippard Instrument Lab Industries, Cincinnati, Ohio, for Fluid Power Fund.
April 1, 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)

$ 6,000.00 Dow Chemical Company Foundation, Midland, Michigan, for Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering.

$ 6,000.00 Optom Educators, Inc., Columbus, Ohio, for Glenn Fry Professorship.

$ 5,513.75 William Junk, Washington Court House, Ohio, for William M. and Frances Smith Junk Endowed Fund.

$ 5,500.00 Amoco Foundation, Inc., Chicago, Illinois--$1,500.00 for Julie Anne Klein Award in Food Science and Nutrition; $1,500.00 for Department of Chemical Engineering Support Fund; $1,500.00 for Department of Mechanical Engineering Support Fund; and $1,000.00 for College of Law Advancement Fund.

$ 5,475.00 Barbara Racey, Worthington, Ohio, for Oral Surgery Support Fund.

$ 5,433.56 Eye Physicians and Surgeons, Columbus, Ohio, for Ophthalmology Teaching Fund.

$ 5,147.01 Josef Knull, Columbus, Ohio, for Dorothy J. and Josef Knull Fund.

$ 5,023.30 Susan Benes, Columbus, Ohio, for Ophthalmology Teaching Fund.

$ 5,015.00 June Battles, Columbus, Ohio, for Torrence Makley Fund.

$ 5,010.00 Ray Groves, Cleveland, Ohio--$2,000.00 for College of Administrative Science; $2,000.00 for Accounting - Special Fund; and $1,010.00 for Student Athlete Grant-in-Aid.

$ 5,000.00 Helen Allison, Columbus, Ohio, for Dr. Floyd M. Beman Fund.

$ 5,000.00 Campbell Soup Fund, Davis, California, for Chair in Food Industries.

$ 5,000.00 Ernst & Whinney Foundation, Cleveland, Ohio, for Ernst & Whinney Conference on Accounting Education.

$ 5,000.00 William Fink, Prescott, Arizona, for W. H. Fink Prize Fund.
April 1, 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 Ford Motor Company, Dearborn, Michigan--$2,500.00 for Affirmative Action Fund; $1,500.00 for Women in Engineering Scholarship Fund; and $1,000.00 for Women Engineers in Engineering Administration.

$ 5,000.00 Hannon Company, Canton, Ohio, for Equine Embryo Research - Threlfall.

$ 5,000.00 Helen Hayes, Portland, Ohio, for Operation Eye Research.

$ 5,000.00 Jack Hendershot, Findlay, Ohio, for Torrence Makley Fund.

$ 5,000.00 Stanley Joehlin, Curtice, Ohio, for Stanley Joehlin Award in Agricultural Engineering.

$ 5,000.00 Kali-Duphar Labs, Columbus, Ohio, for Kali-Duphar - Witiak.

$ 5,000.00 Sherry Levin, Cincinnati, Ohio, for Torrence Makley Fund.

$ 5,000.00 Bert McClanahan, Columbus, Ohio, for Student Athlete Grant-in-Aid.

$ 5,000.00 McDonald Ohio, Westerville, Ohio, for Ohio 4-H Foundation Support Fund.

$ 5,000.00 OSU Oncology Immunology Lab, Columbus, Ohio, for Cancer Research Fund - Dr. Minton.

$ 5,000.00 Ross Labs, Columbus, Ohio, for Human Nutrition and Food Management Special Projects Fund.

$ 5,000.00 M. Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

Gift-in-Kind

$ 77,703.00 Ervin Nutter, Xenia, Ohio, 4-H Camp Clifton Health Center.
April 1, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Report - January 1983

Gifts of $5,000 or more

$47,192.00 Ohio Seed Improvement, Dublin, Ohio--$23,646.00 for Soybean Research and $23,546.00 for Wheat Development.

$35,000.00 Bremer Foundation, Youngstown, Ohio, for Bremer Foundation.

$27,150.00 Anna Roessler Trust, Columbus, Ohio, for Roessler Memorial Medical Scholarship Fund.

$20,000.00 Kellogg’s, Battle Creek, Michigan, for Special NC-151 Fund.

$17,500.00 WTVN-AM Radio, Columbus, Ohio, for Center for Visual Arts.

$16,290.08 Retinal Consultants, Columbus, Ohio--$14,448.79 for Retina Research Fund and $1,841.29 for Ophthalmology Photography Fund.

$15,400.00 Seward Schooler, Coshocton, Ohio, for Reese-Schooler Fund.

$11,302.03 Carl Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

$10,500.00 Merck and Company, Inc., Rahway, New Jersey--$7,000.00 for Infectious Disease Research Fund and $3,500.00 for Veterinary Pathobiology Research and Development Fund.

$10,000.00 M. Speck, Youngstown, Ohio, for M. Henry and Myron E. Speck Fund.

$ 8,224.00 Bell Laboratories, Murray Hill, New Jersey, for Electrical Engineering Chairman’s Discretionary Fund.

$ 6,000.00 Central Ohio Center for Economic Education, Columbus, Ohio, for Economics Education Fund.

$ 5,330.42 Robert Sessions, Columbus, Ohio, for Ohio Student Loan Fund.

$ 5,000.00 Corn Refiners Association, Inc., Washington, D. C., for Special NC-151 Fund.

$ 5,000.00 Reynolds Industries, Inc., Winston-Salem, North Carolina, for College of Agriculture.
April 1, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Warner and Lora Pomerene Faculty Enhancement Fund

The Warner and Lora Pomerene Faculty Enhancement Fund was established April 1, 1983, by the Board of Trustees of The Ohio State University through a bequest to The Ohio State University by the late Warner and Lora Pomerene.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 attract, award, and retain outstanding teachers in the College of Agriculture and Home Economics. Distribution of these funds will be made by the Associate Dean of the College in charge of Resident Instruction, on the approval of the Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources.

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 of the appropriate administrative official of the University, who is then directly responsible for agricultural resident instruction.

The J. Parker and Kathryn Webb Dinius Fellowship Fund

The J. Parker and Kathryn Webb Dinius Fellowship Fund was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from J. Parker (K-Com. ’26) and Kathryn Webb Dinius (B.S.Ed. ’25) of Findlay, Ohio.

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 fellowship funds for graduate or professional level students at The Ohio State University who have earned a varsity sports letter at The Ohio State University during undergraduate years, with preference given to football players. The selection of the recipient(s) shall be made by the University Committee on Student Financial Aids, in collaboration with the appropriate officials responsible for graduate school fellowships.

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 appropriate administrative official of the University who is then directly responsible for the University athletic program.
April 1, 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 Chicago Corporation Fund

The Chicago Corporation Fund was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Chicago Corporation, Chicago, Illinois, and W. Peter Williams, 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 at the discretion of the Dean of the College of Administrative Science to enrich and support academic programs 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 to be the most beneficial to the College of Administrative Science.

William A. Schoonover - Trane Scholarship

The William A. Schoonover - Trane Scholarship was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family, friends, and associates of William A. Schoonover, B.S. Industrial Systems Engineering, 1946.

All gifts are to be invested in the University’s Permanent Endowment Fund under the rules and regulations 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 a male undergraduate student pursuing a degree in Engineering. The student(s) should be of high moral character with demonstrated financial need and proven academic ability. The scholarship should be awarded to a junior or senior with preference given to previous recipients. The selection of the recipient is to be made upon the recommendation of the Dean, College of Engineering.

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 engineering education.
April 1, 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)

Metropolitan Washington, D. C., Alumni Scholarship Fund

The Metropolitan Washington, D. C., Alumni Scholarship Fund was established April 1, 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 Metropolitan Washington, D. C. area.

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

The annual income is to be used to provide one or more scholarships for undergraduate students from the Metropolitan Washington, D. C. area enrolled in The Ohio State University, with preference given to students who are in the upper twenty-five percentile of a national test, such as the ACT, SAT, etc. The selection of the recipient is to be made in accordance with the recommendation of a selection committee from The Ohio State University Alumni Club of Washington, D. C. in conjunction with 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 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.

The Department of Family Relations and Human Development Endowed Fund

The Department of Family Relations and Human Development Endowed Fund was established April 1, 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 Department of Family Relations and Human Development.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 support for special activities and projects of the Department of Family Relations and Human Development in the School of Home Economics. Funds will be allocated upon the recommendation of the chairman of the Department of Family Relations and Human Development.
April 1, 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 Department of Family Relations and Human Development Endowed 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 the School of Home Economics.

The Ellen Gerlat Memorial Scholarship Fund in Veterinary Medicine

The Ellen Gerlat Memorial Scholarship Fund in Veterinary Medicine was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in loving memory of Ellen Gerlat, first-year student in the College of Veterinary Medicine, from her parents, Mr. and Mrs. Norman Gerlat, and from other family and friends.

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

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Veterinary Medicine who best exemplify the academic excellence and personal leadership which Ellen possessed, as evidenced by the fact that she graduated Phi Beta Kappa, summa cum laude from Ohio State University in 1982 and carried a 4.00 accumulative average during her first year enrolled in the College of Veterinary Medicine. The student(s) should: (1) be residents of Ohio; (2) have done the majority of their undergraduate work at The Ohio State University; and (3) be a first-year student in the College of Veterinary Medicine.

Only one award will be given until such time as the interest generates 150 percent of a quarter’s tuition. Once the interest yields more than 150 percent of one quarter’s tuition, then the funds would be divided equally between two recipients. No one award will represent more than 150 percent of one quarter’s tuition. The selection of the recipients is to be made by the College Scholarship Committee after the students’ first quarter in the College and will be approved by the Dean of the College of Veterinary Medicine.

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 veterinary medical education.
April 1, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 83-113

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:

PARKING LOT MAINTENANCE 1983 - EMULSION SEAL COAT

Project: To increase the longevity of newly constructed parking lots, seal-coating will be applied to the following lots:
Tuttle Park Lots 1 and 2 East
Tuttle Park Lots 1, 2, 3, and 4 West
Lord Hall Lot
Dental Lot
Water Resources Lot
Fawcett Center North and South
French Field House North and South
Print Shop Lot

Funding: Traffic and Parking - Account 885071

Estimated Project Cost: $69,274.00

PARKING LOT MAINTENANCE 1983 - PATCH, REPAIR AND SLURRY SEAL

Project: Patching, crack sealing, and slurry seal, due to deterioration of four heavily used parking lots located at the new Vocational Technical Education Building, Vivian Hall, Animal Science Building, and Howlett Hall.

Funding: Traffic and Parking - Account 885071

Estimated Project Cost: $38,006.00

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. 83-114

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:

AGRICULTURAL ADMINISTRATION BUILDING REMODELING

Description: This project will improve the quality of space assigned to certain units and relieve overcrowded conditions in the building.

General Contract

<table>
<thead>
<tr>
<th>Date Received:</th>
<th>February 7, 1983</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Bids:</td>
<td>5</td>
</tr>
<tr>
<td>Low Bid:</td>
<td>$115,440.00*</td>
</tr>
<tr>
<td>High Bid:</td>
<td>$165,494.00*</td>
</tr>
<tr>
<td>Estimate of Cost:</td>
<td>$151,637.00*</td>
</tr>
<tr>
<td>Awarded to:</td>
<td>Baranda Construction Co.</td>
</tr>
</tbody>
</table>

* Recommended alternates reflected in these figures.
April 1, 1983 meeting, Board of Trustees

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

AGRICULTURAL ADMINISTRATION BUILDING REMODELING (contd)

HVAC Contract

Date Received: February 7, 1983
No. of Bids: 2
Low Bid: $116,379.00*
High Bid: $120,900.00*
Estimate of Cost: $132,336.00*
Awarded to: Edmonds Mechanical Contractors

Electrical Contract

Date Received: February 7, 1983
No. of Bids: 2
Low Bid: $77,131.00*
High Bid: $91,873.00*
Estimate of Cost: $94,000.00*
Awarded to: J & L Electric Co.

Total All Contracts: $308,950.00
Total Contingency Allowance: $21,195.11
Total Project Cost: $370,500.00
Funding: Amended Substitute 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. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
April 1, 1983 meeting, Board of Trustees

EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 83-115

Synopsis: Renewal of electrical transmission line easement at Lane Avenue and North Star Road is proposed.

WHEREAS in 1968 the University granted to the Columbus and Southern Ohio Electric Company an easement 1160 feet in length and 15 feet wide for the purpose of servicing University property at 2470 North Star Road; and

WHEREAS this easement expires on July 29, 1983 and the University has received a request from C&SOE to renew the easement for a period of fifteen years upon the same terms and conditions as the original easement; and

WHEREAS the electrical transmission lines for which the easement is requested serve only University facilities; and

WHEREAS the appropriate University 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. Berry, seconded by Dr. Jacob, the foregoing resolution was adopted by the Board of Trustees by unanimous roll call vote.

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DENTAL CARE GROUP INSURANCE PROGRAM
Resolution No. 83-116

Synopsis: Renewal dental insurance contract is recommended for award.

WHEREAS the Board of Trustees on February 1, 1980 designated Ohio Medical Indemnity Mutual Corporation as the provider for the faculty/staff group dental insurance program for a three-year period, effective May 1, 1980; and

WHEREAS it has been deemed appropriate to review the program and to solicit new quotations for continuing the coverage subsequent to the April 30, 1983 expiration date of the current three-year contract; and
April 1, 1983 meeting, Board of Trustees

**DENTAL CARE GROUP INSURANCE PROGRAM (contd)**

WHEREAS quotations were requested from twenty-three (23) insurance firms and received from ten (10) providers; and

WHEREAS the appropriate University offices have made a comparative analysis of the program elements, rate quotations, and provider delivery capabilities, and based on this effort a recommendation for renewal has been formulated:

NOW THEREFORE

BE IT RESOLVED, That, contingent upon resolution of the issues relating to provider offices to facilitate the dual-choice plan, Ohio Medical Indemnity Mutual Corporation be designated as the carrier for the group dental insurance program at a monthly premium of $7.63 per faculty/staff member, or an estimated annual premium of $1,161,588. Coverage will be available for dependents on an optional basis at a monthly premium of $7.63 for one dependent and $18.41 for two or more dependents. Fifty percent of the premium for dependent coverage will be paid by the University (estimated annual cost, $535,926); the balance will be paid by participating faculty/staff members via payroll deduction; and

BE IT FURTHER RESOLVED, That the contract for coverage be awarded for a 26-month period effective May 1, 1983, with the understanding that this contract may be subject to renegotiation if the issues related to the dual-choice plan cannot be satisfactorily resolved on or before October 1, 1983.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution with five affirmative votes cast by Messrs. Hilliker, Havens, Immke, Berry and Mrs. Bowser and two abstentions by Mr. Smith and Dr. Jacob.

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**FINANCING CERTAIN AUXILIARY FACILITIES**

Resolution No. 83-117

*Synopsis: Authorization to determine the method of financing certain auxiliary facilities is recommended.*

WHEREAS, the Board of Trustees (the “Board”) of The Ohio State University (the “University”) has adopted on this date Resolution No. 83-118 providing for the issuance and sale of not to exceed $18,500,000.00 of The Ohio State University General Receipts Bond Anticipation Notes, Series 1983 (the “Series 1983 Notes”), to finance certain Auxiliary Facilities, therein defined; and

WHEREAS, the Board has adopted on this date Resolution No. 83-119 providing for the authorization, issuance and sale of not to exceed $18,500,000.00 of The Ohio State University General Receipts Bonds, Series 1983 (the “Series 1983 Bonds”), to finance certain Auxiliary Facilities, therein defined; and
FINANCING CERTAIN AUXILIARY FACILITIES (contd)

WHEREAS, the Board does not intend to issue both the Series 1983 Notes and the Series 1983 Bonds, but rather one or the other; and

WHEREAS, because of uncertain market conditions affecting the sale of debt obligations of the University the Board desires to have the flexibility to take advantage in its method of financing its Auxiliary Facilities of the most favorable market conditions prevailing at the time of such financing;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. The Fiscal Officer (as defined in the resolutions mentioned in the Preambles hereof) is hereby authorized and directed to determine whether the University will issue General Receipts Bond Anticipation Notes or General Receipts Bonds for the purpose of financing certain Auxiliary Facilities, giving due consideration to such factors as interest rates and other market factors connected with the sale of debt obligations of the University, and the time of need of note or bond proceeds.

Section 2. It is found and determined that all formal actions of this Board and of any of its committees concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

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

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AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED $18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY

Resolution No. 83-118

Synopsis: Authorization, issuance and sale of not to exceed $18,500,000.00 General Receipts Bond Anticipation Notes, Series 1983, of The Ohio State University.

WHEREAS, The Ohio State University (herein called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, by resolution adopted by its Board of Trustees (herein called the "Board") May 7, 1971 (herein called the "General Bond Resolution") and by a Trust Agreement dated as of June 1, 1971 (herein called the "Trust Agreement"), comprised in part of the General Bond Resolution, has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto; and
April 1, 1983 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED $18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)

WHEREAS, the General Bond Resolution was adopted and the Trust Agreement was authorized by the Board pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, enacted by the General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, which authorize the University to issue its Bonds to pay costs of certain capital facilities, defined as “auxiliary facilities” in Section 3345.12 of the Ohio Revised Code and called “University Facilities” in the General Bond Resolution, and to refund, fund or retire such Bonds or other obligations previously issued for such purpose; and

WHEREAS, there is presently outstanding $2,720,000.00 principal amount of General Receipts Bonds, Series 1971, and $8,550,000.00 principal amount of General Receipts Bonds, Series 1981, heretofore issued and delivered pursuant to the Trust Agreement; and

WHEREAS, the University has previously determined, and does hereby confirm, that it is necessary to construct a coal fired boiler with required air pollution equipment; to extend existing steam lines to service the west dormitory complex, the midwest campus, and hospital facilities; and to refurbish the existing steam lines and power plant and herein called the “Project,” the cost of which Project is estimated to be not less than $18,500,000.00;

WHEREAS, it is necessary and desirable to issue bond anticipation notes in the principal amount not to exceed $18,500,000.00 for the purpose of the Project, which notes shall be issued in anticipation of the issuance of a series of General Receipts Bonds of the University, under the Trust Agreement, as supplemented.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. DEFINITIONS AND INTERPRETATIONS. All words and terms defined in Section 1 of the General Bond Resolution and all interpretations therein provided shall have the same meanings, respectively, and be subject to the same interpretations as therein provided where used in this Resolution, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award (the “Certificate of Award”) provided for in Section 4 hereof, is sometimes herein called and may be known as the “Resolution,” the Notes authorized by this Resolution are referred to herein as the “Notes,” and the terms “hereof,” “hereby,” “hereto,” “herein,” and “hereunder,” and similar terms, mean this Resolution. As used in this Resolution, “Project” shall have the meaning provided for such term in the preambles hereto.

Section 2. AUTHORIZATION, TERMS AND PURPOSE OF THE NOTES. That in order to obtain funds for the Project, the Board hereby determines that pursuant to the laws of the State of Ohio, and particularly Chapter 3345 and Sections 3345.11 and 3345.12 of the Ohio Revised Code, and the General Bond Resolution, to the extent applicable, there shall be issued its negotiable notes in anticipation of the issuance of General Receipts Bonds of the University, in the principal amount not to exceed $18,500,000.00. The notes shall be
April 1, 1983 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED $18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)

dated and shall mature on the dates determined by the Fiscal Officer, of the denomination of $5,000 each, or any integral multiple thereof, numbered from 1 upwards, and shall not be subject to call for redemption prior to maturity, unless the Fiscal Officer determines that the Notes shall be callable. The Notes shall bear interest at the rate or rates approved by the Fiscal Officer, payable at maturity of the Notes. Principal of and interest on the Notes shall be payable upon presentation at maturity in lawful money of the United States of America at the principal office of The Huntington National Bank of Columbus, Columbus, Ohio, or such other bank as determined by the Fiscal Officer (herein the “Paying Agent”). The Notes shall be bearer obligations, issued without coupons. The Notes may be issued in installments with a common maturity date.

Section 3. DESIGNATION AND EXECUTION. The Notes shall be designated “General Receipts Bond Anticipation Notes, Series 1983.” They shall be negotiable instruments and shall express upon their face the purpose for which they are issued and that they are issued pursuant to general laws of Ohio, particularly Chapter 3345 of the Ohio Revised Code and to this Resolution. The Notes shall be executed in the same manner provided for obligations issued under the General Bond Resolution.

Section 4. SALE OF NOTES. The Notes shall be sold to The Ohio Company (the “Original Purchaser”), Columbus, Ohio, at such terms (including sale at either par or a discount), interest rate or rates and conditions as accepted by the Fiscal Officer as provided in this Section, provided that the net interest rate shall not exceed 10-1/2% per annum. The Fiscal Officer may also cause to be prepared and printed and, together with the Chairman of this Board, shall sign an official statement of the University setting forth appropriate material information pertaining to the University and to the Notes, in sufficient number for distribution by the Original Purchaser.

The Fiscal Officer shall establish the terms, conditions and interest rate or rates for the Notes by a certificate of the Fiscal Officer, herein called the “Certificate of Award,” which shall identify in this Resolution, the interest rate or rates, and state such other data or provisions as the Fiscal Officer determines consistent with this Resolution.

Section 5. APPLICATION OF PROCEEDS OF NOTES. The proceeds from the sale of the Notes shall be used for the purposes of the Project. Pending such use, the proceeds of sale of the Notes shall be invested, subject to the limitations imposed by the Internal Revenue Code of 1954 and Regulations promulgated or proposed thereunder, and Section 9 of this Resolution, in obligations approved by the Fiscal Officer.

Section 6. PLEDGE OF GENERAL RECEIPTS. Principal of and interest on the Notes, together with the principal of and interest on any other notes that may hereafter be issued by the University on a parity therewith, shall be equally and ratably payable from, and secured by a pledge of and a lien on, the “General Receipts” of the University as defined in Section 1 of the General Bond Resolution, but subject to the existing pledges thereof in favor of the series bonds issued pursuant to the General Bond Resolution, and the principal of and interest on the Notes shall also be equally and ratably payable from, and secured by a pledge of
and lien on, the proceeds of the sale of General Receipts Bonds or notes issued pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code or other authorizing provisions of law to refund or retire the Notes; provided that neither the State of Ohio nor the University or its Board of Trustees shall be obligated to pay the principal of or interest on the Notes from any other funds or source, nor shall the Notes be a claim upon or lien against any property of the State of Ohio or any other property of or under the control of the University, and the Notes, as to both principal and interest, are not debts or bonded indebtedness of the State of Ohio, are not general obligations of the State or the University, the full faith and credit thereof are not pledged thereto, and the owners of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of such principal or interest.

In connection with the aforesaid covenant, it is the present intention of the University that such bonds as may be issued to retire the Notes will be issued as General Receipts Bonds pursuant to the General Bond Resolution.

Section 7. RELEASE OF LIEN. The foregoing pledges in favor of the Notes shall be released upon the deposit by the University, with the Paying Agent, of cash or direct obligations of the United States of America, or a combination thereof (which United States government securities mature on or before the maturity date of the Notes) in an amount sufficient fully to discharge the principal and interest requirements of the Notes at and prior to maturity.

Section 8. PAYMENT OF NOTES. In the event any of the Notes shall not be presented for payment when the principal thereof becomes due, if moneys for the purpose of paying, and sufficient to pay, such note shall have been made available to the Paying Agent therefor, it shall be the duty of the Paying Agent to hold such moneys in trust, without liability to the University or the owner of the note for interest thereon, for the benefit of such owner, who shall, subject to the provisions of this Section, thereafter be restricted exclusively to such moneys for any claim of whatever nature on his part under this Resolution or on, or with respect to, said note. Any moneys which shall be so held by the Paying Agent, and which remain unclaimed by the owner of the note not presented for payment, for a period of three
years after the date on which such note shall have become payable as provided above, shall, upon request in writing by the University, be paid to the University, and thereafter the owner of such note shall look only to the University for payment and then only to the amounts, or to the extent of amounts, so received by the University without any interest thereon, and the Paying Agent shall have no further responsibility with respect to such moneys.

The moneys paid to the University pursuant to this Section 8 shall be credited by it to a special fund of the University, as a trust fund separate and apart from other funds of the University, to be maintained in an account or accounts with a bank or banks that are members of the Federal Deposit Insurance Corporation. The University shall keep a record of the amounts so deposited in said special fund, and moneys in such fund shall be applied to payment of principal of the note or notes with respect to which such money is transferred to the University. Moneys in such special fund unclaimed for fifteen years after such moneys are paid to the University shall become the absolute property of the University free from all claims of any kind.

Section 9. USE OF PROCEEDS. The University hereby covenants that it will restrict the use of the proceeds of the Notes in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Notes, so that the Notes will not constitute arbitrage bonds under Section 103(c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer or any other officer, including the Secretary of the Board, having responsibility for issuing the Notes is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings for the Notes, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Notes regarding the amount and use of the proceeds of the Notes and the facts, estimates and circumstances on which they are based, pursuant to said Section 103(c) and the applicable income tax regulations thereunder. The Fiscal Officer shall furnish to the Original Purchaser a true transcript of proceedings, certified by him, of all proceedings had with reference to the issuance of the Notes along with such information from the records as is necessary to determine the regularity and validity of the issuance of said Notes.

Section 10. CONTRACT WITH NOTE HOLDERS. This Resolution and the pledges and covenants of the Board of Trustees made herein shall constitute a contract between the University and the owners of the Notes, and no alteration or variation of any of the provisions of this Resolution shall be made so long as any of said Notes remain outstanding and unpaid, except with the written consent of all of such owners.

Section 11. AUTHORITY OF OFFICERS. The officers of the University and of this Board are hereby authorized to take any and all action necessary or proper to comply with the terms of this resolution and to effect timely delivery of the Notes, and to execute all necessary and appropriate certifications with respect to the Notes and the disposition of the proceeds of sale thereof.
April 1, 1983 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED $18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)

Section 12. REQUIRED APPROVALS. This Board hereby directs the Fiscal Officer to defer the issuance of the Series 1983 Bonds until the University receives the appropriate approvals from the Ohio Board of Regents and from the Environmental Protection Agency, as well as any additional approvals that the Fiscal Officer deems to be required prior to the delivery of the Series 1983 Bonds.

Section 13. OPEN MEETING. This Board hereby finds and determines that all formal actions relative to the passage of this resolution were taken in an open meeting of this Board, and that all deliberations of this Board and of its committees, if any, which resulted in formal action, were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

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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AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED $18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983, OF THE OHIO STATE UNIVERSITY

Resolution No. 83-119

Synopsis: Authorization, issuance and sale of not to exceed $18,500,000.00 General Receipts Bonds, Series 1983, of The Ohio State University, pursuant to Trust Agreement dated as of June 1, 1971.

WHEREAS, The Ohio State University (herein called the “University”), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, by resolution adopted by its Board of Trustees (herein called the “Board”) May 7, 1971 (herein called the “General Bond Resolution”) and by a Trust Agreement dated as of June 1, 1971 (herein called the “Trust Agreement”), comprised in part of the General Bond Resolution, has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto; and

WHEREAS, the General Bond Resolution was adopted and the Trust Agreement was authorized by the Board pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code enacted by the General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, which authorize the University to issue its Bonds to pay costs of certain capital facilities, defined as “auxiliary facilities” in Section 3345.12 of the Ohio Revised Code and called “University Facilities” in the General Bond Resolution and in this Series 1983 Resolution, and to refund, fund or retire such Bonds or other obligations previously issued for such purpose; and
AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
$18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983,
OF THE OHIO STATE UNIVERSITY

WHEREAS, there is presently outstanding $2,720,000.00 principal amount of General Receipts Bonds, Series 1971, and $8,550,000.00 principal amount of General Receipts Bonds, Series 1981, heretofore issued and delivered pursuant to the Trust Agreement; and

WHEREAS, the University has previously determined, and does hereby confirm, that it is necessary to construct a coal fired boiler with required air pollution equipment; to extend existing steam lines to service the west dormitory complex, the midwest campus, and hospital facilities; and to refurbish the existing steam lines and power plant and herein called the "Project," the cost of which Project is estimated to be not less than $18,500,000.00; and

WHEREAS, the University previously determined, and does hereby confirm, to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds at such time and in such principal amount as may be necessary for such purpose; and

WHEREAS, pursuant to the foregoing, the University has determined to issue, as the third issue of Bonds under the Trust Agreement, not to exceed $18,500,000.00 principal amount of General Receipts Bonds, to be designated General Receipts Bonds, Series 1983, for the purposes of the Project, and desires to provide therefor by this Resolution of its Board;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. DEFINITIONS AND INTERPRETATIONS. All words and terms defined in Section 1 of the General Bond Resolution and all interpretations therein provided shall have the same meanings, respectively, and be subject to the same interpretations as therein provided where used in this Resolution, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award (the "Certificate of Award") provided for in Section 5 hereof, is sometimes herein called and may be known as the "Series 1983 Resolution," the Bonds authorized by this Resolution are referred to herein and in the Third Supplemental Trust Agreement hereby authorized as the "Series 1983 Bonds," and the terms "hereof," "hereby," "hereto," "herein," and "hereunder," and similar terms, mean this Resolution. As used in this Resolution, "Project" shall have the meaning provided for such terms in the preambles hereto.

Section 2. AUTHORITY. This Resolution is adopted pursuant to the General Bond Resolution, the Trust Agreement, and the Act.

Section 3. AUTHORIZATION, DESIGNATION AND PURPOSE OF SERIES 1983 BONDS. It is hereby declared to be necessary to, and the University shall, issue, sell and deliver, as provided and authorized herein, not to exceed $18,500,000.00 principal amount of General Receipts Bonds of the University which shall be designated "General Receipts Bonds, Series 1983," for the purpose of paying the costs of the University Facilities that comprise the Project. For such purpose, the proceeds from the sale of the Series 1983 Bonds shall be allocated, deposited and applied as provided in Section 6 hereof.
April 1, 1983 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
$18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983,
OF THE OHIO STATE UNIVERSITY (contd)

Section 4. TERMS AND PROVISIONS APPLICABLE TO THE SERIES 1983 BONDS.

(a) FORM AND NUMBERING. The Series 1983 Bonds shall be issued initially in
the form of coupon Bonds registrable as to principal only or of fully
registered Bonds as requested by the Original Purchaser thereof (subject to
legal requirements), shall be exchangeable for Series 1983 Bonds in coupon
form or fully registered form as provided in the Trust Agreement, and shall
be numbered as determined by the Fiscal Officer.

(b) DENOMINATION AND DATES. The Series 1983 Bonds in coupon form
shall be in the denomination of $5,000 each, and shall be dated as of June 1,
1983, or on such other date as set forth in the Certificate of Award. The
Series 1983 Bonds in fully registered form shall be in the denomination of
$5,000 and any integral multiple thereof authorized by the Trust Agree-
ment, and shall be dated as of the date of Series 1983 Bonds in coupon form
if authenticated prior to the first interest payment date, and otherwise shall
be dated as of the last interest payment date preceding the date of their au-
thentication except that if authenticated on an interest payment date they
shall be dated as of such date of authentication; provided that if at the time
of authentication, interest thereon is in default, they shall be dated as of the
date to which interest has been paid. Each Series 1983 Bond shall have only
one principal maturity date, except for interim certificates or receipts which
may be issued pending preparation of definitive Bonds.

(c) INTEREST. The Series 1983 Bonds shall bear interest from their respective
dates payable semiannually on June 1 and December 1, beginning December
1, 1983, at the respective rates per annum set forth in the Certificate of
Award.

(d) MATURITIES. The Series 1983 Bonds shall mature on December 1 in the
years and in the principal amounts set forth in the Certificate of Award.

(e) REDEMPTION TERMS AND PRICES. The Series 1983 Bonds may be is-
issued subject to redemption at the option of the University prior to their
stated maturities, in whole or in part, in accordance with the terms, condi-
tions, redemption prices and on the dates set forth in the Certificate of
Award. If less than all of the outstanding Series 1983 Bonds are called for
redemption at one time, they shall be called in inverse order of the maturi-
ties of the Series 1983 Bonds outstanding; and if less than all of the out-
standing Series 1983 Bonds of one maturity are to be called, the selection of
such Series 1983 Bonds, or portions of fully registered Bonds, of such matur-
ity to be called shall be made by lot in the manner provided in the Trust
Agreement. Notice of call for redemption of Series 1983 Bonds shall be
given in the manner provided in the Trust Agreement.
AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED $18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)

(f) PLACE OF PAYMENT AND PAYING AGENTS. The Bond service charges, including principal, interest and any redemption premium, on the Series 1983 Bonds in coupon form, other than principal of or any redemption premium on coupon bonds registered as to principal other than to bearer, shall be payable at the principal corporate trust office of the Trustee, or, at the option of the holder at the principal corporate trust office of the Chemical Bank, New York, New York. The principal of and any redemption premium on fully registered Series 1983 Bonds and of Series 1983 coupon bonds registered as to principal (except to bearer) shall be payable at the principal corporate trust office of the Trustee and the interest on fully registered Series 1983 Bonds shall be payable by check or draft, as provided in the Trust Agreement.

(g) EXECUTION. The Series 1983 Bonds and the coupons pertaining thereto shall be executed in the manner provided in the General Bond Resolution.

Section 5. SALE OF SERIES 1983 BONDS. The Series 1983 Bonds shall be sold to The Ohio Company (the "Original Purchaser"), Columbus, Ohio, at such terms (including sale at either par or a discount), interest rate or rates and conditions as accepted by the Fiscal Officer as provided in this Section, provided that the net interest rate shall not exceed 10-1/2% per annum. The Fiscal Officer may also cause to be prepared and printed and, together with the Chairman of this Board, shall sign an official statement of the University setting forth appropriate material information pertaining to the University and to the Series 1983 Bonds, in sufficient number for distribution by the Original Purchaser.

The Fiscal Officer shall establish the terms, conditions and interest rate or rates for the Series 1983 Bonds by a certificate of the Fiscal Officer, herein called the "Certificate of Award," which shall identify in this Resolution and the Trust Agreement, the interest rate or rates, and state such other data or provisions as the Fiscal Officer determines consistent with this Resolution and the Trust Agreement. The Certificate of Award shall be incorporated in and form a part of the Third Supplemental Trust Agreement authorized by Section 9 hereof.

Section 6. APPLICATION OF PROCEEDS OF SERIES 1983 BONDS. All of the proceeds from the sale of the Series 1983 Bonds shall be received and receipted by the Fiscal Officer, and shall be allocated, deposited and applied as follows:

(a) To the Bond Service Account in the General Receipts Bond Service Fund, the portion of such proceeds representing accrued interest and premium, if any; and

(b) To the Construction Account the balance of such proceeds to be used for the Project, including all costs incidental thereto and the costs of issuing the Series 1983 Bonds. Moneys in the Construction Account shall be invested in Eligible Investments, as defined in Section 1 of the General Bond Resolution, maturing not later than the times when such moneys are required for
April 1, 1983 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED $18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)

the purposes of the Project. Any surplus in the Construction Fund not required for the Project shall be transferred to the Bond Service Reserve Account or to the Bond Service Account at the discretion of the Fiscal Officer.

Section 7. USE OF PROCEEDS. The University hereby covenants that it will restrict the use of the proceeds of the Series 1983 Bonds in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Bonds, so that the Series 1983 Bonds will not constitute arbitrage bonds under Section 103(c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer or any other officer, including the Secretary of the Board, having responsibility for issuing the Series 1983 Bonds is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings for the Series 1983 Bonds, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Series 1983 Bonds regarding the amount and use of the proceeds of the Series 1983 Bonds and the facts, estimates and circumstances on which they are based, pursuant to said Section 103(c) and the applicable income tax regulations thereunder. The Fiscal Officer shall furnish to the Original Purchaser a true transcript of proceedings, certified by him, of all proceedings had with reference to the issuance of the Series 1983 Bonds along with such information from the records as is necessary to determine the regularity and validity of the issuance of said Bonds.

Section 8. FUNDING OF REQUIRED RESERVE. In accordance with and consistent with clause (2) (i) of Section 7 (b) of the General Bond Resolution, the portion of the Required Reserve necessitated by reason of the Series 1983 Bonds, based on the interest rates as set forth in the Certificate of Award, shall be funded as determined by the Fiscal Officer and may be funded from the proceeds of the Series 1983 Bonds, or as provided in the second paragraph of this Section 8, or a combination of such methods.

At the discretion of the Fiscal Officer, if required to fund the Required Reserve, at least five business days before each June 1 and December 1, commencing June 1, 1983, or as of the date of the delivery of the Series 1983 Bonds to the Original Purchaser, the University shall pay to the Trustee from the Bond Pledge Fund and, if necessary, from the proceeds of the Series 1983 Bonds or from any other General Receipts of the University, to the credit of the Bond Service Reserve Account, at least one-tenth of such portion of the Required Reserve necessitated by reason of the Series 1983 Bonds. Such payments to the Trustee shall, subject to clause (2) (iii) of Section 7 (b) of the General Bond Resolution, be made and continue at the times and in the amounts aforesaid until the aforesaid portion of the Required Reserve is fully funded.

Section 9. THIRD SUPPLEMENTAL TRUST AGREEMENT. The Chairman of the Board, the President of the University, the Secretary of the Board, and the Fiscal Officer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee, in the name of and on behalf of the University, a Third Supplemental Trust Agreement.
AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED $18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983 OF THE OHIO STATE UNIVERSITY

Agreement pursuant to the Trust Agreement and in connection with the issuance of the Series 1983 Bonds, in the form approved by the officer or officers executing the same on behalf of the University.

Section 10. REQUIRED APPROVALS. This Board hereby directs the Fiscal Officer to defer the issuance of the Series 1983 Bonds until the University receives the appropriate approvals from the Ohio Board of Regents and from the Environmental Protection Agency, as well as any additional approvals that the Fiscal Officer deems to be required prior to the delivery of the Series 1983 Bonds.

Section 11. OPEN MEETING. It is found and determined that all formal actions of this Board and of any of its committees concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

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

Mr. Havens commented concerning the handling of this financing as follows:

Mr. Chairman, this matter came before our committee this morning and we did mention in the committee and we would like to mention again today that under the direction of Ed Jennings, with Dick Jackson and other people participating, I think they did an outstanding job in presenting this to the Trustees. They showed great initiative and great judgment because I think this will save us $100 million over the next twenty years. I think the staff administration should be greatly complimented, its good judgment, good initiative, and also a lot of hours and a lot of work to also the individual members of the Trustees. They visited each and every Trustee, went through the report, took hours to consume it and went through untotaled time. I just think that Ed Jennings and his staff should be thoroughly complimented on the way this was approached.

President Jennings:

Thank you, Mr. Havens. That should be noted that Ed Jennings had very little to do with it. It was Dick Jackson and Tom Smith's group that were the ones that went through that and I know they will appreciate your 'thank you' and your thanks and appreciation.
RESOLVED, That the report on the University's Investment Portfolio, dated March 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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INTRODUCTION - DR. TZAGOURNIS

President Jennings:

First of all we approve of the personnel actions and I'd like to note to the Board that Dr. Tzagournis is in the audience. Congratulations, Manny, on the the appointment as a Vice President.

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JUNE COMMENCEMENT

President Jennings:

I am also very, very pleased to inform you that Vice President George Bush will be the featured speaker at the 284th Commencement ceremony on Friday, June 10, in Ohio Stadium. I know all of you will join me in expressing our great pleasure and our thanks to the Vice President for agreeing to accept this commencement speech; I know I certainly will and I know you will look forward to his commencement address to our spring graduates.

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Thereupon the Board adjourned to meet Thursday, May 5, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 9:30 a.m.

Attest:

Madison H. Scott  
Secretary

Warren J Smith  
Chairman
Page 500 is blank
Columbus, Ohio, May 5, 1983

The Board of Trustees met at its regular monthly meeting on Thursday, May 5, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.

* * *
May 5, 1983 meeting, Board of Trustees

The Vice 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.


Chairman Smith reconvened the meeting as a committee of the whole at 11:00 a.m. and the following actions were taken.

ELECTION OF OFFICERS
BOARD OF TRUSTEES

Resolution No. 83-121

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 5, 1983) and shall hold their office through the May, 1984 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1983-1984 be elected:

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

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

President Jennings called on Dr. Haenicke to review the amendments to the Rules of the University Faculty which are included in the agenda.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY
Resolution No. 83-122

Synopsis: Amendments to rules 3335-5-29, 3335-5-30, 3335-5-31, 3335-5-34, 3335-5-35, 3335-5-46, 3335-7-14, 3335-7-26, 3335-9-01, 3335-9-02, 3335-9-04, 3335-9-13, and 3335-9-15 of the Rules of the University Faculty 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 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 April 16, 1983, as follows:

AMENDED RULES

3335-5-29 Membership.

The regular members of the graduate faculty shall consist of those members of the university faculty who are approved by the executive committee of the graduate council. Ex officio members of the graduate faculty are the vice president for academic affairs and provost, the deans of the colleges, and the director of libraries.

3335-5-30 Powers and functions.

The graduate faculty shall have the following general powers and functions:

(D) To receive the annual report of the dean of the graduate school and such other reports as the dean shall submit.

(E) Perform the functions approved by the graduate council.

3335-5-31 Meetings.

(A) Meetings of the graduate faculty shall be called by the dean of the graduate school whenever so requested by ten per cent of the regular members of the graduate faculty or by a majority of the members present at any regular meeting of the graduate council.

(B) The dean of the graduate school shall announce the time, place and purpose of each meeting at least seven days before the date of the meeting. The dean of the graduate school, or designee, shall preside at all meetings of the graduate faculty. All actions of the graduate faculty shall be upon a majority vote of the regular members present. In case of a tie vote on any matter before the graduate faculty, the dean of the graduate school shall cast the deciding ballot. Any action taken pursuant to paragraphs (B) or (C) of rule 3335-5-30 of the Administrative Code shall be proposed at one meeting of the graduate faculty and acted upon at a subsequent meeting called for that purpose.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-34 Election of faculty members.

(A) Faculty members shall be elected from each of the ten graduate areas identified by the graduate council, for staggered terms of four years and shall be ineligible for reelection for one year thereafter.

(B) Elections shall be administered and supervised by a graduate council elections committee which shall be composed each year of the ten area members then retiring. This committee shall have power to make final rules on all matters not specifically covered by these rules. Elections shall be held in the spring quarter of each year for terms beginning with the following autumn quarter.

There shall be a graduate council nominating committee in each area, consisting of the retiring member of the graduate council representing that area, as chairperson, and as members the continuing members representing that area and the chairperson of the graduate committee for each department in that area or, in the absence of a graduate committee the department chairperson or designee. The committee shall make a minimum of four nominations, including nominations received by petition from any six or more members of the graduate faculty of the area concerned. The area nominating committee shall prepare and mail the election ballot to each member of its graduate faculty. The election ballots shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of election. The person receiving the next highest number of votes shall be an alternate member for a term of two years.

3335-5-35 Powers and functions.

The graduate council shall be the principal legislative body of the graduate school and, subject to modification or reversal by the graduate faculty, shall have the following powers and functions:

(A) To initiate graduate school policies and to act upon any questions affecting those policies.

(B) To establish and publish rules governing graduate programs.

(C) To submit recommendations about proposals for adopting new courses and curricula involving graduate credit or for altering or abolishing existing ones to the council on academic affairs.

(D) To submit recommendations about adopting or abolishing academic degrees administered by the graduate school to the council on academic affairs.

(E) To encourage and stimulate scholarly research and creative activity.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

(F) To make recommendations about establishing, affiliating, and abolishing research institutes, centers engaged in research activities, and other comparable organizations, and for determining the membership and authorities of their boards or governing bodies.

(G) To approve, modify, or reverse any action taken by its standing committees.

(H) To oversee the graduate area representation plan established by rule 3335-5-33 of the Administrative Code.

3335-5-46 Senate committees.

Steering committee

(I) The steering committee shall consist of fourteen members apportioned as follows: six faculty, one dean, three administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate reelection. The representatives from the administration shall be the vice president for academic affairs and provost, the university fiscal officer, and without vote, the secretary of the university senate, ex officio. The (elected) members of the steering committee shall be chosen as follows:

(1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.

(2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.

(3) The four student members shall be as follows:
   - The president of the graduate-professional council
   - The president of the council of graduate students
   - The president of the undergraduate student government
   - One elected through nomination from the undergraduate student membership of the senate.

Program committee

(M) The program committee shall consist of nine members apportioned as follows: four faculty, three students, one dean, and the secretary of the university senate. The faculty representatives, two of whom shall be elected each year, and the dean shall be ineligible for immediate reelection.

Rules committee

(S) The rules committee shall consist of ten members apportioned as follows: six faculty, three students, and the secretary of the university senate. The faculty representatives, three of whom shall be elected each year, shall be ineligible for immediate reelection.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-7-14 Approval of student schedules.

The deans or secretaries of the several colleges and schools, or designees, shall approve the schedule 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 registration, records and scheduling.

3335-7-26 Point-hour ratio.

(B) When determining the point-hour ratio of a student:

(1) For a quarter, the "applicable number of credit hours" shall be the student's scheduled credit hours in that quarter.

(2) For the student's work in the university, the "applicable number of credit hours" shall be the total number of credit hours undertaken in the university except as modified by paragraphs (A) (2) or (B) of rule 3335-7-271 of the Administrative Code.

(3) For the student's work in the graduate school, the "applicable number of credit hours" shall be the total number of graduate credit hours undertaken while enrolled in the graduate school. For the student's work in a professional college or school or professional division of a college. The "applicable number of credit hours" shall be the total number of credit hours undertaken while enrolled in the professional college or school or professional division of a college.

3335-9-01 Classification of students for admission.

Students shall be classified as:

(B) Graduate students: regular, special, graduate nondegree, conditional, or transient. The provisional classification is used in conjunction with the regular, special, and conditional classifications.

3335-9-02 Time of admission.

(B) Admission as a graduate student. Graduate students meeting all admission requirements may be admitted in any one of the four quarters.

3335-9-04 Specific admission requirements.

(A) Undergraduate student. For admission as a regular undergraduate student, an applicant must be a graduate of a high school (or equivalent preparatory school), or must have passed equivalent entrance examinations. For unconditional admission the applicant must present a minimum of fifteen high school units distributed in accordance with a preparatory curriculum approved by the university faculty and must meet the special requirements of
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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

the college or school the applicant desires to enter, subject to such deficiencies (or conditions) as that college or school may permit (see also rule 3335-9-24 of the Administrative Code). The preparatory curriculum is not required for the unconditional admission of regular undergraduate students with high school graduation prior to April 1, 1984.

For admission as a special undergraduate student, an applicant must satisfy the vice president for academic affairs and provost, or designee, that the applicant is qualified to undertake the special program desired.

(B) Graduate student. An applicant must meet the admission criteria established by the graduate council. All applicants must specify a field of specialization.

(C) Professional student. An applicant for admission as a regular or special student in a professional program must meet the pre-professional requirements of the school, college or division of a college the applicant desires to enter. If the applicant does not meet the pre-professional requirements, the applicant may be admitted subject to such deficiencies (or conditions) as that school, college or division of a college may permit.

(D) Transient student. To be considered for admission as a transient student, the applicant must present a brief, definite program endorsed by the president or dean of the student’s university or college. Where this and all other pertinent matters are satisfactory to the director of admissions, the applicant may be admitted unless there is objection by the college, school or division of which the applicant seeks admission.

3335-9-13 Application and acceptance fees.

(E) Graduate. A non-refundable acceptance fee is assessed all students, except graduate non-degree students, enrolling for the first time in the graduate school of the university. Payment is to be made prior to registration.

3335-9-15 Penalty for payment of fees when payment is not honored.

The registration of any student who pays fees by a payment that is not honored upon presentation is subject to cancellation. If permitted to reregister and/or pay, the student will be assessed a penalty for reregistration and the regular penalty for late payment provided for in rule 3335-9-14 of the Administrative Code.

NOW THEREFORE

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

Upon motion of Mr. Berry, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

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CONVERSION OF DIVISION OF COMPARATIVE STUDIES IN THE HUMANITIES TO CENTER FOR COMPARATIVE STUDIES IN THE HUMANITIES

Resolution No. 83-123

Synopsis: The conversion of Division of Comparative Studies in the Humanities to Center for Comparative Studies in the Humanities is recommended.

WHEREAS the present Division of Comparative Studies in the Humanities was designed for eventual transformation into a Center; and

WHEREAS the College of Humanities has proposed Center-status for the Division in order to allow for more successful and efficient operation; and

WHEREAS the Council on Academic Affairs has examined the proposed conversion of the Division to the Center for Comparative Studies in the Humanities and approves that change:

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate that the Division of Comparative Studies in the Humanities be converted to the Center for Comparative Studies in the Humanities be approved.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

HONORARY DEGREES

Resolution No. 83-124

Synopsis: Approval is requested for awarding honorary degrees to three 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:

Herman Chernoff
Christa Wolf
Doctor of Science
Doctor of Humane Letters

and

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:

George H. Bush
Doctor of Humane Letters
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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 Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DISTINGUISHED SERVICE AWARD
Resolution No. 83-125

Synopsis: Posthumous presentation of the University's Distinguished Service Award to Judith B. Washburn is proposed.

WHEREAS Judith B. Washburn spent her professional career as a member of the staff of The Ohio State University, serving the University for twenty years in all aspects of financial management and planning; and

WHEREAS she was nationally known for her proven abilities in budgeting for higher education; and

WHEREAS her deep commitment to this University was evidenced by her strong support of academic excellence, as she developed plans for the reallocation of scarce resources among colleges; and

WHEREAS with an intimate knowledge of the University's finances at all levels, Mrs. Washburn advised three University presidents on financial planning matters, and her wisdom and innovative thinking were invaluable assets to Ohio State's progress and financial stability; and

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended Judith B. Washburn for approval by the Board of Trustees to receive posthumously the Distinguished Service Award in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the University and the Board of Trustees honor Mrs. Washburn's memory with the Distinguished Service Award for her significant contributions to The Ohio State University in the fields of financial management and planning; and
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DISTINGUISHED SERVICE AWARD (contd)

BE IT FURTHER RESOLVED, That the Distinguished Service Award for Judith B. Washburn be presented posthumously at a time convenient to the University and the family of the recipient.

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

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Dr. Haenicke presented a brief review of the proposal made by the College of Law to change from the present quarter calendar to a semester calendar.

CHANGE COLLEGE OF LAW FROM QUARTER CALENDAR TO SEMESTER CALENDAR

Resolution No. 83-126

Synopsis: A change in the College of Law from the quarter calendar to a semester calendar is being proposed.

WHEREAS College of Law Dean James E. Meeks reported to the Council on Academic Affairs on October 27, 1982, that the faculty of the College of Law voted to implement a semester calendar, and this proposal was also supported by students in the College of Law; and

WHEREAS on February 1, 1983, the University Calendar Committee reviewed and unanimously approved the proposal by the College of Law to establish a semester calendar; and

WHEREAS on March 2, 1983, the Council on Academic Affairs reviewed and approved the College of Law proposal to establish a semester system with the following provisions:

a. That a detailed listing of new courses and credit hours be provided;

b. That a policy for dealing with transfer credit hours from the law semester courses to University transcripts and from University quarter courses to law transcripts be created;

c. That assurance be provided from the College of Law that its new curriculum meets the standards of its accrediting body;

d. That the course titles, course numbers, and credits can be recorded properly on the official University transcript;

e. That assurance be provided that tuition charges to students who register for courses on the other calendar system are equitable and prorated;

f. That the College of Law provide assurance of continued support for interdisciplinary work by faculty and students; and
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CHANGE COLLEGE OF LAW FROM QUARTER CALENDAR
TO SEMESTER CALENDAR (contd)

WHEREAS on March 3, 1983, the Council of Deans approved the College of Law proposal to establish a semester system; and

WHEREAS this recommended change has been coordinated with other appropriate offices including the Graduate School and the University Senate:

NOW THEREFORE

BE IT RESOLVED, That an "early semester calendar system" for the College of Law be created in accordance with the plan proposed by that college, and that said calendar system be implemented effective Autumn, 1984.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

President Jennings made the following statement:

All right. This would be--I think there's two important things here. One is that Diether is exactly right: with a couple of very minor exceptions, we are the only law school remaining on a quarter system. There are other law schools in a quarter system institution that are now on the semester system; I think the best example is the University of Minnesota, if I'm not right, Jim. But, it also I think is a reflection of the great diversity in this institution and the institutional attempt to try and be as flexible as possible. I frankly think this has no implication for changing to semester for the entire campus, I think that's a whole separate issue. I think this is attempting to accommodate a rather unique situation around the country in law schools where it is not only bar exam, but it is different in sync. It is the bar attempting to judge the academic credits of our students versus everybody else. And I think this is something we can accommodate. There are a few, roughly ten, law school students who also take non-law courses that everybody has been alerted to--whether it is in the dormitory system or every place else that we will have to accommodate--make special accommodations for these few students who are in law school and taking other courses throughout the institution. Jim assures me, however, that the law school will not make any change in their policy of being certain to have an even number of students. In law schools you have to have an even number of students because they can't make a living unless there are at least two of them.

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DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT
Resolution No. 83-127

Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.
May 5, 1983 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT (contd)

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 June 10, 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 Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS Resolution No. 83-128

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment; Medical Staff--Appointments; Medical Staff--Reappointments; Appointment of Acting Chairperson; Reappointment of Department Chairperson; Leaves of Absence Without Salary; Professional Improvement Leave; Professional Improvement Leave--Change 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 April 1, 1983 meeting of the Board, including the following Appointment; Medical Staff--Appointments; Medical Staff--Reappointments; Appointment of Acting Chairperson; Reappointment of Department Chairperson; Leaves of Absence Without Salary; Professional Improvement Leave; Professional Improvement Leave--Change of Dates; Professional Improvement Leave--Cancellation; and Emeritus Titles as detailed in the University Budget, be approved.

Appointment

Name: JOHN ELLINGER
Title: Director - Student Unions
Office: Student Services
Effective: July 1, 1983
Salary: $34,200.00
Present Position: Associate Director - Student Unions
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PERSONNEL ACTIONS (contd)

Appointment of Acting Chairperson

October 1, 1983 through March 31, 1984

East Asian Languages and Literatures                  Yuan-shan Lao

Reappointment of Department Chairperson

July 1, 1983 through June 30, 1987

Botany                                                  Emanuel D. Rudolph

Medical Staff--Appointments

Effective July 1, 1982

Arlynn F. Mulne, M.D.                                    Assistant Professor
  Transfer from Courtesy to Attending Staff in Pediatrics

Darryl A. Robbins, D.O.                                  Clinical Assistant Professor
  Courtesy Staff in Pediatrics

Effective August 1, 1982

Mark Clasen, M.D., Ph.D.                                 Assistant Professor
  Courtesy Staff in Obstetrics and Gynecology

Effective September 1, 1982

Robert T. Brown, M.D.                                    Associate Professor
  Attending Staff in Pediatrics

John E. Duckworth, D.D.S.                                Assistant Professor
  Attending Staff in General Dentistry

Frederick B. Ruymann, M.D.                              Professor
  Attending Staff in Pediatrics

Effective November 1, 1982

Michael J. Besson, M.D.                                  Clinical Assistant Professor
  Courtesy Staff in Ophthalmology

Effective December 1, 1982

Harisios Boudoulas, M.D.                                 Professor
  Attending Staff in Cardiology

Alfred A. DeMaria, Jr., M.D.                             Clinical Assistant Professor
  Courtesy Staff in Neurology

William C. Maclean, Jr., M.D.                            Clinical Associate Professor
  Courtesy Staff in Pediatrics

Phillip D. Jeffers, M.D.                                 Clinical Assistant Professor
 Courtesy Staff in Orthopaedic Surgery

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PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective January 1, 1983

Patricia Bucher, M.D.  Limited Staff in General Psychiatry  Clinical Instructor H.S.
Eva Tilsworth Chapin, M.D.  Attending Staff in Diagnostic Radiology  Assistant Professor

Cynthia A. Coles, M.D.  Limited Staff in General Psychiatry  Clinical Instructor H.S.
John R. Hazlip, M.D.  Limited Staff in General Psychiatry  Clinical Instructor H.S.
David E. Henderson, M.D.  Courtesy Staff in Pediatrics  Clinical Instructor
Luigi Maresca, M.D.  Limited Staff in Thoracic and Cardiovascular Surgery  Clinical Instructor H.S.

Craig S. Mills, M.D.  Transfer from Limited to Attending Staff in Diagnostic Radiology  Instructor

Jo Ann C. Y. Rohyans, M.D.  Courtesy Staff in Pediatrics  Clinical Instructor
Carl G. Schowengerdt, M.D.  Limited Staff in Thoracic and Cardiovascular Surgery  Clinical Instructor H.S.

Effective January 3, 1983

Daniel J. Heinmiller, M.D.  Limited Staff in Pediatrics  Clinical Instructor H.S.

Effective February 1, 1983

Paul Hrissikopoulos, M.D.  Attending Staff in Anesthesiology  Instructor

Effective March 1, 1983

Wisam N. Owais, M.D.  Transfer from Limited Staff in Child Psychiatry to Courtesy Staff in General Psychiatry  Clinical Instructor

Medical Staff--Reappointments

Perry R. Ayres, M.D.  Courtesy Staff in General Medicine  Clinical Professor

Effective January 10, 1983

Bruce G. Sommer, M.D.  Attending Staff in General Surgery  Assistant Professor

Effective January 14, 1983

Leigh Jay Herman, M.D.  Limited Staff in Radiology  Clinical Instructor H.S.
May 5, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Reappointments (contd)

Effective February 1, 1983

Hooshang Semnani, M.D. Limited Staff in Pediatrics Clinical Instructor H.S.

Leaves of Absence Without Salary

STEPHEN BUSER, Associate Professor, Academic Faculty of Finance, effective Winter Quarter 1984 and Spring Quarter 1984, for research activities at the University of Chicago.

DAVID LYNN FORSTER, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective May 9, 1983 through June 5, 1983, to work at the Forster Farms, Inc., Columbus, Indiana.

GERALD C. GROOMS, Associate Professor, Cooperative Extension Service, effective May 5, 1983 through August 3, 1983, for personal reasons.

DONALD HUBIN, Associate Professor, Department of Philosophy, effective October 1, 1983 through March 31, 1984, to accept a visiting appointment at the University of Pittsburgh.

YUJI KODAMA, Assistant Professor, Department of Mathematics, effective October 1, 1983 through June 30, 1984, to visit the University of Nagoya in Japan.

NEELAMEGAM SOUNDARARAJAN, Assistant Professor, Department of Computer and Information Science, effective April 1, 1983 through September 30, 1983, for personal reasons.

Professional Improvement Leave

JAMES A. KNIGHT, Associate Professor, Department of Agricultural Education, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

Professional Improvement Leave--Change of Dates

STEPHEN BUSER, Associate Professor, Academic Faculty of Finance, change professional improvement leave from Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984, to Autumn Quarter 1983.

Professional Improvement Leave--Cancellation

M. KATHERINE MEYER, Associate Professor, Department of Sociology, cancel professional improvement leave for Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.
PERSONNEL ACTIONS (contd)

Emeritus Titles

N. WILSON BRITT, Department of Entomology, with the title Professor Emeritus, effective July 1, 1983.

J. OSBORN FULLER, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1983.

FRED O. HARTMAN, Department of Horticulture, with the title Professor Emeritus, effective April 1, 1983.

CLIFTON J. LATIOLAIS, College of Pharmacy, with the title Professor Emeritus, effective July 1, 1983.

WENRICH STUCKEY, Cooperative Extension Service, with the title Associate Professor Emeritus, effective April 1, 1983.

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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RESOLUTIONS IN MEMORIAM

Resolution No. 83-129

Synopsis: Resolutions honoring the service of four of this 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. Immke, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous voice vote.

Edward L. Fox

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 1, 1983, of Edward L. Fox, Professor of Physical Education in the College of Education.

Professor Fox was born on May 30, 1938. He received his Bachelor’s, Master’s and Ph.D. degrees from The Ohio State University, the latter in 1965. While an undergraduate, he received the President’s Scholarship Medal in 1959, and was a Central Ohio Heart Association Research Fellow while doing his doctoral work. He was a United States Public Health Service Post-doctoral Fellow at Indiana University in 1967-68.
May 5, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edward L. Fox (contd)

He joined the faculty of The Ohio State University in 1968 and became a Professor of Health, Physical Education and Recreation in 1973. He also held appointments as a Professor of Medicine, Associate Professor of Preventive Medicine and Associate Professor of Physiology. He believed deeply in the mission of the University, and was one of its greatest advocates.

Professor Fox was one of the most respected people in the exercise sciences. He was a Fellow of the American College of Sports Medicine, and recently served as Vice President of that organization. Articles reporting his research appeared in the most prestigious journals, and his textbooks are considered to be among the very finest in his field. Colleagues from the world over sought his opinion, and his reputation was such that he attracted students of the highest caliber.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Fox 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.

Edward M. Kennaugh

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 11, 1983 of Edward M. Kennaugh, Professor Emeritus of Electrical Engineering.

Professor Kennaugh attended City College of New York prior to entering the U. S. Army in 1943. During the period of military service, he attended The Ohio State University, in 1943 and 1944, as part of the Army Specialized Training Program. He returned to OSU after his discharge in 1946 and obtained a Bachelor's degree in electrical engineering in 1947, a M.S. degree in physics in 1952, and the Doctor of Philosophy in electrical engineering in 1959.

Professor Kennaugh was a widely acclaimed authority on electromagnetic theory. His basic work on frequency- and time-domain scattering not only gained widespread recognition for himself and for The Ohio State University, but also provided the basis for work of many researchers to follow.

His fundamental study of the polarization properties of radar scattering objects, accomplished in the early 1950's, remains today the definitive work in the area. His introduction, in 1958, of the “Impulse Response” concept of three dimensional electromagnetic scatterers became the foundation of a large body of literature on active radars. In 1981, he introduced the “K-pulse” concept as a new theoretical tool for the development of future generations of sophisticated radar systems. In this sense, Professor Kennaugh typified the high ideal of scholarship which is at the very cornerstone of a university's existence.
May 5, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edward M. Kennaugh (contd)

Professor Kennaugh was associated with the OSU Antenna Laboratory (now the ElectroScience Laboratory) from 1949 to 1976, and also served on the faculty from 1961 to 1976, when he retired from University service. He served as the Director of the ElectroScience Laboratory from 1970 to 1973. He continued to remain active in electromagnetics research following his retirement.

Although his entire career was spent at OSU, Professor Kennaugh served as a consultant to industry and government; he was a member of the Institute of Electrical and Electronic Engineers, and of Commission B of the International Scientific Radio Union. He was also a member of the Sigma Xi Scientific Society.

On behalf of the University community, the Board of Trustees expresses to the family of Edward Kennaugh 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.

Walter R. Krill

The Board of Trustees of The Ohio State University expresses sorrow upon the death on March 30, 1983, of Walter R. Krill, Dean and Professor Emeritus in the College of Veterinary Medicine.

Walter R. Krill was born April 13, 1902 in Edgerton, Ohio. He received a B.S. degree from Ohio State University in 1923; a D.V.M. in 1927; and honorary degree, D.Sc., in 1974. He practiced veterinary medicine in Lima, Ohio, from 1927-29; became an instructor in the College of Veterinary Medicine, The Ohio State University in 1929, an assistant professor in 1935, associate professor in 1940, professor in 1943, and was appointed dean in 1946, serving in that capacity until his retirement in 1967. He served as a consultant to the Surgeon General USAF 1950-53; consultant to Special Fund Division of the United Nations in 1963 for service in Mexico; consultant to Biological Laboratories, Camp Detrick, Maryland; consultant AID, India, 1967; chairman, Commission on Regulatory Education; member of the Governors' Commission on Peace time Uses of Atomic Energy; Advisory Committee of Animal Industry Quarantine Division, U. S. Department of Agriculture.

Dr. Krill was the recipient of the Gamma Award, 1960; Distinguished Alumnus Award, College of Veterinary Medicine, 1971; and named to the Ohio Agriculture Hall of Fame in 1975. He was a member of the American Association of Deans of Veterinary Colleges; Ohio Veterinary Medical Association; U. S. Livestock Loss Prevention Association; Research Workers Animal Disease in North America; U. S. Livestock Sanitary Association, Regional Health Service Advisory Committee; American Dairy Science Association; American Veterinary Medical Association (executive board 1944-49, 1950-54, chairman of the board 1948-49); National Association for Standard Medical Vocabulary; National Board of Veterinary
May 5, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Walter R. Krill (contd)

Medical Examiners; Healing Arts Education Advisory Committee to Selective Service; Land-Grant College Association. Dr. Krill was a member of Phi Zeta, national veterinary honor society; a Shriner and a Rotarian.

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.

Judith B. Washburn

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 10, 1983, of Judith B. Washburn, Special Assistant for Fiscal Affairs in the Office of the President.

Born October 2, 1941, in Bellaire, Ohio, Mrs. Washburn earned the B.S. in Business Administration from The Ohio State University in 1963. She joined the staff of the University as an Accountant in the Office of Internal Auditing that year, and held that position until 1965. From 1965 until 1968, Mrs. Washburn was a Research Associate in the Office of Administrative Research and Data Processing. In 1968, she joined the University Budget Office as Assistant to the Director, serving as Director of Special Projects as well from 1969 until 1971, when she became Associate Director of Programs and Planning in the Office of University Budget. From 1972 through 1980, Mrs. Washburn was Executive Director, University Budget; she then was appointed Assistant Vice President in the Office of Finance and Planning.

In 1981, Mrs. Washburn became Special Assistant to the President. Her primary area of responsibility was the formulation of plans, analyses, and recommendations for the President concerning University resources and allocations. Her professional expertise and her outstanding ability as a fiscal advisor to the President have been of immeasurable value to The Ohio State University.

Mrs. Washburn was the recipient of an American Society of Women Accountants Scholarship, and a member of Beta Alpha Psi (Accounting Honorary) and Phi Chi Theta (Women’s Commerce Honorary).

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.

Dr. Consuelo Wise

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 21, 1983, of Dr. Consuelo Wise, Professor Emeritus in the College of Dentistry, Division of Dental Hygiene.
RESOLUTIONS IN MEMORIAM (contd)
Dr. Consuelo Wise (contd)

Dr. Wise received her D.D.S. degree from The Ohio State University in 1926. She was a member of the faculty of the College of Dentistry from 1951 until her retirement in 1971, and was Director of the Division of Dental Hygiene from 1952 until 1969.

Dr. Wise was a member of the American Dental Association, Ohio Dental Association, Omicron Kappa Upsilon Honorary Fraternity, and an honorary member of Sigma Phi Alpha.

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. 83-130

Synopsis: The reports on contracts, grants, and gifts and the summary for March 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 month of March 1983, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.
May 5, 1983 meeting, Board of Trustees

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

SUMMARY FOR MARCH 1983

<table>
<thead>
<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
</tr>
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<tr>
<td>The Ohio State University Research Foundation</td>
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<td>Engineering Experiment Station</td>
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<td>Ohio Agricultural Research and Development Center</td>
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<td>$5,124,985.00</td>
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<td>The Ohio State University Development Fund</td>
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<td>Establishment of Named Funds</td>
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<td>The Irma Cooper Vocal Scholarship Fund</td>
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<td>(Undergraduate or graduate scholarships)</td>
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<td>Elderkin Scholarship Fund</td>
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<td>(Undergraduate scholarships)</td>
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<tr>
<td>Glenn A. Fry Professorship Endowment Fund</td>
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<td>(College of Optometry)</td>
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<td>The Pamela L. Blakeslee Memorial Scholarship Fund in Veterinary Medicine</td>
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<td>(College of Veterinary Medicine)</td>
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<td>The Harold E. Kaeser Endowed Scholarship Fund</td>
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<td>(Undergraduate scholarships - Dairy Science)</td>
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<tr>
<td>Julie Ann Klein Award in Food Science and Nutrition</td>
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<td>(Department of Food Science and Nutrition)</td>
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May 5, 1983 meeting, Board of Trustees

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

SUMMARY FOR MARCH 1983 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The John T. Mount Leadership Fund (Lima Campus) $5,000.00

The Jane Shanely Phi Upsilon Omicron Fellowship Fund (School of Home Economics) $5,000.00

The Student Tribute to Education Professors Award (College of Education) $5,000.00

Change in Name of Fund

From: Ohio-Drake Unions Scholarship Fund
To: Wendell W. Ellenwood Scholarship Fund

Report from Presidents Club

Members to date 4,487
1983 members: year to date 32
New members - March 1983 6

New Presidents Club Members - March 1983

Blair Gresens George F. Reiser
Bruce A. Killinger Jane C. Walsh
Stanley W. Joehlin W. Bruce Walsh
May 5, 1983 meeting, Board of Trustees

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

THIRD QUARTER SUMMARY

January 1, 1983 through March 31, 1983

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>No. of Awards</th>
<th>Amount of Support</th>
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<td><strong>FEDERAL</strong></td>
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<td>National Aeronautics and Space</td>
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<td>Department of Education</td>
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<td>Department of Health and Human</td>
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<td>Other Federal</td>
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<td><strong>STATE OF OHIO</strong></td>
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<td><strong>INDUSTRIAL</strong></td>
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<td><strong>OTHER NON-FEDERAL</strong></td>
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<td><strong>GRAND TOTAL</strong></td>
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<td>$15,316,277.71</td>
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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY
January 1, 1983 through March 31, 1983

ENGINEERING EXPERIMENT STATION

<table>
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<tr>
<th>Sponsor</th>
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<td>STATE OF OHIO</td>
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<td>INDUSTRIAL AND OTHER</td>
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<td><strong>TOTALS</strong></td>
<td><strong>76</strong></td>
<td><strong>$905,822.00</strong></td>
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</table>
Federal Research Contracts/Grants

$623,775.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1982 through 30 November 1983. (Project 761196 - Continuation)


$299,875.00 - National Aeronautics and Space Administration, Office of Advanced Research Technology, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 May 1983 through 30 April 1984. (Project 761608 - Continuation)

$159,877.00 - 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 1983 through 27 February 1985. (Project 763457 - New)

$131,750.00 - National Science Foundation, Washington, D. C., Palaeoclimatic Investigations on the Quelccaya Ice Cap, Peru, Institute of Polar Studies (L. G. Thompson), 1 January 1983 through 31 December 1983. (Project 763460 - New)

$126,529.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Unusual Biologically Active Terpenes, Department of Chemistry (L. A. Paquette), 1 April 1983 through 31 March 1984. (Project 763497 - New)

$111,900.00 - National Science Foundation, Washington, D. C., Basic Mechanisms of Sliding Friction and Wear, Department of Metallurgical Engineering (D. R. Rigney), 1 April 1982 through 31 March 1984. (Project 763031 - Continuation)

$107,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1983 through 31 March 1984. (Project 761582 - Continuation)
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<th>Amount</th>
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<td>$105,590.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunosuppressive Properties of Retrovirus Protein, Department of Veterinary Pathobiology (R. Olsen and G. J. Kociba), 1 February 1983 through 31 January 1984. (Project 762986 - Continuation)</td>
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<td>$101,329.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Phase I Studies of New Anticancer Agents, Cancer Research Center (J. A. Neidhart), 1 December 1982 through 30 November 1983. (Project 763077 - Continuation)</td>
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<td>$98,952.00</td>
<td>Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, 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 1983 through 30 June 1984. (Project 763463 - New)</td>
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<td>$93,959.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1983 through 31 March 1984. (Project 764400 - Continuation)</td>
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<tr>
<td>$90,000.00</td>
<td>Department of Energy, Chicago Operations Office, Argonne, Illinois, Investigations of Ultrasonic Wave Interactions at Boundaries Separating Anisotropic Media, Department of Welding Engineering (L. Adler), 1 April 1983 through 31 March 1984. (Project 763487 - New)</td>
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<td>$88,054.00</td>
<td>National Science Foundation, Washington, D. C., Partisanship and Voting, Department of Political Science (H. F. Weisberg), 15 February 1983 through 31 July 1984. (Project 763453 - New)</td>
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<td>$84,319.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Importance of Reactive Oxygen Species in Cell Damage, Department of Medicine (A. L. Sagone), 1 March 1983 through 29 February 1984. (Project 763467 - New)</td>
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<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereoisomeric Imidazolines: Adrenoceptor Studies, College of Pharmacy (D. D. Miller and P. N. Patil), 1 April 1983 through 31 March 1984. (Project 763483 - New)</td>
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</table>
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

$80,343.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 April 1983 through 31 March 1984. (Project 760820 - Continuation)

$73,696.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Person Perception Processes in Small Groups, Department of Psychology (T. M. Ostrom), 30 December 1982 through 30 September 1983. (Project 762498 - Continuation)

$69,564.00 - Department of Health and Human Services, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1983 through 31 March 1984. (Project 762083 - Continuation)

$66,572.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advance RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 January 1983 through 24 August 1983. (Project 762363 - Continuation)

$66,531.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Identification of Essential Genes for HSV DNA Synthesis, Department of Medical Microbiology and Immunology (D. S. Parris), 1 March 1983 through 29 February 1984. (Project 762587 - Continuation)

$65,501.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1983 through 31 March 1984. (Project 761078 - Continuation)

$65,000.00 - National Aeronautics and Space Administration, Office of Advance Research Technology, Ames Research Center, Moffett Field, California, Use of Computer-Aided Testing in the Investigation of Pilot Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 1 December 1982 through 30 November 1983. (Project 762647 - Continuation)
Federal Research Contracts/Grants (contd)

$64,000.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, 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), 26 April 1983 through 30 September 1983. (Project 762947 - Continuation)

$58,509.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Pedestrian Impact Quantification and Human Trauma Correlation, Department of Mechanical Engineering (R. L. Stalnaker), 1 February 1983 through 31 January 1984. (Project 763465 - New)

$58,214.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Pharmacology of Novel Antiabortifacients, College of Pharmacy (R. G. Rahwan), 1 April 1983 through 31 March 1984. (Project 762609 - Continuation)

$56,177.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Immunologic Aspects of Legionellosis, Department of Medicine (J. F. Plouffe), 1 February 1983 through 31 January 1984. (Project 762577 - Continuation)

$47,052.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Cyclic Nucleotides and Prostaglandins in Cleft Palate, Department of Veterinary Preventive Medicine (C. S. Reddy), 1 April 1983 through 31 March 1984. (Project 763474 - New)

$45,336.00 - 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 1983 through 29 February 1984. (Project 763005 - Continuation)
May 5, 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)

$45,267.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Model to Study Intra and Extrathymic Influences in Aging, Department of Anatomy (K. H. Jones), 1 March 1983 through 29 February 1984. (Project 762998 - Continuation)

$43,300.00 - 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), 1 March 1983 through 29 February 1984. (Project 763498 - Continuation)

$41,834.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1983 through 31 March 1984. (Project 761591 - Continuation)

$37,568.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School Administration (J. B. LaPidus), 1 April 1983 through 31 March 1984. (Project 764748 - Continuation)

$36,394.00 - National Science Foundation, Washington, D. C., Glaciology Near Dome "C," East Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 March 1983 through 30 June 1984. (Project 762783 - Continuation)


$34,455.00 - National Aeronautics and Space Administration, Office of Advance Research Technology, Langley Research Center, Hampton, Virginia, The Role of Airfoil Geometry in Minimizing the Effect of Insect Contamination of Laminar Flow Sections, Department of Aeronautical and Astronautical Engineering (M. B. Bragg), 1 March 1983 through 29 February 1984. (Project 763468 - New)

$32,539.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development - Head/Neck Simulator, Department of Electrical Engineering (H. Hemami), 21 February 1983 through 31 July 1983. (Project 763173 - Continuation)
May 5, 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)

$31,857.00 - National Science Foundation, Washington, D.C., Fabric Development in Polar Ice, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans) and Institute of Polar Studies (J. F. Bolzan), 4 March 1983 through 31 January 1984. (Project 762446 - Continuation)

$28,725.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development - Head/Neck Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 April 1983 through 31 July 1983. (Project 763173 - Continuation)

$27,781.00 - National Science Foundation, Washington, D.C., Complexity of Decision Problems, Department of Computer and Information Science (E. M. Gurari), 1 April 1983 through 31 March 1985. (Project 763492 - New)

$26,900.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, SID (Side Impact Dummy) Design Modifications, Department of Mechanical Engineering (R. L. Stalnaker), 1 February 1983 through 31 January 1984. (Project 763466 - New)


$23,331.00 - National Science Foundation, Washington, D.C., Statistical Studies of the Genetic Effects Caused by Population Bottlenecks, Department of Genetics (P. A. Fuerst), 1 May 1983 through 30 April 1984. (Project 762925 - Continuation)

$23,003.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1983 through 31 March 1984. (Project 761080 - Continuation)

$22,800.00 - National Science Foundation, Washington, D.C., Classification and Calibration of Cool Stars to Serve as Spectroscopic Standards, Department of Astronomy (P. C. Keenan), 1 July 1983 through 30 June 1984. (Project 763484 - Continuation)

May 5, 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)

$17,600.00 · Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Correlation of Measured Acceleration and Displacement Data, Department of Mechanical Engineering (H. R. Busby), 1 March 1983 through 31 December 1983. (Project 763462 - New)


$15,348.00 · National Science Foundation, Washington, D. C., Precipitation over the Coastal Areas of East Antarctica, Institute of Polar Studies (D. H. Elliot and D. H. Bromwich), 1 May 1981 through 31 October 1983. (Project 762684 - Continuation)


$14,734.00 · National Science Foundation, Washington, D. C., Geologic and Paleontologic History of the James Ross Island Basin, Northern Antarctica Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (W. J. Zinsmeister), 1 March 1983 through 31 January 1984. (Project 762806 - Continuation)

$12,734.00 · National Science Foundation, Washington, D. C., Genesis of Mineralization Associated with Andean Intrusions, Northern Antarctic Peninsula Region, Institute of Polar Studies and Department of Geology and Mineralogy (D. E. Pride), 1 August 1979 through 31 July 1983. (Project 761769 - Continuation)
May 5, 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)

$12,000.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Effect of Hepatotoxic Nonadecafluorodecanoic Acid on Gene Expression in Rat Liver, Department of Physiological Chemistry (T. E. Webb), 15 April 1983 through 14 January 1984. (Project 763494 - New)


$10,556.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Stress Corrosion Cracking and Oxidation Characteristics of Boride-Strengthened Microrcrystalline Iron and Nickel Based Alloys, Department of Metallurgical Engineering (C. E. Mobley), 1 April 1983 through 30 June 1984. (Project 763166 - Continuation)

$7,100.00 - National Science Foundation; Washington, D. C., Methods for Reduction of Friction in Transport of Heavy Crude Oil-in-Water Emulsions, Department of Chemical Engineering (J. L. Zakin), 15 February 1983 through 31 January 1985. (Project 763461 - New)

$5,000.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Effects of Natural Enemies of Populations of Pyrrhalta luteola, Department of Entomology (R. W. Hall), 15 January 1983 through 31 December 1983. (Project 763493 - New)

$4,097.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Study of Biologically Active Microbial Metabolites, Department of Chemistry (H. G. Floss), 1 December 1982 through 30 November 1983. (Project 763393 - Continuation)

$1,206.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Acanthamoeba Strain Comparisons: Mitochondrial DNA, Department of Microbiology (T. J. Byers), 1 December 1982 through 30 November 1983. (Project 762493 - Continuation)

TOTAL - FEDERAL AWARDS $4,383,224.00
May 5, 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

$15,000.00 - Ohio Board of Regents, Columbus, Ohio, Ohio Area Health Education Center, College of Medicine - Administration (G. L. Trzebiatowski and M. Tzagournis), 1 February 1983 through 30 September 1983. (Project 763472 - New)

$10,000.00 - Ohio Humanities Council, Columbus, Ohio, Women, Fascism, Everyday Life in Germany (Conference), Department of German (H. Fehervary), 4 December 1982 through 31 May 1983. (Project 763447 - New)

$9,986.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Parasites of Fishes of Old Woman Creek National Estuarine Sanctuary, Department of Zoology (J. L. Crites) and Center for Lake Erie Area Research (C. E. Herdendorf), 1 July 1983 through 30 June 1984. (Project 763481 - New)

$4,292.00 - Ohio Historical Society, Columbus, Ohio, Development of the Central Ohio Archaeological Survey at The Ohio State University, Department of Anthropology (W. S. Dancey), 1 January 1983 through 31 August 1983. (Project 763473 - New)

$750.00 - Ohio Arts Council, Columbus, Ohio, Four-Color Collotype Printing, Department of Art Education (R. C. Tauber), 3 January 1983 through 30 June 1983. (Project 763476 - New)

TOTAL - STATE OF OHIO AWARDS $ 40,028.00

Industrial Research Contracts/Grants

$65,816.00 - Ortho Pharmaceutical Corporation, Raritan, New Jersey, Double-Blind Evaluation of the Analgesic Efficacy and Safety of a Suprofen (200 mg) + Codeine (30 mg) Combination Compared to Suprofen (200 mg) Codeine (30 mg) Aspirin (650 mg) and Placebo in Patients with Pain Due to General, Orthopedic, or Gynecological Surgery, Department of Anesthesiology (J. S. McDonald), 1 January 1983 through 29 February 1984. (Project 763495 - New)

$41,918.00 - Mead Johnson and Company, Evansville, Indiana, Can N-Acetyl-cysteine Prevent Chronic Doxorubicin Cardiotoxicity, Department of Medicine (D. V. Unverferth), 1 January 1983 through 31 August 1983. (Project 763480 - New)

$27,290.00 - American Cyanamid Corporation, Clifton, New Jersey, Evaluation of DNA Repair in Human Skin, Department of Radiology (S. M. D'Ambrosio) and Department of Medicine (E. Lowney), 1 January 1983 through 31 March 1983. (Project 763488 - New)
May 5, 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)

$23,016.00 - Boehringer Ingelheim, Ltd., Ridgefield, Connecticut, Analysis of Dipyridamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 January 1983 through 30 June 1983. (Project 762928 - Continuation)

$19,890.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1983 through 31 December 1983. (Project 762165 - Continuation)

$18,222.00 - Eltech Systems, Painesville, Ohio, Electrochemical Studies on Aluminum Anodes in Alkaline Media, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1983 through 30 June 1983. (Project 763459 - New)


$1,310.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1983 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS $ 213,902.00

Other Non-Federal Research Contracts/Grants

$85,000.00 - Illuminating Engineering Research Institute, New York, N. Y., Contribution of Daylighting to Visibility and Visual Performance of Tasks Found in Residences and Commercial Establishments - Phase I, Department of Microbiology (H. R. Blackwell), 1 February 1983 through 31 August 1983. (Project 763470 - Continuation)

$25,355.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Test Strategy Study for AIDS Performance Tests, Department of Geodetic Science and Surveying (A. Gruen), 13 March 1983 through 15 September 1983. (Project 763489 - New)

$24,568.00 - Jamaica Government, Ministry of Youth and Community Development, Kingston, Jamaica, Specialist Consultants for National Training Board and Planning/Evaluation and an International In-resident Fellowship Program for Jamaica, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1983 through 31 December 1983. (Project 763425 - New)
Other Non-Federal Research Contracts/Grants (contd)

$18,969.00 - 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 March 1983 through 30 June 1983. (Project 761731 - 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 1983 through 29 February 1984. (Project 763469 - New)

$13,700.00 - S. H. Sklar, Cliffside, New Jersey, Double-Blind Evaluation of Adenosine-5'-Monophosphate (AMP) in the Management of the Neuralgia Component of Cutaneous Herpes Zoster: Isolation of Infectious Herpes Zoster and Antibody Titers in Treated Patients and Controls, Department of Medical Microbiology and Immunology (R. Glaser), 16 March 1983 through 15 March 1984. (Project 763475 - New)

$10,000.00 - University of Cincinnati, Department of Orthopaedic Surgery, Cincinnati, Ohio, OSU Participation in NIH Grant No. R01-AM27517-03 Title "Bio Mechanics of Ligament/Tendon Repair and Grafts," Department of Veterinary Clinical Sciences (R. B. Hohn and M. L. Olmstead), 1 August 1982 through 31 July 1983. (Project 762827 - Continuation)

$8,957.00 - University of Rhode Island, Kingston, Rhode Island, Biosynthesis of Marine Natural Products, Department of Chemistry (H. G. Floss), 1 July 1982 through 30 June 1983. (Project 763351 - Continuation)


$3,368.00 - 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 July 1982 through 30 June 1983. (Project 763289 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS $ 212,417.00
May 5, 1983 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

$214,788.00 Fourteen development projects under the direction of 8 engineering departments and research areas.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

$47,467.00 - Department of Health and Human Services, Public Health Service, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, continued support of studies on immunity against enteric viral infections, Food Animal Health Research Program, April 1, 1983 to March 31, 1984. (Cooperative Agreement No. 2 R22 A1 10735-09)

$13,159.00 - Grants Administrative Management Office, U. S. Department of Agriculture, Arlington, Virginia, continued support of the Ohio Program for the National Pesticide Impact Assessment Program, Department of Entomology, to September 30, 1984. (Cooperative Agreement No. 80-CRSR-2-0517)

TOTAL - FEDERAL CONTRACTS/GRANTS $ 60,626.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - February 1983

Gifts of $5,000 or More

$315,311.00 Kathryn Wildermuth, Columbus, Ohio, for Wildermuth Memorial Scholarship.

$134,000.00 E. I. duPont de Nemours & Company, Wilmington, DE--$26,000.00 for duPont Fund for Mechanical Engineering; $25,000.00 for duPont Young Faculty Grant - Chemistry; $14,000.00 for duPont Fund for Research in Chemistry; $12,500.00 for E. I. duPont Haskell Lab Fellowship in Vet Pathology; $12,500.00 for duPont Young Faculty Grants; $12,000.00 for duPont Fund for Research in Chemical Engineering; $10,000.00 for Affirmative Action Program in Engineering; $6,000.00 for duPont Fund for Research in Electrical Engineering; $6,000.00 for Professorship in Plant Protection; $6,000.00 for duPont Science/Engineering (Pharmacy); and $4,000.00 for duPont Business Grant.

$ 50,000.00 The Kiplinger Foundation, Washington, D. C. for W. M. Kiplinger Chair.
May 5, 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)

$ 42,000.00 Gynecic Research/Education, Columbus, Ohio, for Education Publications and Research - Obstetrics Fund.

$ 39,000.00 PPG Industries, Pittsburgh, Pennsylvania--$20,000.00 for Capital Campaign Chemical Engineering; $10,000.00 for Advanced Design Methods Laboratory Mechanical Engineering; $5,000.00 for Affirmative Action in Engineering; and $4,000.00 for Minority Assistance Program in the College of Administrative Science.

$ 37,000.00 William Skou, Akron, Ohio--$18,500.00 for Skou Faculty Enrichment and $18,500.00 for W. J. Skou Scholarship Fund.

$ 33,845.00 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

$ 31,557.16 Retinal Consultants, Columbus, Ohio--$29,715.87 for Retina Research Fund and $1,841.29 for Ophthalmology Photography Fund.

$ 25,000.00 Eastman Kodak Company, Rochester, New York, for Kodak Fellows Program.

$ 22,176.81 Reproduction Research Education Associates, Columbus, Ohio, for Education Publications and Research - Obstetrics Fund.

$ 21,200.00 Chemlawn Corporation, Columbus, Ohio--$12,000.00 for Chemlawn Fellowship in Toxicology Fund and $9,200.00 for Child Development Thesis Fund.

$ 20,000.00 Wolfe Associates, Inc., Columbus, Ohio, for Joseph M. Ryan Unit of Cardiovascular Diseases.

$ 19,882.89 Banks Florilegm Fund, Columbus, Ohio, for Library Support Fund.

$ 18,000.00 Hematology Associates, Columbus, Ohio, for Hematology and Cancer Research Fund.

$ 17,700.00 Potash Corporation of Skatchewan, Xenia, Ohio, for PCS Tillage Fertility Fund.

$ 16,167.10 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
May 5, 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)

$ 14,950.00  Janssen Pharmaceutical, New Brunswick, New Jersey, for Anesthesia Research and Education Enhancement Fund.

$ 11,436.88  Ida Topper, Columbus, Ohio, for Topper Lecture Fund.

$ 10,750.75  University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.

$ 10,500.00  American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation for Pharmaceutical Education Fellowship Fund.

$ 10,250.00  Chevron, USA, Inc., San Francisco, California, for Chevron Fellowship Fund.

$ 10,000.00  L. B. & E. M. Cullman Fund, New York, New York, for Cullman Symposium Fund.

$ 10,000.00  R & A Shafer Foundation, Columbus, Ohio, for Friends of WOSU.

$ 9,000.00  Procter and Gamble Fund, Cincinnati, Ohio--$5,000.00 for Highlander Research Endowment Fund and $4,000.00 for College of Law Student Emergency Fund.

$ 8,686.00  Gulf Oil Foundation, Pittsburgh, Pennsylvania, for Gulf Oil Foundation for Metallurgical Engineering.

$ 8,872.00  Safe Endowment, Edwardsville, Illinois--$6,000.00 for Ohio Florists Association Special Fund and $2,872.00 for Ornamentals Plant Pathology.

$ 8,000.00  Airtron, Inc., Morris Plains, New Jersey, for Physics Department Chairman's Discretionary Fund.

$ 7,666.00  Bell Labs, Murray Hill, New Jersey, for Department of Computer and Information Science Chairman's Discretionary Fund.

$ 7,500.00  Benua Foundation, Columbus, Ohio--$5,000.00 for Research in Cardiovascular Surgery Fund and $2,500.00 for Friends of WOSU.

$ 7,000.00  Chicago Corporation, Chicago, Illinois, for Chicago Corporation Fund.
May 5, 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)

$ 7,000.00 Eli Lilly & Company, Indianapolis, Indiana, for Eli Lilly and Company Organic Chemistry Research Fund.

$ 7,000.00 FMC Corporation, Chicago, Illinois--$5,000.00 for College of Engineering Special Fund and $2,000.00 for Pharmaceutical/Research Education Fund.

$ 7,000.00 The Upjohn Company, Kalamazoo, Michigan, for Lipid Research.

$ 6,000.00 ARO Corporation, Bryan, Ohio, for Fluid Power Fund.

$ 6,000.00 Distillers Feed Resource Council, Cincinnati, Ohio, for Horticulture Processing Fund.

$ 6,000.00 Glass Packaging Institute, Washington, D. C., for Engineering Mechanics Chairman's Discretionary Fund.

$ 6,000.00 Edgar W. Ingram Foundation, Columbus, Ohio--$4,000.00 for Student Athlete Grant-in-Aid Fund and $2,000.00 for Friends of WOSU.

$ 6,000.00 Reynolds Industries, Inc., Winston-Salem, NC--$5,000.00 for Furtherance of Extension Work with Tobacco and $1,000.00 for Department of Preventive Medicine Fund.

$ 5,625.00 American Lung Association of Central Ohio, Columbus, Ohio, for Pulmonary General Fund.

$ 5,000.00 Cleveland Electric Illuminating, Cleveland, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

$ 5,000.00 Ohio Farm Bureau, Columbus, Ohio--$2,500.00 for Roy M. Kottman Scholarship Fund and $2,500.00 for Cooperative Business Fund.

$ 5,000.00 Peat Marwick Mitchell, New York, New York, for Peat, Marwick, Mitchell Discretionary Fund.

Gifts-in-Kind

$ 90,250.00 Philip Sills, Bronx, New York, A Collection of Illuminated Bible Leaves.
May 5, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind (contd)

$ 32,625.00 Geri Greenberg, Elk Grove, Illinois, A Collection of Bible Leaves.

$ 32,625.00 Michael Greenberg, Elk Grove, Illinois, A Collection of Bible Leaves.

$ 32,000.00 Kaiser Aluminum and Chemical, Oakland, California, ASTM C-201 Therma Conductivity Tester.

$ 13,100.00 Oleg Cassini, New York, New York, Clothes.

$ 11,250.00 Jack Strader, Columbus, Ohio, Steinway Baby Grand Piano.

$ 6,800.00 Frank Winder, New Haven, Connecticut, 595 Alinari Photographs.

$ 5,750.00 Charles Hoff, Massillon, Ohio, Seventeen French Bible Manuscript Leaves, 13th Century.

$ 5,750.00 Mrs. Hoff, Massillon, Ohio, Seventeen French Bible Manuscript Leaves, 13th Century.

Establishment of Named Funds

The Irma Cooper Vocal Scholarship Fund

The Irma Cooper Vocal Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Professor Irma Cooper (Emeritus), 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 is to be awarded on a merit basis to one or more talented singers who either are or will become voice majors in the School of Music. Both undergraduate and graduate students are eligible to receive the scholarships. Recipients will be determined by the established procedures within the School of Music, with approval by the Director of the School of Music in consultation with the appropriate voice faculty. The Director will also approve requisitions for payment.

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 music education, with an emphasis in the performing aspects of music.
May 5, 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)

Elderkin Scholarship Fund

The Elderkin Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Roland D. Elderkin, B.A., 1934.

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

The annual interest of the fund is to be used to provide one or more scholarships to deserving University students who exhibit both financial need and academic promise. Selection of the recipient(s) is to be made 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 then directly responsible for student financial aid.

Glenn A. Fry Professorship Endowment Fund

The Glenn A. Fry Professorship Endowment Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and alumni of the College of Optometry in honor of Dr. Glenn A. Fry, Professor Emeritus, 1979.

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

Interest from this endowment is to accumulate and be added to gifts received from alumni and friends until such time as the endowment reaches the minimum level to support a professorship in physiological optics within the College of Optometry. Nominees for appointment to this professorship are to be made by the Dean of the College of Optometry.

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 optometric education.
Establishment of Named Funds (contd)

The Pamela L. Blakeslee Memorial Scholarship Fund in Veterinary Medicine

The Pamela L. Blakeslee Memorial Scholarship Fund in Veterinary Medicine was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Jean K. Blakeslee Family of Bordentown, New Jersey; from students, friends, and alumni of the Colleges of Veterinary Medicine and Agriculture and Home Economics; and from the Sigma Alpha Professional Agricultural Sorority.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 Medicine college students who are graduates of The Ohio State University and have demonstrated academic ability and the need for financial assistance. The selection of the recipients is to be made by the College Scholarship Committee, with first preference to students who have financial need and who have been pre-veterinary Animal Science majors in the College of Agriculture and Home Economics of The Ohio State University. The selection will be approved by the Dean of the College of Veterinary Medicine.

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 veterinary medical education.

The Harold E. Kaeser Endowed Scholarship Fund

The Harold E. Kaeser Endowed Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from former judging team members and alumni, friends and colleagues of Harold E. Kaeser who retired in 1980 after 39 years as a Professor of Dairy Science and Coach of Dairy Science Judging Teams.

All gifts are to be invested in the University’s Permanent Endowment Fund, under the rules and regulations 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 Agriculture and Home Economics at The Ohio State University majoring in Dairy Science with intent to pursue a career in the dairy industry. Students selected should have above average academic ability, demonstrated leadership and a demonstrated or expressed interest in exhibiting and evaluating dairy cattle.
Establishment of Named Funds (contd)

The Harold E. Kaeser Endowed Scholarship Fund (contd)

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 purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairman of the Dairy Science Department and the Dean of the College of Agriculture and Home Economics.

The Julie Ann Klein Award in Food Science and Nutrition

The Julie Ann Klein Award in Food Science and Nutrition was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University in her honor by her family.

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

The annual income is to be used for an annual award to a junior student in the Department of Food Science and Nutrition. Basis for the awards will emphasize participation in extra-curricular activities as well as scholastic achievement. Selection will be made by an award committee 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 Vice President for Agriculture Administration or from the appropriate administrative official of the University who is then responsible for study related to the field of Food Science and Nutrition.

John T. Mount Leadership Fund

The John T. Mount Leadership Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts from members of the Citizens Council of The Ohio State University at Lima and friends. The fund recognizes the dedication, the friendship and the leadership provided by John T. Mount to members of the Citizens Council and to The Ohio State University at Lima.

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 occasion dictates.
Establishment of Named Funds (contd)

John T. Mount Leadership Fund (contd)

The annual income is to be used in support of programs designed to award and encourage student leadership and faculty excellence at The Ohio State University at Lima. A portion of the income will be used annually to present an award to a student and to a faculty member who excel in leadership and excellence. The remainder of the income will be used to encourage programs that provide initiative for students and for faculty to develop in the direction exemplified by recipients of this award. All expenditures must be approved by the dean and director 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 and director of the Lima Campus.

The Jane Shanely Phi Upsilon Omicron Fellowship Fund

The Jane Shanely Phi Upsilon Omicron Fellowship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Gamma Alumni Chapter of Phi Upsilon Omicron, an honor society in Home Economics, in memory of Jane Shanely, B.S., 1927, Home Economics, 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 fellowships for graduate students enrolled in the School of Home Economics Graduate Program. The recipient(s) must have maintained a minimum 3.00 grade point average and must be a Phi Upsilon Omicron alumnus. The selection of the recipient(s) is to be made by the School of Home Economics Graduate Fellowship Committee in cooperation with the Phi Upsilon Omicron Alumni Scholarship Chairperson.

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 appropriate administrative official of the University who is then directly responsible for home economics.

The Student Tribute to Education Professors Award

The Student Tribute to Education Professors Award was established May 5, 1983, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University
May 5, 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 Student Tribute to Education Professors Award (contd)

Development Fund from alumni, friends and colleagues to honor College of Education Professors.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations 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 awards for graduate students working toward a Ph.D. degree in the College of Education. The award will be used to attend professional meetings, conferences and seminars, or to travel for professional development purposes.

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 the principal at the direction of 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 within the College of Education 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 College of Education.

Change in Name of Fund

Wendell W. Ellenwood Scholarship Fund

The Wendell W. Ellenwood Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and alumni of the Ohio Unions. This fund, originally established on December 10, 1981, has been renamed in honor of Wendell W. Ellenwood for his 25 years of leadership at the Ohio Unions.

All gifts are to be invested 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 scholarships for students participating in Ohio-Drake Unions activities who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Director of the Ohio Unions in cooperation with the University Scholarship Committee and the Board of Governors of the Ohio-Drake Unions Activities Alumni Association.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name of Fund (contd)

Wendell W. Ellenwood Scholarship Fund (contd)

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 Ohio Unions' activities.

President Jennings called on Vice President Jackson to present the items on the agenda pertaining to the business and finance area.

EMPLOYMENT OF ENGINEER AND REQUEST FOR CONSTRUCTION BIDS
McCRACKEN POWER PLANT, COAL-FIRED BOILER
Resolution No. 83-131

Synopsis: Authorization to employ an engineering firm, solicit construction bids, and recommend the award of contracts for the McCracken Power Plant coal-fired boiler project is proposed.

WHEREAS the Board of Trustees, on April 1, 1983, authorized the issuance and sale of either General Receipts Bonds, Series 1983, or General Receipts Bond Anticipation Notes, Series 1983, as determined by the University, in an amount not to exceed $18,500,000.00 to finance engineering and construction of a new coal-fired boiler at McCracken Power Plant and other related improvements; and

WHEREAS the total construction cost of this project is not to exceed $18,500,000.00, and it is anticipated that this new boiler will save the University as much as $150,000,000.00 in fuel costs over the next 20 years; and

WHEREAS this construction will provide for the replacement of an old coal-fired boiler with a new energy efficient coal-fired boiler, including coal storage and handling, ash handling, environmental control system for sulfur dioxide and particulate removal in accordance with current Environmental Protection Agency requirements; extension of the steam and steam condensate distribution systems to serve all facilities in the Midwest Campus, Biological Sciences Building, Drake Union, Lincoln Tower, Morrill Tower, Parks Hall and supplementary services to University Hospital facilities; upgrading of McCracken Power Plant including replacement of ungrounded 480-volt electrical system, replacement of No. 2 air compressor, and miscellaneous floor and window replacements; and the expansion of steam and condensate services and capacities in 18th Avenue and 19th Avenue:
May 5, 1983 meeting, Board of Trustees

EMPLOYMENT OF ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
McCRACKEN POWER PLANT, COAL-FIRED BOILER (contd)

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select, in consultation with the Department of Administrative Services, Division of Public Works, a qualified engineering firm for this project to provide final design, bid documents, and construction inspection for the new coal-fired boiler, and that the fee for these 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 for this project in accordance with established 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. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 83-132

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:

LAW BUILDING, AIR CONDITIONING SYSTEMS IMPROVEMENTS

Project: Convert the original multizone air conditioning systems, AC-4 and 5, to an energy efficient variable volume system to correct present environmental problems caused by inadequate ventilation capacity and perform necessary associated work.

Funding: Budget Account 210134, Contract Repair

Estimated Project Cost: $180,375.00
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. Berry, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENTS
OHIO EDISON
FARM SCIENCE REVIEW

Resolution No. 83-133

Synopsis: Authorization to grant easements to Ohio Edison is requested.

WHEREAS Ohio Edison has requested four easements across a total of 4,672 feet of College of Agriculture land located at the Farm Science Review in Madison County, Ohio, to permit the installation of electrical transmission lines to service farm operations buildings on the property; and

WHEREAS these lines will be located so as not to interfere with any farm operations and will result in the removal of existing poles; and

WHEREAS the electrical transmission lines for which the easements are requested serve only University facilities; and

WHEREAS the appropriate University agencies 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 the easements.

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

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Synopsis: Authorization to grant an easement to Hopco Resources, Inc. is requested.

WHEREAS Hopco Resources, Inc. has requested an easement across approximately 1,450 feet of Ohio Agricultural Research and Development Center land located at the Pomerene Forest Laboratory in Coshocton County to permit them to install a 2-inch gas line; and

WHEREAS the gas line will be located so as not to interfere with any OARDC operations; and

WHEREAS Hopco Resources, Inc. will pay the University $9.90 per lineal rod (approximately $870.00) for this easement; and

WHEREAS the appropriate University 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 this easement.

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

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EXPRESSION OF APPRECIATION TO ROBERT A. BURNHAM

Resolution No. 83-135

WHEREAS as part of an organizational realignment to enhance certain vital functions of the University, President Edward H. Jennings established the Office of Communications and Development in the spring of 1982; and

WHEREAS President Jennings asked Dr. Robert A. Burnham to assist in the organization and development of that new function on a temporary basis, serving in the capacity of Acting Vice President for Communications and Development until a search could be conducted and a regular appointment made to that position; and

WHEREAS Bob Burnham agreed to serve in that acting position, one which demanded an enormous amount of time, energy, understanding and leadership ability, all of which qualities Dr. Burnham brought to the position; and
EXPRESSION OF APPRECIATION TO ROBERT A. BURNHAM (contd)

WHEREAS after a lengthy and thorough search process, Thomas L. Tobin has been appointed as Vice President for Communications and Development and Dr. Burnham has resumed his duties as Dean of the College of Education:

NOW THEREFORE

BE IT RESOLVED, That the gratitude and deep appreciation of this Board be expressed to Dr. Burnham for his willingness to provide leadership during the period of transition in connection with the establishment of the Office of Communications and Development, and for his tireless efforts on behalf of the University in the capacity of Acting Vice President during the last year.

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

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At the request of President Jennings, Mr. Berry convened the Student Affairs Committee.

Deb Cassidy distributed copies of the Graduate Voice which is the quarterly newsletter to report on the activities of graduate students.

Colleen O'Brien reviewed the past year and some of the accomplishments of the Undergraduate Student Government. Last June when assuming the presidency of the USG she had expressed her thoughts and feelings concerning what she had hoped to achieve. One of her concerns had been the lack of continuity of the workers in the student government from one year to the next. She reported that USG has a student base that is supportive of the new administration and thus will have continued organizational continuity for the coming year. Colleen introduced Todd Shaver and Lisa McGlone, the new president-elect and vice president-elect, respectively.

Todd Shaver enumerated some of the upcoming projects which USG has planned. One of the highlights of the Autumn Quarter will be a motorcoach trip to Norman, Oklahoma, for the Oklahoma-Ohio State football game on September 17, 1983.

Mark Berry of Ohio Staters, Inc., outlined plans for their project entitled "Sing Ohio's Praise Week." This week is designed to increase student awareness of the academic excellence that is available to them at The Ohio State University. During the week of May 15 through 21 there will be quarter-page ads in the Lantern which will focus on academic accomplishments at the University; National Merit Scholars and the number of class valedictorians; top ranked colleges and departments; and individual achievements.

Ohio Staters, Inc., will hand out 5,000 book marks that will contain some kind of information about Ohio State.

Mr. John Berry proposed the following proclamation in support of "Sing Ohio's Praise Week":

May 5, 1983 meeting, Board of Trustees
May 5, 1983 meeting, Board of Trustees

PROCLAMATION - “SING OHIO’S PRAISE WEEK”
Resolution No. 83-136

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

WHEREAS students at The Ohio State University are not always familiar with the breadth of this strength, especially in areas outside their academic majors; and

WHEREAS “Sing Ohio’s Praise” is a campaign designed and sponsored by Ohio Staters, 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 May 15 through 21, 1983, as “Sing Ohio’s Praise Week” at The Ohio State University.

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

Mr. John Berry presented the following resolution:

RESOLUTION OF APPRECIATION FOR THE PARTICIPATION OF THE 1982-83 STUDENT GOVERNMENT LEADERSHIP
Resolution No. 83-137

WHEREAS the terms of office of the 1982-83 elected student officers are nearing completion; and

WHEREAS during the 1982-83 year this Board has received from leaders of the student governments numerous reports on projects, activities, interests and concerns; and

WHEREAS the Board recognizes that the student leaders this year have taken time from busy schedules and conflicting demands in order to bring to the attention of this Board matters and concerns of special interest to students; and

WHEREAS the participation of elected officers and other representatives of student groups in the deliberations of this Board has enhanced communication and understanding between the Board and the students as well as other constituencies:
RESOLUTION OF APPRECIATION FOR THE PARTICIPATION OF THE
1982-83 STUDENT GOVERNMENT LEADERSHIP (contd)

NOW THEREFORE

BE IT RESOLVED, That the Trustees of The Ohio State University express to the
presidents of the Undergraduate Student Government, the Council of Graduate
Students and the Graduate-Professional Council their gratitude and appreciation
for the contributions of those individuals and their colleagues during this year,
and wish them every success and happiness in the pursuit of their interests and
objectives in the years ahead.

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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President Jennings called on Dr. Haenicke to make an announcement.

APPOINTMENT OF DR. FRANCILLE FIREBAUGH AS ASSOCIATE PROVOST

Dr. Haenicke made the following statement:

I'm very pleased to inform the members of the Board that at the June meeting we
will bring a request for approval that Dr. Francille Firebaugh be appointed Associate
Provost, effective June 1. As you all know, Professor Firebaugh earned her
Ph.D. at Cornell University, holds the rank of full professor in the School of Home
Economics, served in a very distinguished fashion for many years as Director of
that school, and most recently served the University as Acting Vice President for
Agricultural Administration and Executive Dean of the College of Agriculture, in-
cluding the School of Natural Resources and Home Economics. Francille and I
have worked extremely well together during the last several months during the
transition period. I have received, through her, an enormously interesting intro-
duction into the problems that concern the agricultural sector of our school. I
have admired during the last month that we have worked together, her common-
sensical approach to administrative problems, her sensitivity to academic affairs,
to faculty and student concerns, her good judgment in all these matters, and her
high administrative talent. I am looking very much forward to her joining my
office and I am sure that I'll be greatly assisted by that move and that the Uni-
versity is going to be extremely well served by this appointment, if the Board
will approve it.

President Jennings stated further:

Thank you, Diether. I'd just like to--I think that is one of the fine appointments--
we often talk about the appointments we make, but I think it is very clear with
the work done this past year in the College of Agriculture that Francille has shown
all of us, and I think the community at large, that she is truly one of the nation's
APPOINTMENT OF DR. FRANCILLE FIREBAUGH AS ASSOCIATE PROVOST (contd)

President Jennings (contd):

fine educational leaders in this country and we are delighted she is going to continue on in the leadership post and will be very beneficial to Ohio State and may make a farmer out of Diether and I yet.

Mr. Galbreath: She is good, but I don’t know about that.

Dr. Haenicke:

She would be the third person in Agriculture in the Provost's office at that time. So we are surrounded by "aggies" up there.

Mrs. Bowser: I'm very happy about that.

President Jennings: We won't be able to defend ourselves.

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President Jennings called on Vice President Mount to make a presentation on the Regional Campuses.

REPORT - REGIONAL CAMPUSES

Vice President Mount reported that those involved with Regional Campuses are especially mindful of twenty-five years of service where the educational services of The Ohio State University have been attended through the offering of courses in the Lima, Mansfield, Marion, and Newark communities, a region that conservatively covers twenty-three counties. Since that time some 75,000 persons have earned credit through those facilities. The North Central Association Accreditation Team visited the Regional Campuses during the past year. They have formally notified the University that the Regional Campuses of Lima, Mansfield, Marion, and Newark have been accredited to be continued with the offering of lower division courses including the degree of associate of arts and a baccalaureate program in early and middle childhood education.

Dr. David Kramer, Dean/Director of the Mansfield Regional Campus, brought with him a brick which was made by John B. Conard, the grandson of John A. Conard, Sr., who made the bricks for the original University Hall. "This brick reminds us of our tie to the very origins of The Ohio State University and symbolizes those founders and loyal supporters on whose shoulders we stand," said Dr. Kramer. The primary mission of the Regional Campuses is to offer degree programs, but each of the Regional Campuses serve their communities in ways that go far beyond the traditional role. Dr. Kramer described a few of the community projects that the Mansfield Campus faculty work on each year. The entire campus has been made available to the community for a wide variety of meetings, banquets, fundraising events and other activities which bring more than 10,000 people to the campus each year.
May 5, 1983 meeting, Board of Trustees

REPORT - REGIONAL CAMPUSES (contd)

Dr. Charles Bird, Associate Professor in the Department of Psychology, reported that the Mansfield Regional Campus has a faculty that is truly excellent in every sense of the word. Despite limited facilities, higher than normal teaching loads for OSU, and the lack of graduate students or advanced undergraduates, a high level of scholarly productivity is achieved. There will be two full professors and twelve associate professors on the Mansfield Campus next year. Dr. Bird expressed the view that there must be few places in the country where freshmen and sophomores receive instruction and guidance from such well established scholars in an atmosphere that encourages personal contact.

Vickie Lynn Echelberry, a senior in Early and Middle Childhood Education, was recognized at the President's Recognition Dinner as one of the top 400 seniors of The Ohio State University. She expressed her appreciation at having a Regional Campus with such fine facilities and an excellent faculty to guide the students in their studies. Mrs. Echelberry said there were many caring professors who don't try to tell their students what to think, but instead try to help them learn how to think.

James Miller, a junior student, represented the students who plan to go two years on the Regional Campus and transfer to the Columbus Campus. He transferred to the Columbus Campus as of Autumn Quarter, 1982. He feels that he has had the "best of both worlds" having had the experience of being on a small campus for two years then coming to the Columbus Campus. At Mansfield he indicated he found faculty, administration, and staff interested not only in a student's education, but also in helping students make the adjustment from high school to college.

Mrs. Jean Smith, speaking on behalf of the Citizens Council, thanked the Board of Trustees and the University administration for the recognition and support they had given to all the regional campuses—and especially the Mansfield Campus. She enumerated some of the activities that the Citizens Council had been involved in, in attempting to meet the needs of the constituent groups of the Mansfield Regional Campus. The National Commission's Education report has precipitated some stirring dialogue and grave concern among citizens and educators in the local community. Mrs. Smith pointed out that Ohio State must do what it can to encourage improvement in the local schools.

President Jennings then commented:

John, thank you and thank you all. I think there is a couple of things that bear emphasis which are somewhat subtle in the educational world. We were very pleased with the North Central report for full accreditation to the Regional Campuses. More subtly, what John pointed out, that the next North Central evaluation should incorporate the Regional Campuses, as well as the Columbus Campus, it's a very, very unusual statement to the quality of the Regional Campuses. The typical and indeed most usual accreditation process from North Central—four regional campuses is a separate accreditation for the Regional Campuses. The North Central statement that the Regional Campuses should be part of the entire accreditation process is coming from their belief that the educational process, the educational quality at the Regional Campuses is no different, is not significantly different than the Columbus Campus. And it really represents a maturing of the Regional

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May 5, 1983 meeting, Board of Trustees

REPORT - REGIONAL CAMPUSES (contd)

President Jennings (contd):

Campuses where an outside agency has said that our concept of one campus is really the case. I don't know of another regional campus system in the country that has now fully been incorporated by North Central which is the overall accrediting body for most of the United States where those regional campuses have had that large a compliment (and believe me it is a large compliment) to be incorporated with the main campus associated with it. And I think that bears emphasis too, that it's just not Dr. Kramer who is saying that the Mansfield, Lima, Newark, and the Marion Campuses are outstanding, it is a national organization that is saying that they are outstanding, as well.

I think secondly, it does bear repeating, and I am very pleased that the House Finance Committee looks as though they will recommend an increase in the Governor's recommendation of $65 million. I should point out that that recommendation, while we appreciate their help, continues to fall far short of the needs of higher education in this state. We will be able to make progress on that, but our tuition as a percentage of the cost of education will continue to remain above 40 per cent--with the national norm is one-third--our tuition will remain high with that kind of recommendation. We are hopeful that the Senate in its wisdom will also be responsive to these needs and suggest a further increase beyond the House's recommendation.

Finally, I think--and Jean you reported to the National Report--I think it is also worth noting that despite budget problems--and Time magazine pointed out that Ohio (while Time magazine said the State of Ohio, I think what they meant was Ohio State) had already adopted many of the recommendations that were in that report and essentially Ohio State and the State of Ohio are at least two years ahead of the rest of the nation in addressing some of the problems--in not only higher education, but primary and secondary education. But, we thank you folks very much and I can assure you that nobody on this Board thinks you are an "old" student. And we appreciate your time and look forward to having lunch with you. Thank you for your report and thank you, John.

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APPRECIATION TO WARREN J SMITH

President Jennings made the following statement:

We have one more item before we adjourn, Mr. Chairman. The May meeting is in some ways always a sad event and we at The Ohio State University would like to express our great appreciation in our small way of what Mr. Warren Smith has done for The Ohio State University in these past nine years. I certainly appreciated all your help during the last two years, Warren, and it's a small token of our appreciation and we appreciate that very much at your last meeting.
May 5, 1983 meeting, Board of Trustees

APPRECIATION TO WARREN J SMITH (contd)

President Jennings presented Mr. Smith with a gavel in recognition of outstanding service as a member and chairman of this Board:

WARREN J SMITH

in appreciation of his service

to the Board of Trustees of

The Ohio State University

Member 1975-1983

Chairman 1982-1983

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-138

RESOLVED, That the report on the University's Investment Portfolio, dated April 15, 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, June 9, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman
APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 10, 1983
Page 558 is blank
The Ohio State University, in this its 284th Commencement ceremony, is deeply honored by the presence of the Vice President of the United States, George Bush. The University is pleased to bestow upon Vice President Bush its highest honor, the degree Doctor of Humane Letters, honoris causa.

Edward H. Jennings
President
Recipients of Honors

Benjamin S. Bloom
Doctor of Humane Letters

An internationally recognized leader in education, Benjamin Bloom has greatly affected modern educational reform. Since he received his doctorate from the University of Chicago in 1944, he has been studying, evaluating, and challenging how children are educated. Dr. Bloom is the author of Taxonomy of Educational Objectives, a seminal work in his field. In all, he has written 16 books and is a contributing author to 17 others. He has published many articles on education and served as an editorial consultant to leading professional journals in education.

Dr. Bloom is one of the founding members of the International Association for the Evaluation of Educational Achievement and a fellow of the American Psychological Association. He is also a member and former president of the American Educational Research Association. A teacher for more than 40 years, he is now the Distinguished Service Professor of Education at the University of Chicago.

The University is proud to recognize Dr. Bloom for his many contributions to education and for fostering the development of America's most precious resource—our children.

George Bush
Doctor of Humane Letters

Vice President Bush's service to his country dates back to World War II. Upon graduating from Phillips Academy in 1942, he immediately enlisted in the U.S. Navy at 18, becoming the youngest commissioned pilot in the Navy at that time. After the war, he entered Yale University, where he majored in economics, and in 1948, he was graduated Phi Beta Kappa.

In 1966 he was elected to the U.S. House of Representatives. As a congressman he worked on legislation dealing with problems of excessive government spending and inflation, national defense, civil rights, quality education, natural resources, and the environment. From 1971 to 1973, he was the United States Ambassador to the United Nations and in 1974 became the chief of the U.S. Liaison Office in the People's Republic of China. He was then appointed director of the Central Intelligence Agency.

He was nominated by his party for the vice presidency in July of 1980. Mr. Bush was then elected vice president designate of the United States in November and sworn into office as the 43rd vice president of the United States in January of 1981.

In bestowing this honor, the University seeks to recognize Vice President Bush for his many years of dedicated public service and is honored to have him address the graduates of its 284th Commencement.
Vincent T. DeVita Jr.
Doctor of Science

A tireless researcher, Dr. Vincent DeVita is widely known for his work in developing the curative drug therapy for Hodgkin's disease. He and his colleagues at the National Institutes of Health developed a four-drug combination that increased the cure rate for patients with advanced Hodgkin's disease from nearly zero to 50 percent. In 1972, he received the Albert and Mary Lasker Medical Research Award for his work on Hodgkin's disease. He also played a major role in developing curative combination chemotherapy treatment for a common non-Hodgkin's lymphoma as well as similar treatments for cancers of the ovary and breast.

A prolific writer, Dr. DeVita is the author or coauthor of more than 300 scientific papers and the coauthor of a major textbook in cancer medicine—Cancer Principles and Practice of Oncology. He also serves on the editorial boards of numerous scientific journals.

A recipient of many honors and awards, Dr. DeVita received the Griffuel Prize; the Superior Service Award of the Department of Health, Education, and Welfare; the Alumni Medallion of the College of William and Mary; and the Langer Award. He received his bachelor's degree in 1957 from the College of William and Mary and in 1961 was graduated with distinction from the George Washington University College of Medicine, where he later served as a professor of medicine. Dr. DeVita joined the National Cancer Institute in 1963 and has served as its director since July of 1980.

The University is proud to honor this great researcher, teacher, and healer by bestowing upon him the degree of Doctor of Science, honoris causa.

Frank Press
Doctor of Science

Dr. Press is recognized internationally for his pioneering contributions in geophysics, oceanography, lunar and planetary sciences, and natural resource exploration. His primary scientific activities, however, have been in seismology and the study of the earth's deep interior. He has also led research efforts on earthquake prediction in the United States as well as efforts to foster international cooperation with Japan, the Soviet Union, and the People's Republic of China.

Dr. Press has a long career of public service, holding positions in the Kennedy, Nixon, Ford, and Carter administrations. He also participated in the bilateral science agreement negotiations with the Soviet Union and was a member of the U.S. delegation to the nuclear test ban negotiations in Geneva and Moscow.

He received his undergraduate degree in physics from the City College of New York and advanced degrees in geophysics from Columbia University in 1946 and 1949, when he joined the Columbia faculty. He also held positions at the California Institute of Technology and the Massachusetts Institute of Technology, where he was appointed Institute Professor in 1981. In that same year he was elected the 19th president of the National Academy of Sciences.

For his ongoing efforts to foster international cooperation, for his distinguished public service, and for encouraging basic research in the sciences—the University today honors Dr. Press by awarding him the degree of Doctor of Science.
The Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Linda Mae Adams, Atlanta, Ga.; B.S. (Albany State College); M.Ed. (Georgia State University); Education; Dr. Martin L. Langua

Abayomi Joseph Ajayi-Majebi Iyamoye, Kwara State, Nigeria; B.Sc. (University of Lagos); M.S.; Civil Engineering; Dr. Zaltan A. Nemeth

Christine Ruth Albrighton, Gaanahnaa; B.S.; Pharmacology; Dr. Richard H. Fertel

Trude Jean Amick, Roaring Spring, Pa.; B.A. (Franklin and Marshall College); Chemistry; Dr. Harold Shechter

Kristin Aronson, Waterbury, Conn.; B.A., M.A.; Philosophy; Dr. Andrew G. Oldenquist

John Steve Ballard, Dickinson, N. D.; B.A. (Utah State University); M.A. (Purdue University); Romance Languages and Literatures; Dr. Grinor Rojo

Thomas Jules Barrhaitu, Metairie, La.; B.S. (Rensselaer Polytechnic Institute); M.S.; Geology; Dr. Randall L. Schall

Terry M. Barrett, Columbus; A.B. (Webster College); M.A.; Art Education; Dr. Rosa A. Norris

Edna Helen Berry, Worthington; B.A. (Westminster College); M.A.; Sociology; Dr. Joseph J. Guaranta

Lyman Marie Binn, Glen's Falls, N. Y.; B.S. (State University of New York at Plattsburgh); M.H.Ed. (University of Arizona); Home Economics; Dr. John E. Ginterman

Jan Mario Brecht, Columbus; B.S. (University of Iowa); M.R.C. (Bowling Green State University); Education; Dr. Joseph J. Guaranta

Raquel S. Calderon, Rio Piedras, Puerto Rico; B.A. (Polytechnic Institute of Puerto Rico); M.S.W. (Columbia University); Social Work; Dr. Milton S. Rosser

Craig Holycross Canaday, Anderson, Ind.; B.A. (Miami University); M.S.; Plant Pathology; Dr. Anges F. Schmitterman

Karen Rose Carney, Baltic; B.M. (Baldwin-Wallace College); M.A.; Music; Dr. Jerry E. Lowder

Kenneth George Carpenter, Columbus; B.A., M.A. (Wesleyan University); Astronomy; Dr. George W. Collins, II

Daniel Edward Chall, Flushing, N. Y.; B.S. (State University of New York at Albany); M.A.; Economics; Dr. Donald H. Haurin

Douglas Eugene Chimmar, Mansfield; B.A. (The American University); M.Div. (Ashland Theological Seminary); Philosophy; Dr. Andrew G. Oldenquist

Hsin-Hsien Chung, Pingtung, Taiwan, R.O.C.; B.S.E.E. (Tatung Institute of Technology); M.S.; Electrical Engineering; Dr. Walter D. Burns

Janis E. Clymer, Hilliard; B.S. (Youngstown State University); M.S.; Physics; Dr. Chen Yung Yang

Janet Powell Colazini, Delware; B.A., M.A. (Duquesne University); History; Dr. John C. Barnhard

Mark Leo Collins, Columbus; B.A., M.A. (University of Denver); Biochemistry; Dr. Lee F. Johnson

Janie B. Connell, Adel, Ga.; B.S., M.Ed. (Valdosta State College); Vocational Education Comprehensive Program; Dr. Donald G. Lox

William Crandell, Sylvania; B.A., M.A.; History; Dr. Gary W. Reichard

Donald Frank Cunningham, Shreveport, La.; B.B.A. (Baylor University); M.B.A. (North Texas State University); Business Administration; Dr. Patric H. Hendershot

Joseph Gerard D'Mello, India; B.Sc., M.Sc. (Bangalore University); M.A. (State University of New York at Stony Brook); Mathematics; Dr. Munahar L. Madan

Raymond Curtis Dantziger, Hawthorne, N. J.; B.A. (Oberlin College); M.A.; Health, Physical Education and Recreation; Dr. Barbara A. Nelson

David Lane Darling, Jr., Columbus; B.S., M.S. (University of Massachusetts); Agricultural Economics and Rural Sociology; Dr. George Morse

Calvin Frederick Dill, Ithaca, N. Y.; B.S., M.A. (University of New Hampshire); Agricultural Education; Dr. Robert Warmbrod

Anadje Djogo, Attiekoy, Ivory Coast, Anyama; DAGA (University of D'Abidjan); M.S. (University of Illinois); Agricultural Economics and Rural Sociology; Dr. Warren F. Lee

Bruce Edward Duke, Nulney, N. J.; B.A. (William Paterson College); M.A.; Education; Dr. James V. Wignall

Henry Stephen Elja, Columbus; B.S., M.S.; Electrical Engineering; Dr. Aaron A. Kieniewski

Errol Keith English, Monroe, N. C.; B.S. (North Carolina State University); M.S.; Electrical Engineering; Dr. Benedict A. Monk

Mahmoud Falaki, Iran; B.S. (The Mass Communication College); M.S. (Indiana University); Education; Dr. William D. Dowling

Elmer Jack Fashbaugh, Forest Lake, Minn.; B.S., M.A. (St. Cloud State University); English; Dr. Christian K. Zacher

Dale Michael Feinauer, Cincinnati, Ohio; M.L.H.R.; Labor and Human Resources; Dr. Steven C. Kelley

Susan Ellen Feldman, New York City, N. Y.; B.A. (State University of New York at Buffalo); M.A.; Psychology; Dr. Philip M. Clark

Paul William Ferguson, Cincinnati, Ohio; (Walsh College); M.S.; Animal Science; Dr. Walter R. Harvey

Deborah Jean Ferrante-Alexander, Cleveland; B.S. (Bowling Green State University); M.A. (Cleveland State University); Education; Dr. John O. Cooper

Mark Allen Fine, Toledo; B.A. (Cornell University); M.A.; Psychology; Dr. Andrew I. Schwebel

Suzanne Aleta Fisher, Columbus; A.B. (Vassar College); M.A.; Music; Dr. William Poland

Erik Harrower Forrest, Athens; B.A. (Edinburgh College of Art); A.T.D. (University of Edinburgh); Art Education; Dr. Kenneth A. Murant

Jaynee Lynn Feust, Columbus; B.S., M.Ed. (Miami University); Vocational Education, Comprehensive Program; Dr. Thomas R. White

Roberta Florence Freed, Columbus; B.S., M.A. (Kent State University); Education; Dr. David L. Boggs

Thomas Gabor, Ottawa, Ontario, Canada; B.A. (Loyola University of Montreal); M.A. (University of Ottawa); Sociology; Dr. Simon J. Diamond

Anolia Gallagher, Nazhara, N. H.; B.S., M.A.; Psychology; Dr. John E. Horryck

Richard Edward Gans, Columbus; B.A. (University of Tampa); M.S. (University of South Florida); Communication; Dr. Edward J. Hardick

Pamela Kent Geyer, Columbus; B.S. (McGill University); Biochemistry; Dr. Lee F. Johnson

Pamela Suzanne Gimenez, Murcia, Spain; B.A. (Webster College); M.A.; Art Education; Dr. Ross A. Norris

Mary Therese Gonzza, Worthington; B.A. (Ohio Wesleyan University); M.S.; Home Economics; Dr. Ellen Hoek
Robin Jean Hailstorks, Washington, D. C.; B.S. (Morgan State University); M.A.; Psychology; Dr. Henry R. Angelini

Dhananjay Haji, Columbus; B.S., M.S.; Mathematics; Dr. William B. Johnson

Dale Dawson Hancock, Stephenville, Tex.; B.S., D.V.M. (Texas A & M University); M.S.; Veterinary Preventive Medicine; Dr. Erwin M. Kohler

Karen Vance Harper, Elkins, W. Va.; B.A. (Glenville State College); M.S.W.; Social Work; Dr. Robert M. Ryan

David Edward Harris, Tulia, Tex.; B.A. (Texas A & M University); B.S. (University of Houston); M.S.; Chemistry; Dr. Perry A. Frey

Robert Dale Hoffman, Wenterville; B.S. (Michigan State University); M.S.; Zoology; Dr. Theodore A. Marquis

Jan Sieve Hofstran, Sauda, Norway; Cand. Mag. (University of Bergen, Norway); M.S.; Physics; Dr. Ta-Yang Ling

James T. Hoskison, Dublin; B.A. (Southern California College); M.A.; M.S.; Linguistics; Dr. David Stamps

Norma K. Hostetler, Findlay; B.A. (Wittenberg University); M.A.; Education; Dr. Gail McCatchem

Dorothy Williams Huston, Monroeville, Ala.; B.S. (Alabama A & M University, at Normal); M.S.; Education; Dr. George F. Keeler

David Carl Hftner, Harvard, Ill.; B.S. (Western Illinois University); M.S. (University of Missouri); Entomology; Dr. Franklin R. Hall

Paul Michael Janos, Seattle, Wash.; B.S. (Stanford University); M.A.; Psychology; Dr. Charles Wearn

Caroline Jessie Jones, Sunnyvale, Calif.; B.S. (California Polytechnic State University, Pomona); M.A.; California State University at Long Beach); Health, Physical Education and Recreation; Dr. Barbara A. Nelson

Abdel Rahim El Sayed Karrar, Omdurman, Sudan; B.V.Sc. (University of Khartoum); D.V.T.M., M.Sc. (University of Edinburgh); Veterinary Preventive Medicine; Dr. John P. Donahue

Prakash Shamrao Khare, Bombay, India; B.S.B.A., M.B.A. (Utah State University); B.S. (Bomlay University); Business Administration; Dr. Andrew H. Chea

So Ok Jin, Seoul, Korea; B.S. (Air Force Academy); B.A. (Yonsei University); M.A. (Seoul National University); Education; Dr. John C. Ireland

Claire Christian Kingsseed, Piqua; B.A. (University of Dayton); M.A.; History; Dr. Allan R. Millert

Pamela Elise Knapp, Garden City, N. Y.; B.S. (Cornell University); M.S.; Psychology; Dr. Margaret T. Nakikowaru

Tom Joseph Knobbe, Auburn, Ia.; B.S. (University of Iowa); M.A.; Psychology; Dr. Charles Wearn

Kamari Koussekani, Tehran, Iran; B.S. (Oklahoma State University); M.S. (University of California at Davis); Agricultural Education; Dr. Larry E. Miller

David Dennis L Angeille, Denver, Colo.; B.E., M.E. (Colorado State University); Vocational Education, Comprehensive Program; Dr. William L. Hall

Daniel R. Ladner, Memphis, Tenn.; B.S. (Memphis State University); M.S.; Physics; Dr. James T. Tough

Ann Marie Suzanne Lepland, Waterville, Me.; B.A. (Colby College); B.S. (Johns Hopkins University); M.A.; Psychology; Dr. Samuel Ospina

William Joseph Lee, Columbus; B.A. (Marist College); M.A. (Montclair State College); Education; Dr. Thomas M. Stephens

Yung Lee, Taiwan, R.O.C.; B.S. (Tsing-Hua University); M.S.; Physics; Dr. Richard N. Boyd

Peg Elizabeth Levine, Columbus; B.A. (University of Michigan); M.A. (New York University); English; Dr. Suzanne C. Ferguson

Ronald Lee Lewis, Columbus; B.S., B.M.S.; Industrial and Systems Engineering; Dr. Clark A. Mccart-Campbell

Luc E. Lopez, Caguay, Puerto Rico; B.A.; M.S.W., M.A. (University of Puerto Rico); Social Work; Dr. Milton S. Rosner

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Lesta A. Chandler, Columbus; B.A.; Labor and Human Resources
Paul Stanley Cox, Ravenna; B.S.; Labor and Human Resources
Andris Eric Iaveiss, Waukesha, Wis.; B.A.; Labor and Human Resources
Rita Fay Johnson, Hayti, Mo.; B.S. (Lincoln University); Labor and Human Resources
Michael Casey Murray, Cincinnati; B.A. (Xavier University); Labor and Human Resources
Laura Renee Shoup, Rittman; B.A.; Labor and Human Resources
Sandra J. Wilkins, Columbus; B.F.A. (Bowling Green State University); Labor and Human Resources
Linda Marie Zimmerman, Grovetown; B.A. (Kent State University); Labor and Human Resources

Master of Landscape Architecture

Timothy Paul Johnson, Columbus; B.S.L.A.; Landscape Architecture

Master of Music

Calvin Alonzo Bolton, Union, S.C.; B.A. (Limestone College); Music
Borden Anthonia Brown, Ashtabula; B.M., M.A.; Music
David Michael Johnson, Cut Bank, Mont.; B.S. (Montana State University); Music
Diane Danielle Johnson, Clyde; B.M.; Music
Soon Won Kim, Columbus; B.M.D. (Seoul National University); Music
Mark Alan Rush, Columbus; B.A., B.M.; Music
Marilyn M. Shipman, Worthington; B.S., M.Ed. (Kent State University); Music
Angela Ching-Chi Tam, Hong Kong; B.A. (Chinese University of Hong Kong); Music

Master of Public Administration

Melinda Lou Au, Mansfield; A.B. (Miami University); Public Administration
Bruce Edward Butts, Enon; B.S. (Wright State University); Public Administration
Steven Max Carter, Ashtabula; B.S.; Public Administration
Mardy Robert Chaplin, Dayton; B.A. (Malone College); Public Administration
Carol Sue Cyrus, South Point; B.S.S.W.; Public Administration
Jeffrey Kown Darrach, Lyndhurst; B.A. (Hiram College); Public Administration
Kevin Thomas Fenlon, Columbus; B.A. (University of Dayton); Public Administration
Margaret Lynn Foley, Cincinnati; B.S. (University of Cincinnati); Public Administration
Rita Fay Johnson, Hayti, Mo.; B.S. (Lincoln University); Public Administration
Judith Ann Jones, Dublin; B.A., M.A. (Bowling Green State University); Public Administration
Susan Lois Laufer, Cleveland; B.A.; Public Administration
Diane Luteran, Garfield Heights; B.A.; Public Administration
John Luteran, Garfield Heights; B.A. (Ohio Wesleyan University); Public Administration
Sheila Elaine Milligan, Delaware; B.S.; Public Administration
Randy Leon Mitchell, Jefferson City, Mo.; B.S. (Lincoln University); Public Administration
Thomas Davis Moore, Huron; B.A. (Ohio Wesleyan University); Public Administration
Mita Mukherjee, Calcutta, India; B.A. (Calcutta University); Public Administration
Gregory N. Myers, Springfield; B.A. (Miami University); Public Administration
Mary Kay Ruwette, Columbus; B.A. (Ohio Wesleyan University); Public Administration
SueAnn Bridget Schwab, Pittsburgh, Pa.; B.A. (John Carroll University); Public Administration
Laura Renee Shoup, Rittman; B.A.; Public Administration
Nelson Theodore Smith, Springfield; B.A. (Wittenberg University); Public Administration
Paul William Suddes, Youngstown; B.S. (Youngstown State University); Public Administration
Anne Lynn Taylor, State College, Pa.; B.S. (Pennsylvania State University); Public Administration
Brenda Louise Emanuel Thomas, Columbus; B.S. (University of Cincinnati); Public Administration
Richard Walter Tribe, Des Plaines, Ill.; B.S. (Illinois State University); Public Administration

Master of Science

Reverly Leannor Anderson, Amityville, N.Y.; B.S. (Coppin State College); Nursing
Marcia Lee Andrus, South Charleston; B.S.; Agricultural Education
Dana Mark Archual, Akron; B.S. (University of Toledo); Pharmacy
Brian Scott Armitage, Columbus; B.S., O.D.; Physiological Optics
Cynthia Jayne Atman, Columbus; B.S. (West Virginia University); Industrial and Systems Engineering
Bruce Barton Bailey II, Worthington; B.S. (United States Military Academy); Geodetic Science and Surveying
Keith Alan Bailey, Middletown; B.S.; Electrical Engineering
Robert L. Baker, Columbus; B.S. (Ball State University); M.D. (Indiana University); Medical Microbiology and Immunology
Dilli Ram Baral, Jhapa, Meechi Zone, Nepal; B.S. (Punjab Agriculture University); Horticulture
Beverly Jean Bernardos, Endicott, N.Y.; B.A. (State University of New York at Potsdam); Mathematics
Melinda Kay Berry, Columbus; B.S.; Preventive Medicine
Thomas Edward Bihari, New Philadelphia; B.S. (Kent State University); M.S.; Computer and Information Science
George Thomas Black, Columbus; B.S. (University of Cincinnati); Aeronautical and Astronautical Engineering
Neil Lawrence Blits, Brooklyn, N.Y.; B.A. (Brooklyn College); D.M.D. (Tufts University); Dentistry
Humberto Jorge Bohr, LaPaz, Bolivia; B.S. (University of Arkansas); Industrial and Systems Engineering
Myfanwy Jori Borel, Columbus; B.S.; Home Economics
Alberta June Boyle, Nashport; B.S.N. (Capital University); Nursing
Min-Chi Chang, Taipei, Taiwan, R.O.C.; B.S. (Taiwan Normal University); M.S. (National Central University); Welding Engineering
Roy-Chen Chang, Taipei, Taiwan, R.O.C.; B.S. (National Chung Hsing University); Chemical Engineering
Souha Chaaban Jeampur, U.P., India; B.S. (Benares Hindu University); M.S. (Madras University); Pharmacology
Ashok Kumar Chawla, Columbus; B.S.; Pharmacy
Chi-Yu Chen, Tainan, Taiwan, R.O.C.; B.S. (Tunghai University); Chemical Engineering

Tenny Chen, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); Metallurgical Engineering

Chen-Huan Chien, Taipai, Taiwan, R.O.C.; B.S. (Taiwan Provincial College of Marine and Oceanic Technology); Civil Engineering

Karen Chisholm-Roheano, Westerville; B.S.N.; Nursing

William L. Chlebowy, Buffalo, N. Y.; B.S.; Civil Engineering

Jong Min Cho, Columbus; B.S. (National University, Jeonbuk, Korea); Horticulture

Denis Eugene Clark, San Mateo, Calif.; B.S. (Cornell University); Welding Engineering

Scotfield Dacosta Clarke, Barbados, West Indies; B.Sc. (University of the West Indies); Electrical Engineering

Sandra Lee Conte, Columbus; B.S.; Nursing

Brenda Lee Cousino, Toledo, B.S. (University of Toledo); Pharmacy

Carl Rufus Croiter, Corpus Christi, Tex.; B.A. (Baylor University); Botany

Linda Weber Daniel, Woodsfied; B.S.; Allied Medical Professions

Lani Ann Davakis, Columbus; B.S. (Youngstown State University); Physiological Chemistry

Margaret Gail DeJager, Granville; B.A. (University of Wisconsin); Horticulture and System Engineering

Nancy Ross Facklam, Worthington; B.S.; Pharmacy

Michael John Kaebbling, Columbus; B.S.; Computer and Information Science

Claudia Gall Katz, East Longmeadow, Mass.; B.A. (Boston College); Industrial and Systems Engineering

Jacqueline Zywicks Kessler, Medinah, Ill.; B.S. (University of Wisconsin); Pharmacy

Mary Lisa Koenig, Columbus; B.S. (Han-Yang University); Engineering and Information Science

James Douglas Kiser, Columbus; B.S.; Ceramic Engineering

Mary Lisa Koenig, Columbus; B.S. (Bowling Green State University); Geology and Mineralogy

Michael Stephen Kowalcyz, Olney, Pa.; B.S. (Youngstown State University); Electrical Engineering

Robert Anthony Kriwanek, Mayfield Village; B.S.; Metallurgical Engineering

Anthony Onechole Kwenton, Onitsha, Anambra State, Nigeria; H.D.I.M.T. (Institute of Management & Technology, Enugu, Nigeria); Civil Engineering

Claire Anne Latimer, Dublin; B.S. (Tufts University); D.V.M. (Michigan State University); Veterinary Clinical Sciences
Andrew Mvaba, Lusaka, Zambia; B.A. (University of Zambia); Agricultural Economics and Rural Sociology
Jeffrey James Nieter, Lima; B.S.; Mechanical Engineering
Kenneth Wayne Ollish, Cincinnati; B.S.; Allied Medical Professions
Rodney Layne Osborne, Jackson; B.S.; Nuclear Engineering
Maria-Belen Ines Pangilinan, Quezon City, Philippines; B.S. (University of the Philippines); Statistics
Thomas Lloyd Pannabecker, Columbus; B.A. (Bluffton College); Entomology
Sahrg Kyoo Park, Seoul, Korea; B.S. (Seoul National University); Welding Engineering
Daniel Mark Pavuk, Rosford; B.S. (Bowling Green State University); Entomology
James M. Pelagatti, Lynn, Mass.; B.S. (Northwestern University); Computer and Information Science
Kimberly Gayle Perrine, New Carrollton; B.S. (Wright State University); Genetics
Wayne H. Pollock, Columbus; B.S. (State University of New York at Stony Brook); Computer and Information Science
Elizabeth Prater, Houston, Tex.; B.S. (Prairie View A & M University); Home Economics
Debra Joanne Queen, Hamilton; B.M. (Georgetown College); M.A.; Computer and Information Science
Domingo Antonio Rengifo, Santiago, Dominican Republic; Ingeniero (University Catolica Madre y Maestra); Agronomy
Helen Ann Ribbler, Easton, N. Y.; B.S. (Columbia University); Nursing
James Alan Robbins, Columbus; B.S.E.E. (California State Polytechnic University); Electrical Engineering
Marianne Roberts, Akron; B.S. (Iowa State University); Horticulture
Jayne Byrnie Robinson, Columbus; B.S. (Bowling Green State University); Microbiology
Kent Lee Rogers, Grove City; B.S.; Horticulture
Katsuyuki Sato, Tokyo, Japan; B.Eng. (Hiroshima University); M.Eng. (Kyushu University); Electrical Engineering
Thomas Lyman Sefton, Dayton; B.S.; Animal Science
Keith Lee Sellers, Marysville; B.S., M.S., Ph.D. (Ohio Wesleyan University); Physiology
Oliver Simon Shapiro, Columbus; B.A. (Columbia University); Microbiology
James Steele Sheahan, Columbus; B.S.; B.S.; Allied Medical Professions
Hyun Myung Shin, Seoul, Korea; B.Agr. (Seoul National University); Industrial and Systems Engineering
Robert Russell Sicksfoose, Canton; B.S.; Ceramic Engineering
Mary Ann Siders, Euclid; B.A.; Geology and Mineralogy
Arun Bahadur Singh, Naraipur, Bihar, India; B.Sc. (Birla Institute of Technology, Ranchi); Electrical Engineering
Joseph Francis Sjostrom, Columbus; B.S.; Mathematics
Richard Terrence Smigiel, South Euclid; B.S. (National Taiwan State University); Mechanical Engineering
Rickey L. Smith, Worthington; B.S. (Wayne State University); Pharmacy
Victoria Lynn Smith, West Carrollton; B.S. (Ohio Northern University); Plant Pathology
Mark Edward Stanley, Northvale, N. J.; B.A. (Colgate University); Zoology
Jon Henry Sticklen, Ashley; B.S., M.S. (Columbia University); Computer and Information Science
Kenneth Gene Surowitz, Green Bay, Wis.; A.B. (Lafayette College); Microbiology
Samih Tarrabichi, Columbus; M.D., (Damascus University); Ophthalmology
James Alan Teta, Delaware; B.A. (Gettysburg College); D.M.D. (University of Louisville); Dentistry
Vicente J. Torno, Waterbury, Conn.; B.S. (University of Connecticut); Pharmacy
Yu-Li Tsai, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan Normal University); Microbiology
Shu-Ping Tseng, Kaohsiung, Taiwan, R.O.C.; B.S. (Fa Jen Catholic University); Food Science and Nutrition
Sridhar Vasudevan, Madras, India; B.Tech. (Indian Institute of Technology at Madras); Computer and Information Science
Richard Paul Vetalovets, Columbus; B.S. (Delaware Valley College); Horticulture
Oskar von Dungern, Kornmern, West Germany; Electrical Engineering
Alejandro Voyeust, Lima, Peru; B.A. (Ohio Wesleyan University); Computer and Information Science
Shao-Wen Wang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Welding Engineering
Jeffrey David Weidenhamer, Columbus; B.S. (Ashland College); Agronomy
Kathryn Lynn Weisenberger, Columbus; B.S.; Pathology

Sharon Jo Welter, Aurora, Ill.; B.S. (Bradley University); M.C.R.P.; Civil Engineering

Gregory Smith West, Spearsville, La.; B.S. (Louisiana Technical University); Mechanical Engineering

Paul Burnett Westerfield, West Carrollton; B.S. (Michigan Technology University); Computer and Information Science

Max Valme White, Columbus; D.D.S.; Home Economics

Karen Sue Wilson, Columbus; B.S.; Chemical Engineering

Christine Jo Winget, Columbus; Poultry Science

Pongchail Wipasaramenton, Bangkok, Thailand; B.Eng. (Chulalongkorn University); Civil Engineering

Michael John Woloschak, Youngstown, Ohio; B.S. (Mount Union College); O.D.; Physiological Optics

Yu-Chang Wu, Tainan, Taiwan, R.O.C.; B.S., M.S. (Tatung Institute of Technology); Computer and Information Science

Chun Chih Yang, Taipei, Taiwan, R.O.C.; D.D.S. (National Taiwan University); Dentistry

Kyung Soo Yang, Seoul, Korea; B.S. (Seoul National University); Mechanical Engineering

Hsiu-Feng Yen, Miaoli, Taiwan, R.O.C.; B.S. (National Chung Hsing University); Diploma (University of Edinburgh); Animal Science

Ronald James Zaguli, Columbus; B.S.; Aeronautical and Astronautical Engineering

Gary Jay Zaremsky, Beachwood; B.S.; Mechanical Engineering

Nancy Jean Zurcher, Dover; B.S. (Kent State University); Natural Resources

Master of Social Work

Carol Marie Arnao, Painesville; B.A. (Kent State University); Social Work

Lee Ann Arnold, Massillon; B.S. (Bowling Green State University); Social Work

David Clint Becker, Youngstown; B.S. (State University of New York at Oneonta); Social Work

Debra A. Beckstett, Medina; B.S.; Social Work

Ann Elizabeth Black, Findlay; B.S.W. (Bowling Green State University); Social Work

Anna Marie Bolzan, Columbus; B.A. (Edgecliff College); Diploma (St. Paul University); Social Work

D. Jane Boumgardner, Delaware; B.A. (Michigan State University); Social Work

Dennis Alan Brazelton, Chandler, Ind.; B.A. (Purdue University); Social Work

Kimberly Sue Brown, Athens; B.A. (Ohio Wesleyan University); Social Work

Nancy Lee Burley, Columbus; B.S. (Marshall University); Social Work

Patricia Jerome Colby, Cincinnati; B.S. (Cornell University); Social Work

Marianne Elizabeth Crawford, Waverly; B.A.; Social Work

Cathy Ann Davis, Baltimore, Md.; B.A. (University of Vermont); Social Work

Russell Allen Davis, Fasgacoola, Miss.; B.S. (University of Dayton); Social Work

Chester Daniel Dilday, Lancaster; B.A.; Social Work

Sherrel Elizabeth Downes, Albuquerque, New Mexico; B.A. (Oakwood College); Social Work

Steven Anthony Dreevy, Kettering; B.A. (Indiana University); Social Work

Lawrence Saul Epstein, Columbus; B.A.; Social Work

Andrea L. Eshenaur, Kettering; A.R., M.A. (University of Louisville); Social Work

Karen Michelle Fabiano, Columbus; B.S.; Social Work

Annette L. Fields, Rochester, N.Y.; B.A. (University of Rochester); Social Work

Sharon M. Frame, Watertown, Mass.; Honors, Cert. (University of Massachusetts at Amherst); Social Work

Melanie Cochran Fuller, Columbus; B.S.S.W.; Social Work

Denise Marie Geregach, Columbus; B.A.; Social Work

Mary Bernadette Goode, Columbus; B.A. (Ohio University); Social Work

Helen Delores Gross, Baltimore, Md.; B.S.S.W.; Social Work

Pamela Louise Gouldsberry, Avon Lake; B.S.S.W., M.A.; Social Work

Deborah Jeanne Greenham, Columbus; B.A. (Miami University); M.A.; Social Work

Dave Rickard Grove, Columbus; B.A.; Social Work

Janice Lyn Gutow, Glenview, Ill.; B.S. (Northern Illinois University); Social Work

Jana Calleen Hicks, Goshen; B.A. (Wilmington College); Social Work

Lee Ann High, Shelby; B.A.; Social Work

Joyce Ellen Hileck, North Canton; B.S.W. (Bowling Green State University); Social Work

Lou Ann Horstman, Chandler, Okla.; B.A. (Loyola University); Social Work

James Douglas Hudson, Philadelphia, Pa.; B.A. (Wilberforce University); M.A.; Social Work

Marvin Dale Imes, Dayton; B.S.S.W. (University of Dayton); Social Work

Ellen Harkins Jacobs, Massillon; B.A. (Walsh College); Social Work

Kathryn Louise Jeison, Columbus; B.S.S.W.; Social Work

Wellesley Johnson, Columbus; B.A. and B.S.S.W. (Oakwood College); Social Work

Oscar Emilio Jubis, San Salvador, El Salvador; B.A. (University of Miami); Social Work

Toni Miller Kahan, Columbus; B.A. (Capital University); Social Work

Donna Lynn Key, Union City, Ind.; B.S. (Manchester College); Social Work

Tae Sung Kim, Seoul, Korea; B.A., M.A. (Seoul National University); Social Work

Michele Ann King, Pittsburgh, Pa.; B.A. (University of Pittsburgh); Social Work

Lida Linanne Knipp, New Albany; B.A. (Capital University); Social Work

Barbara Geil Koren, Williamsville, N.Y.; B.S.W. (Ohio University); M.A.; Social Work

Renee Elle Leone, Trumbull, Conn.; B.A. (Manhattanville College); Social Work

Sharon Beth Levy, Columbus; B.A. (Ohio University); Social Work

Deborah J. Lisabeth, Cincinnati; B.A. (University of Cincinnati); Social Work

Jeanne M. Ludwig, Columbus; B.A. (Southern Illinois University); Social Work

Patricia Anne Makozy, Youngstown; B.S.S.W.; Social Work

Jacqulyn Marchetto, Columbus; B.S.S.W.; Social Work

Joyce Ann Maurer, Columbus; B.A.; Social Work

John George Maykut, Brookpark; B.A. (Cleveland State University); Social Work

Barbara K. McCrork, Ashland; B.S.; Social Work

Diane Marie Meder, Columbus; B.S. (University of Northern Colorado); Social Work

Leah Maree Meyer, Trotwood; B.S.S.W.; Social Work

Dorothy Jean Mitchell, Columbus; B.S.; Social Work
Lavenia Rogers Moses, Columbus; B.A. (Southwestern University at Memphis); Social Work

Jacqueline Anne Mutchler, Columbus; B.S. (Miami University); Social Work

Mark Edwin Ostler, Coshocton; B.A. (Malone College); Social Work

Alison Lawan Pelham, Arlington, Va.; B.A. (Miami University); Social Work

Joanne Ingle Phillips, Barnesville; B.S.; Social Work

Susan Frances Pochon, Kokomo, Ind.; B.A. (Purdue University); M.A.; Social Work

James Joseph Poremba, Garfield Heights; B.A. (Kent State University); Social Work

Leslie Ann Robinson, Columbus; B.A. (Simmons College); M.E.D. (Smith College); Social Work

Andrew M. Santo, Columbus; A.A., B.A. (Ohio Dominican College); Social Work

Shelley Morgan Saunders, Lexington, Ky.; B.A. (Eastern Kentucky University); Social Work

Robert Craig Schirner, Columbus; B.S.S.W.; Social Work

Deborah J. Schneider, Columbus; B.A.; Social Work

Michael Lee Shasky, Lexington; B.A.; Social Work

Sharon Denise Shriver, Canton; B.A. (Walsh College); Social Work

Sandra Ann Shutt, Columbus; B.S.; Social Work

Laura Forst Silverglade, Bexley; B.A. (University of Illinois); Social Work

Laurel Ann Smith, Millersburg; B.A. (Kent State University); Social Work

Martha Jean Smith, Saratoga Springs, N.Y.; B.S.S.W.; Social Work

Phillip Lloyd Stater, Groveport; B.S. (Rio Grande College); Social Work

Eleanor Jean Stephan, Columbus; B.S. (Capital University); Social Work

Karen Faye Stewart, Belleaire; A.B. (Ohio University); Social Work

Mary Lee Sweet, Columbus; B.S.; Social Work

Emma Rose Tackett, Columbus; B.A.; Social Work

Camille K. Tantor, Westerville; B.S. (Purdue University); Social Work

Marilee K. Taylor, Cincinnati; B.S. (University of Cincinnati); Social Work

Beth Ellen Thomas, Tiffin; B.A. (Muskingum College); Social Work

Walter C. Torain, Columbus; B.A. (William Paterson College); Social Work

Rosemary Louise Treano, Union City; B.A. (Wright State University); Social Work

Susan Diane Tuttle, Columbus; B.S.; Social Work

Nancy Malta Wagner, Columbus; B.S.S.W. (Bowling Green State University); Social Work

Frank Mann Webb, Jr., Dayton; B.A. (Wright State University); Social Work

Marilyn Whaley, Lima; B.A. (Bluffton College); Social Work

Celeste Strickland White, Columbus; B.S. (Indiana University); Social Work

Deborah Lee Wickland, Columbus; B.S.S.W.; Social Work

Marie Heeg Wolf, Columbus; B.A. (Ohio Dominican College); Social Work

Karen Elizabeth Woods, Dayton; B.A. (Otterbein College); Social Work

Wendy Jean-Cooper Work, London; B.A. (Cedarville College); Social Work

Pamela M. Zaryczny, Cleveland; B.A. (Marygrove College); Social Work

Certificate of Specialist in Translation from the Russian Social Sciences

Harvey Paul Hodak, Louisville, Ky.; A.A. (Jefferson Community College); B.A. (Eastern Kentucky University); Slavic and East European Languages and Literatures
Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Patrice R. Dugan
Vice Provost for the Arts and Sciences: Thomas A. Willkie

The Colleges of the Arts and Sciences, a federation of five colleges, include:

- 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. Breckema

Bachelor of Arts

Michael Andrew Boerger, Columbus
Christian Lawrence Bricker, Columbus
Elizabeth Lynn Brozio, Springfield, Ill.
Virginia M. Caballero, Lima
Joseph Anthony Capozzalo, Kettering
John Richard Croyte, Columbus
Ronald Lori Eisenberg, Chicago, Ill.
Margaret Mary Feehan, Amherst
Michael Steven Goetz, Mansfield
Rebecca Jane Knott, Bainbridge
James Patrick O’Brien, Worthington
Kathleen Patricia O’Connor, Gaithersburg, Md.
Rick Alan Orr, Syrnania
Christopher Louis Pecuzzo, Columbus
Dennis Matthew Sabo, Bellevue
John Wesley Shillingburg, Bucyrus
Stephen Andrew Stout, Portsmouth
William Lee Stratton, Dayton
Kenneth Edward White, Sugar Grove

Bachelor of Fine Arts

Kimberly Lynn Adams, New London, Conn.
Donna J. Armeni, Columbus
Patrick William Barnes, Grove City
Werner H. H. Brause, Columbus
Jeffrey Douglas Buschor, Celina
Edith Louise Clark, Saxo, Minn.
Steven Andrew Climer, Chillicothe
Hugh William Collins, Columbus
Pranita Joanne Dannemiller, Akron
Sharon Leigh DeGroot, Marion
John Caldwell Donkin, Cleveland Heights
Julie Joae Egerpuehler, Iowa Falls, Iowa
Julie Ann Franklin, Dayton
Karen Noelle Frimel, Lakewood
Mark Charles Gilchrist, McDonald
Edward Paul Hance, Jr., Cleveland
Genis Martha Henricks, Toledo
Tobias Kerwin Houpe, Columbus
Alice Drozdowski Irwin, Maple Heights
Robin Reed Juliveand, Atlantic, Ga.
Francine K. Johnson, Fredericton
Suzanne Marie Johnson, Urbana
Jean E. Kennedy, Springfield
Denise Ann Laffer, Chicago, Ill.
Stephanie René Lyles, Washington, D. C.
Barbara Ann Malboeuf, Grove City
Andrew Lawrence Moffatt, Columbus
Lynette Elaine Molnar, Bethel Park, Pa.
Gary Steven Nagi, Cincinnati
Laura Ann Pasqualello, Columbus
Kamela Dawn Poling, Circleville
Deanne Mary Rench, Uniontown
Brian S. Rotlson, Worthington
Elizabeth M. Schneel, Walled Lake, Mich.
Scott Douglas Sommers, Dayton
Lance Philip Spieglelberg, Tiffin
Kevin Michael Stewart-Magee, Columbus
Betty Viktoria Strome, Mansfield
Lydia Celeste Thompson, Columbus
Brian Thomas Webb, Elyria
Jeffrey Brian Yagher, Centerville
Deidre Davies Zehnder, Mansfield

Bachelor of Music

Cathy Elaine Boas, Norwalk
Thomas Andrew Jordan, Columbus
Christopher John Martin, Worthington
Vincent Joseph Mendoza, East Norwalk, Conn.
Sonya Martha Nedreberg, East Liverpool
Bradley Lewis Taylor, Columbus
Douglas A. Taylor, Xenia
Susan Jillman Waterbury, Delaware
Diane G. Wedig, Cincinnati

Bachelor of Art Education

Robin Lynn Brillant, Worthington

Bachelor of Art Education

Debra Kay Allen, Newark
Debra Lynn Aronof, Cincinnati
Michelle Ann Driskell, Bellbrook
Mariann Patricia Favret, Worthington
Gayle Ann Gominger, Perrysburg
Lee Alan Hervey, Columbus
Deborah Marie Holdash, Cleveland
Linda Michele Jones, Columbus
Lisa Lynn Marconi, Fremont
Katherine Ann Sundlold, Toledo

Bachelor of Music Education

Marie Lynne Acton, Washington C. H.
Karen Leigh Barnes, Grove City
Valeri Kay Conley, Logan
Lee Perrin Cowherd, Frankfort, Ky.
Leah Anne Crawford, Grafton
Nancy Anne Davis, Avon Lake
Joseph Charles Galvin, South Charleston, W. Va.
Mark Allen Girard, Lockbourne
Julie Ann Gregory, Newark
Julie Alice Haueisen, Delaware
Barbara Jean Hendricks, Huron
Stephen Larry Holm, Clinton
Karrie Lynn Horton, Zanesville
David Ernest Howard, Centerburg
Philip Carl Leibenhauer, Dehler
Timothy D. Longfellow, Clinton
Kenneth Duane Miller, Irwin
James Robert Mitzel, Akron
Sonya Martha Nedreberg, East Liverpool
John Edward Otten, Fremont
Diane Kathryn Reel, Sarasota, Fla.
Eleanor Ruth Riechers, Hamilton
Martha Ann Sabados, Cambridge
Thomas Bernard Schiebel, Columbus
Lauren M. Steinelke, Irvine, Calif.
Joseph William Stoll, Columbus
Christina Marie Sweerlein, Carey
David Norman Thomas, Grove City
Michele Annette Wagner, Gates Mills
Margaret Thiele Weitzel, Westerville
Dustin Edward Werner, Columbus
Janet Dea White, Gahanna

Bachelor of Science in Audio Recording

Georgianne Hitches, Worthington
Keith Siders, Lima

Bachelor of Science in Industrial Design

Pedro Marcos Alfonso, Miami, Fla.
Scott Nielsen Barton, Abington, Mass.
Connie Louise Bateman, Washington, Ind.
Lisa Kay Busky, Columbus
Sharon Leigh Con, Columbus
Donna S. David, Columbus
Christine Marie Davis, Springfield
Kristen Karin Jones Desmond, Cincinnati
David Alan Dubick, Atlanta, Ga.
William Hull Faust, Norvelt, Pa.
John M. Fleck, Worthington
Daniel Joseph Fortunato, Paramus, N. J.
Michael Duane Gaten, Fairborn
Kareen Cox Geraghty, Columbus
Dale Alan Greenland, South Euclid
Joann Carol Handside, Elyria
Pamela S. Hassan, Toledo
Mark Jeffrey Hathaway, Columbus
Timothy Robert Hiltabiddle, Elyria
Barbara Beck Hoorman, McKinney, Tex.
Ellen Lyle Hoover, Columbus
Carol Jeanne Hunt, Brecksville
Valerie Anita Lacey, Columbus
John Michael Lanning, Columbus
Patrick Jon McCarthy, Streetsboro
James Ernest Nash, North Olmsted
Michael Earl Newman, Columbus
Ann Michelle Nolte, Columbus
James Richard Novy, East Greenwich, R. I.
Mark Fowler Parrott, Dayton
Pamela Ellen Polster, Pepper Pike
Paul Andrew Reeder, Columbus
Ellen Therese Richey, Chagrin Falls
Curtis F. Schmidt, Delaware
Kevin Schroer, St. Marys
Robert Warren Shepard, Akron
Sandra Joyce Shriver, Columbus

1 Offered by the College of the Arts
2 Offered jointly by the College of the Arts and the College of Education
College of Biological Sciences
Dean: Patrick R. Dugan
Bachelor of Arts
Mark Farrell Briggs, Columbus
John Thomas Roane, Columbus
Amy Jo Wherley, Dover
David Wesley Williams, Dublin
Hassan Hashemian, Mashad, Iran
Steven Marc Hirsch, Baltimore, Md.
Carolyn Ejiofor, Columbus
Jay L. Garland, Elyria
James Bradley Ford, Findlay
Jennifer Leigh Fallang, Dayton
Janet Louise Easly, Columbus
Joseph Edward Dohar, Youngstown
Jeffrey William Dohar, Columbus
Brian Anthony Higgins, Amherst
David Gene Haddock, Lucasville
Wade Dohse, Galena
Valerie komenoe, Columbus
Stephen W. Fry, Trenton
Gregory Joseph DeLorenzo, Elyria
Barbara Lynn Gerlat, Cleveland
Ellen Deila Eighan, Columbus
Jeffrey Joseph Gaudio, Mingo Junction
Ronald Alan Freireich, Columbus
Melissa Beth Frankel, Pepper Pike
Risa Marie Biechel, Columbus
Brenda Louise Downing, Delaware
Bailey, Elmira
Constance D. Reynolds, Cleveland
Carolyn Boyer, Lancaster
Boyer, Lancaster
Brian Neal Johnson, Columbus
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David Allen Truean, Columbus
Douglas Alan Turner, Columbus
Margaret Lynn Uland, Circleville
Frank John Ule, Jr., Euclid
Daniel Howard Umphress, Ada
Ann Leslie Vandevander, Dayton
Teresa M. Vareck, Westerville
Lisa Diane Vavier, Medina
Judith Ray Vellupek, Rocky River
Ronald J. Velis, Westlake
Sanford L. Vareh, Columbus
Damon Martin Vogin, Bedford Heights
Alan Wayne Vogt, Crestline
Catherine M. von Claubourg, Pickerington
James T. Vrabec, Lakewood
Toni Renee Vransky, Columbus
Terry Lee Wellington, Mansfield
Susan Eva Walter, Mansfield
Stephen Carlson Ware, Fairview Park
Katherine Marie Warfield, Wauseon
Allison Jean Warren, St. Louis, Mo.
Ronald Dwight Warren, Westerville
Jeffrey A. Warsal, Columbus
Beth Ellen Watts, Massillon
Robert Louis Wayne, Columbus
Cynthia Sue Weakley, Newark
Sue Ellen Weier, Parkersburg, W. Va.
Carol Martin Weiland, Sandusky
Lisa Patrizi Weiland, Ft. Myers, Fla.
Douglas Edwin Wickerham, Columbus
Robert Charles Weil, Lima
William Arthur Welt, Short Hills, N. J.
David Thomas Welz, Marietta
Gregory Lee Weier, Cincinnati
Craig Alan Wettern, Marysville
James Campbell Wharton, III, Madison, N. J.
Anthony Leon Wheaton, Holland
Kimberly Sue Wheeler, Lima
Deborah A. Whiston, Columbus
Douglas Edwin Wickerham, Columbus
William Richard Wieden, Sandusky
Jeff John Wilbers, Columbus
Harvey Arthur Wilcox, Columbus
Allison Jean Warren, St. Louis, Mo.
Lori Ann Willett, Mansfield
Kathy Lynn Williams, Columbus
Marylor K. Williams, Bellbrook
Douglas Keith Willis, South Point
Scott Marshall Willis, Barnsville
Donna Jean Willmarth, Broadview Heights
Gregory Patrick Willoughby, Fairlawn
Jacqueline Lee Wills, Columbus
Barbara Ruth Wilsey, Cherry Hill, N. J.
Leslie Renee Wilson, Richfield
Steven Alexander Wilson, Springfield
Parris Windham, Mansfield
Sue Ann Windisch, Oak Harbor
Kathleen Barr Wittmer, Mansfield
Lorie Ann Wood, Shadyside
Michael Ray Woodruff, Urbana
Silas Wendell Woods, Columbus
Patricia Nancy Woodward, Chillicothe
Russell Joseph Wortman, Kenton
Scott David Wyler, South Euclid
Cynthia Suzanne Wynd, Greenfield
Anthony James Xidas, Wilmington
William Fess Yoeerer, Hilliard
Barbara Lynn Young, Columbus
James Lawrence Young, Pittsburgh, Pa.
Mary Lou Young, Columbus
Michael Edwin Yund, Wooster
Bruce Alan Zacagnini, Woodfield
Nancy Kay Zabel, Columbus
Michael Joseph Zeleznik, Chardon
Robert Lee Zeiler, Reynoldsburg
Marke Dominie Zeinik, Lorain
Michael Conrad Zid, Powell
Susan Kay Ziegler, Sylvania
Robert Gregory Ziemach, Amherst
David Mark Zucherek, Columbus

Bachelor of Science in Labor and Human Resources

Steven Jay Baruch, Cleveland
June Marie Bolzenius, Columbus
David Alan Dykes, Columbus
Harvey Arthur Farley, St. Louis, Mo.
Patrick Alan Hukill, Marietta
Marcella Jones, Toledo
Kirk Jay McGuy, Reynoldsburg
Cheryl Janine Meade, DeGraff
Terence Lee Neal, Coshocton
Katelyn Norton, Bay Village
Mari Lynne Oloko, Upper Sandusky
Lynne Marie Parkinson, Euclid
Richard Ross Reynolds, Chagrin Falls
David Scott Sims, Columbus
Gretchen Ann Stroud, Cincinnati
Rebecca Grace Tancredi, Euclid

College of Agriculture and Home Economics

Dean: Max Lennon

Bachelor of Science in Agriculture

Kimberly Ann Adamson, Beaver Creek
Greg Clayton Allen, Ashland
John Rollin Hadley, Newburyport, Mass.
Kathleen Anderson, Lakeview, Ohio
Marcie Anne Marie Anthony, Cookeville, Tenn.
Rochelle Rae Arnold, Marion
Douglas Eugene Bahnson, Oak Harbor
Terry Lynn Allmandinger, Chillicothe
Joseph Waters Amos, Columbus
Evelyn Anna Barks, Columbus
Mary Lynne Barks, North Canton
Katherine Ellen Bock, Columbus
Timothy Robert Boeck, Jamestown
Carrie Anne Beebe, Lima
Elizabeth Bower Bell, Columbus
Dianie Marie Benton, Columbus
Colleen Ann Berk, Brookville
Linda Ann Bernard, Columbus
Elizabeth Marie Blubaugh, North Canton
Kathleen Ellen Bock, Columbus
Timothy Robert Boeck, Jamestown
Sue Jane Bonner, Columbus
Dennis Lyle Bowsher, Briderville
Cassandra Carla Bridges, Copley
Ronald Joseph Brown, Wapakoneta
Keith Alan Bryan, Celina
John Douglas Campbell, Hudson
James Michael Cantrell, Ludlow Falls
Jeffrey Alan Carpenter, Bucyrus
Carolyn Elaine Carter, Columbus
Robyn Janine Carter, Cygnet
Cameron C. Carter, Columbus
Brent Eric Clinehens, Maplewood
Ruth Anna Clinger, Marion
Diana Lynn Colston, Hillsboro
Carlton Gene Cook, Urbana
Jeffrey Charles Cox, Lore City
Caroline Grace Crawford, Ironton
Kathleen Ann Creager, Cincinnati
Connie Lynn Crider, Dayton
Peter Alan Crout, Trenton
Darlene Culp, Massillon
Glenn Gail DaCosta, Tampa, Fla.
Thomas Kevin Day, Reynoldsburg
Carl Earl DeGrunt, Columbus
Timothy Lee Demland, Holgate
James Scott Detling, Union City, Ind.
Stefanie Ann Digonno, Fairfield
David Michael DiVencenzo, Grafton
Cynthia Louise Dodson, Lakewood
Michael Joseph Donnelly, Cincinnati
Daniel David Dull, St. Henry
Robert Bruce Duncan, Jr., Columbus
Caryl Nadine Elliott, Baltimore
James Joseph Emmenecker, Toledo
Susie Anna Evans, Marysville
Alan Lee Evans, Parkersburg, W. Va.
Felice Jo Anne Fike, Cleveland Heights
Carol Anne Fink, Buffalo, N. Y.
Kevin John Forrester, Marysville
David John Frahm, Celina
Andrew Clayton Frederick, Westerville
Thomas Daniel Glaesen, Springfield
James David Glavan, Minerva
Lydia Ann Glick, Beach City
Peter Daniel Goldsmith, Lambertville, N. J.
Richard Delmar Goodwin, Columbus
Steven Jon Gratz, Bluffton
Julie Lynne Grav, Wooster
John Floyd Grimes, Decatur
Penelope Lynn Gritt, Red House, W. Va.
Ronald Paul Grusenmeyer, Dayton
Lisa Lorraine Gunlock, Columbus
The Kathleen Ann Guthiel, Grove City
Mark Alan Haar, Elmore
John Robin Hadley, Newburyport, Mass.
Paul Forrest Haines, Montpelier
Kathy Lee Hamilton, Westlake
Geoffrey Scott Haring, Cincinnati
Timothy Lee Harpster, Harrod
Timothy Edwin Harsh, Badnor
Kathryn Ann Hartig, Euclid
David Samuel Harvey, Cardington
David Marcelin Hastings, LaRue
Bernard John Heinmoe, St. Louis, Mo.
Randall Dean Helit, Mt. Gilead
Thomas Patrick Hennessy, Bellafontaine
Daniel Albert Herms, Columbus
Michael William Herrnstein, Dayton
Tracy Ann Hixes, Kettering
Karen Sue Holt, Wellington
Klayton Ronald Hooper, Dresden
Robin Lynn Hubbuch, Yellow Springs
David Richard Hull, Canfield
Gary Leigh Hutchinson, Xenia
Daina Ieva Ievins, Cleveland
William Richard Ine, Lodi
William Dayton Inker, Winesburg
Dana Hunter James, Cincinnati
Richard George Jandrey, Richfield
Lisac Rae Jarrett, Westerville
Corinne Fay Johnson-Gliebe, Columbus
John Edward Johnson, Orrville
Joanne Siciliano Jones, Burton
Ronald Joseph Brown, Wapakoneta
David Michael Kizer, Columbus
Christopher Michael Joyce, Houston, Tex.
Anne McGuire Tipton, Columbus
Christine M. Schleig, Columbus
Amy Christine Ann Taylor, New Holland
Barbara Ann Taylor, Columbus
Carmela Ann Tancredi, Euclid
Jacqueline Ann Roche, Columbus
Debra L. Jennifer Ann Jayne Robb, Centerville
Rhonda Lynn Schellhaas, Galloway
Linda Elizabeth Frizzel, Westerville
Lisa Haynes Windle, Columbus
Teresa Ann Wycinski, New Lexington

Bachelor of Science in Nutrition
Janet Lynn Bolina, Campbell
Wendelin Ann Burdo, Whitehouse
Sarah L. Peterson, Worthington
Linda Lee Upp, Portsmouth

Bachelor of Science in Restaurant Management
Thomas Alan Buchman, Olmsted Falls
Harold Edward Taubner, Euclid
James Richard Hopton, Worthington
Kelly Ann Hull, Galion
Buddy David Spitzer, Sandusky
Kathleen A. Swanson, North Olmsted

School of Natural Resources

Bachelor of Science in Natural Resources
David Elwyn Atkinson, Carroll
Dean John Alanke, Jefferson
Dean Joseph Arnold, Waterford
Daniel B. Kihn, Swanton
Kathleen Mary Stanbery, Columbus
Kathleen Michelle Rankin, Kenmore, N.Y.
Elizabeth Ann Rees, Columbus
Vanessa Dawn Resler, Columbus
Kimberly Lynn Riehle, Galion
Jayne Anne Robb, Centerville
Victoria Muir Roberts, Parma
Jacqueline Ann Roche, Columbus
Mary Kathleen Sanders, Toronto
Jocelyn D-Arnley Sawyer, Columbus
Debra L. Schar, Sterling
Tammy Hoshor Schiedegger, Baltimore
Rhonda Lynn Schellhaas, Galloway
Christina Marie Schiavoni, Amherst
Ch外界ine M. Schleig, Canton
Kim A. Schlichting, Canalco
Amy Carol Scarch, Canfield
Janice Faye Shanahan, Columbus
Barbara Ann Shaw, Columbus
Lauann Alicia Sneek, Martins Ferry
Lisa Beth Solomon, Pepper Pike
Pamela Marie Stamm, Burkettsville
Jennifer Ann Stoll, South Euclid
Linda Elizabeth Strow, Columbus
Kathy Ann Stotzak, Methuen, Mass.
Carmela Ann Tancredi, Euclid
Christine Ann Taylor, New Holland
Douglas Gale Taylor, Columbus
Lisa Susan Thompson, Columbus
Anne McGuire Tipton, Portsmouth

Marilyn Kaye Treffs, Waldo
Gretchen Ann Tritthauser, Batavia, N.Y.
Rebecca Marie Turner, Columbus
Ann Clark Vendel, Mentor
Carol Jean Von Grunigen, Kettering
Tracy Ellen Walton, New Philadelphia
Ellen Suzanne Warneke, Wooster
Joyce Lynn Wensink, Monroeville
Jolene Marie White, Big Prairie
Lisa Haynes Windle, Columbus

Placid Lee Wycinski, New Lexington

Terri Lynne Fyock, Reynoldsburg
Marsha Jo Gaylor, Hudson
Lynda Marie Girard, Worthington
Tina Marie Gologram, Columbus
Susanne June Haffner, Ft. Washington, Md.
Elizabeth Anne Hannah, Columbus
Christine Denise Harden, Kenton
Sharon Ray Hartley, Sabina
Kathy Sue Hawley, Lucasville
Kathy Ann Heiser, Newark
Elisabeth Ann Heurn, Cincinnati
Rosemary Adelaide Hess, Cincinnati
Pamela Sue High, Lexington
Diane Fern Himelright, Coyahoga Falls
Deborah Ann Hoffherbert, Dayton
Ingrid Annette Holsworth, Mansfield
Melissa Ann Hoover, Millersport
Hayaatunnees Ibrahim, Malaysia
Michele Lynn Janssen, Mentor
Julie Ann Kahle, Clovisdale
Lindsay Sue Keck, Powell
Stacy Ellen Kenter, Beachwood
Cathleen Lillie King, Bucyrus
Terence Edgar Kinner, Columbus
Kimberly Dawn Koehl, Carroll
Mary Ann Koneensly, Satellite Beach, Fla.
Tracy Paige Kraus, Lodi
Lisa Lynn Kuhnhein, Worthington
Julie Marie Lewis, Fostoria
Kimberly Frances Lowe, Cincinnati
Joanne Lund, Middletown
Kathleen Ann Mahoney, Wapakoneta
Angela S. Mattingly, Zanesville
Cecilia J. Mattingly, Zanesville
Deborah Lynn McLaughlin, Highland Heights
Susan Marie McLean, Canton
Amy Lynne Middleton, Xenia
Joanie Louise Milne, Middleburg Heights
Nina Christine Montague, Rosford
Sharon Ann Myers, Columbus
Linda Kay Paol, North Royalton
Cheryl Lynn Parise, Dublin
J. Melissa Pastre, Billonvale
Barbara Bucklin Payne, Columbus
Melanie Marie Perillo, Westlake
Mary DeLorena Petridis, Mentor
Kathleen Mary Stanbery Potts, Columbus
Kathleen Michelle Rankin, Kenmore, N.Y.
Elizabeth Ann Rees, Columbus
Vanessa Dawn Resler, Columbus
Kimberly Lynn Riehle, Galion
Jayne Anne Robb, Centerville
Victoria Muir Roberts, Parma
Jacqueline Ann Roche, Columbus
Mary Kathleen Sanders, Toronto
Jocelyn D-Arnley Sawyer, Columbus
Debra L. Schar, Sterling
Tammy Hoshor Schiedegger, Baltimore
Rhonda Lynn Schellhaas, Galloway
Christina Marie Schiavoni, Amherst
Christine M. Schleig, Canton
Kim A. Schlichting, Canalco
Amy Carol Scarch, Canfield
Janice Faye Shanahan, Columbus
Barbara Ann Shaw, Columbus
Lauann Alicia Sneek, Martins Ferry
Lisa Beth Solomon, Pepper Pike
Pamela Marie Stamm, Burkettsville
Jennifer Ann Stoll, South Euclid
Linda Elizabeth Strow, Columbus
Kathy Ann Stotzak, Methuen, Mass.
Carmela Ann Tancredi, Euclid
Christine Ann Taylor, New Holland
Douglas Gale Taylor, Columbus
Lisa Susan Thompson, Columbus
Anne McGuire Tipton, Portsmouth

Marilyn Kaye Treffs, Waldo
Gretchen Ann Tritthauser, Batavia, N.Y.
Rebecca Marie Turner, Columbus
Ann Clark Vendel, Mentor
Carol Jean Von Grunigen, Kettering
Tracy Ellen Walton, New Philadelphia
Ellen Suzanne Warneke, Wooster
Joyce Lynn Wensink, Monroeville
Jolene Marie White, Big Prairie
Lisa Haynes Windle, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

David Elwyn Atkinson, Carroll
Dean John Alanke, Jefferson
Dean Joseph Arnold, Waterford
Daniel B. Kihn, Swanton
Steven Randall Bank, Gahanna
Linda Carol Battison, Broadview Heights
David William Baxter, Van Wert
Jodi Ann Beckman, Celina
Thomas Edward Berneke, Bay Village
Steven Todd Boettiger, Cincinnati
William Allen Bolzenius, Columbus
Victoria LaRene Bower, Galena
Michael Ferdinandi, Columbus
Howard Sidney Brown, IV, Tampa, Fla.
Elizabeth Ann Brewer, Tipp City
Carol Louise Brouillet, Mt. Vernon
Robert Charles Burns, Martins Ferry
Jeffrey Deyel Burris, Cambridge
Karen Sue Burrows, Dayton
Pamela Jo Burton, Bellefontaine
Bradley Glenn Carter, Ashland
Kevin Christopher Crouse, Tiffin
Glen Alan Cobb, Columbus
John Arthur Cooper, Toronto
Jeffrey Alan Cowgill, Columbus
Gregory Charles Cravatas, Medina
Mark Anthony Crider, Dayton
Linda Marie Dannemiller, Wadsworth
Steven Douglas Deardorff, Kenton

Sherry Jean DeFelice, Cincinnati
Katherine B. Dewey, Columbus
Timothy Carl Dubiansky, Cleveland
Linda Grace Drab, Cleveland
Joy Elizabeth Fenton, Sandusky
Ronald Rae Fowler, Amherst
Steven Edward Galliker, Bryan
Mark Edward Giese, Montgomery
Lauren M. Gifford,Broadview Heights
Timothy Ray Gillman, Harrod
Bradley Stewart Hansen, Peninsula
Donald Robert Harding, Jr., Mansfield
Scott Richard Hass, Columbus
Richard Herman Holmchen, Cincinnati
Peter Morgan Herbert, II, Columbus
Peter Joseph Heiner, Marietta
William Francis Hoffman, Columbus
Timothy Vincent Hooger, Columbus
Daniel Lee Imhoff, Cincinnati
Nancy Anne Johnson, Worthington
Richard Howard Johnston, Hamilton
Kevin Adam Kayle, Kent
Carol Mae Kennedy, Tiffin
Jeffrey Dale Kider, Strongsville
Cheryl Lee Kimerline, Bucyrus
Marianne C. Kreiderle, Youngstown
Raymond Scott Laffher, Wading River, N.Y.
Robert Charles Lathrop, Columbus
Mark Lee Linn, Jr., Bucyrus
Larry Lee Lowery, Columbus
David Charles Maggio, Dayton
Carlis D. Mayers, Columbus
Robert Edward McCall, Jr., Rocky River
Heather Dawn McElfrath, Columbus
Daniel Wade McMullen, Tippecanoe
Thomas Bertram Marley, Columbus
Maureen Cecilia Newkold, Dayton
Victoria Lynne Pfeifer, Columbus
Amy Janine Flymale, Grove City
Catherine Mary Pokrandt, Middleburg Heights
Dean Alan Roesman, Hinkley
Mark Louis Pucci, Massillon
Scott Alan Raymond, South Vienna
William Roger Reine, Jr., Carroll
David Paul Remy, Lexington
Paul Douglas Ries, Columbus
Richard Joseph Rikli, Wickliffe
Leigh Ann Robertson, Columbus
James Michael Roshetko, Cleveland
Lori Barnett Ryan, Columbus
Thomas Vincent Sansalone, Cincinnati
Nicholas James Schibi, Cincinnati
Laura Katherine Schiller, Kinston, N.C.
Philip Lee Schroeder, Leipsic
Kathryn Lynne Shipley, Akron
Joseph Patrick Smith, Maumee
Martin Alan Spich, Mayfield Heights
Jeffery Allen Stanhope, Canfield
Vivian Lee Stockman, Akron
Monica Ellen Taylor, Columbus
Ruth Ann Thrallkill, Toledo
Stephen Clark Thurman, Columbus
Terrence Michael Tom, Columbus
Theodore Harold Verhoff, Ottawa
Anthony Joseph Vidmar, Kirtland
Cindy Lee Weinheimer, Cincinnati

* Awarded posthumously
Agricultural Technical Institute—Wooster

Associate in Applied Science

Pauline Danette Anderson, Frazeysburg
Carol Ann Apicella, Hudson
Sandra Jean Barkman, Lorain
April Lynne Bateson, Columbus
Robert Eugene Battisti, Jr., Novelty
Michelle Ann Boes, Defiance
Jeffrey Joseph Carson, Girard
Debra Bisel, Ashland
Duane Douglas Borgelt, Canton
Richard Monroe Bryson, Wooster
Jeffrey Kent Dawson, Louisville
Jerald Alan Garver, Ney
Linda Carole Grove, Alexandria,Alexandria
Mark John Gray, Mansfield
Matthew Michael Holesh, New Philadelphia
Susan Pauline Specter, Cincinnati
Mary Ann Hadlman, London
Bryan Lee Haw, Lima
Reze Irene Haynam, Minerva
Mary Ann Hillman, London
Matthew George Hofelich, Fremont
Rebecca Brayton Hoffman, Shaker Heights
Jeffery Wayne Holdman, Findlay
Douglas Alan Howe, Newark
Jon Michael Hulsmeier, Anna
Patrick Edward Hupp, Kingsley
Elizabeth Susan Johnson, Goodrich, Mich.
Craig Alan Jones, Goshen
Danial Elias Karam, Cuyahoga Falls
Luanne Kendall, Franklin

Matthew Paul Kromer, Sandusky
Sue Ann Lasniski, Painesville
Melinda Lee Leight, Middletown
Kevin E. Lehman, Chardon
Karen Sueanne Leuen, Apple Creek
Kevin Wyatt Lolly, West Salem
Mary Louise Lindsay, Canton
Mark Alan Logbill, Columbus Grove
Roy William Mangue, Carrollton
Holly L. Messick, Granville
Shawn Andrew Michael, Akron
Elizabeth Ann Mckeller, Milan
Scott Andy McIver, Baker's Summit, Pa.
Jane Ellen Moloney, Sidney
Bradford James Montgomery, Deerfield
Dianne Lynn Moore, Newark
John David Morand, Wimington
Robert David Mushalek, Barberton
Patricia Ann Nemitz, Lakewood
Douglas Alan Nickels, Loudonville
Elliott Alan Noetelt, Wooster
Jody Lynn Offenberg, Grafton
Michelle Lynn Ott, North Canton
Curtis Howard Painter, Hebron
Scott Michael Patrick, Kingston
James R. Patton, Belle Center
John Thomas Patton, New London
Kirk Alan Petroff, Alliance
Patrick George Place, Dayton
Ellen Ruth Powell, Charleston, W. Va.
Dennis Alan Pringle, Big Prairie
Robert E. Prizack, Mansfield
Timothy Lee Ramsler, Marshallville
James Dwight Rice, West Mansfield
Mark Alan Rice, Forest
Douglas Duane Roth, Mt. Pleasant, Iowa
Paula Dale Rowland, Newark
Connie Ruth Russell, New Philadelphia
Lisa Rose Salyer, Grove City
Randy Robert Samko, Parma
Pamela Jean Schmidt, Millersburg
Lynda Jean Schilling, Farmarville
Nicki Ann Schmitt, Sylvania
Bryan James Schmucker, Louisville
David Earl Shock, Prospect
Brian Keith Siller, Ashland
William Todd Smith, Greenwich

Nancy Eileen Arbogast, McBee
Daniel Raymond Armenta, Youngstown
B.S. (Youngstown State University)
Robert Scott Bacon, Lorain
B.A. (Wittenberg University)
Peter Douglas Balega, Cleveland
Robert Bruce Banchefsky, Columbus

Jeffrey Allen Willoughby, B.S.

Jeffrey Sumner Baxter, Van Wert
B.S.

Billiam Scott Begalla, Youngstown
B.S. (John Carroll University)

Jeffery Alexander Belkin, Columbus
B.S.

Charles William Bell, Cincinnati
B.A. (Washington University)

Edward Alexander Belkin, Columbus
B.A.

Alexander Usher Bieman, Los Angeles, Calif.
B.A. (U.C.L.A.)
Fredrick Alan Lurie, University Heights
B.A. (Miami University)

John Dee Lyons, Rocky River
B.A. (Ohio Wesleyan University)

Ihor Mahlay, Parma
B.S.

James Robert Male III, Wintersville
B.S.

John Michael Marque, Lancaster
B.S.

Samuel P. Martin, Galion
B.S.

James Trenton Mathias, Warren
B.S.

David Kendall, Westfield State University
B.A.

David Kendall Sheehan, Westfield State University
B.A.

Anthony Benjamin Sloan, Sylvania
B.S.

Frederick Blackburn Olsen III, Warren
B.A. (Wittenberg University)

Michael James O'Meara, Deerfield, Ill.
B.S. (Marquette University);
John Martin Orel, Galion
B.S.

Charles M. Pap, Lyndhurst
B.S. (John Carroll University)

Robert Allen Paradis, Fort Kent, Maine
B.S.

Robert W. Payne, Cincinnati
B.S.

Rodney Duane Phoenix, Barberton
B.A.

Urban Michael Pignat, Connaut
B.S. (John Carroll University)

Harold Mark Pinsky, Toledo
B.S.

Edward Joseph Pollander, Vernon
B.S.

Bradford James Porter, Mowreston, N. J.
B.S. (Saint Lawrence University)

Gregory Dean Prater, South Point
B.S. (Marshall University)

David Alan Pressler, Barberton
B.A.

Bradley Stephen Rabal, Bellville
B.S.

David Alton Ray, Columbus
B.S., M.S.

Robert Ryan Reihm, Long Beach, Calif.
B.S. (University of California at Irvine)

Christopher Alan Roberts, Lima
B.S.

Judy Ann Robinson, Centerville
R.D.H., B.A.

Paul Thomas Rodeheero, Kettering
B.S. (University of Cincinnati);
M.S. (Wright State University)

David Anthony Rosilano, Lorain
B.S. (Denison University)

Barry Steven Ross, Cincinnati
B.S. (University of Cincinnati);
M.S. (Eastern Kentucky University)

Steven G. Rothan, Cincinnati
B.S. (Xavier University)

Michael Thomas Ruettly, Westerville
B.S. (Ashland College)

David Alan Russell, Steubenville
B.S.

Christopher John Ruszkowski, Independence
B.A. (Cleveland State University)

Duane Robert Schafer, Solon
B.A. (Miami University)

Lawrence Paul Schmakel, Toledo
B.A. (University of Toledo)

Dale Stanley Sharples II, Conshocon
B.S. (United States Military Academy, West Point);
M.S. (Brigham Young University)

Anthony Benjamin Sims, Brooklyn, N. Y.
B.A. (Union College)

Mark Sisko, Akron
B.S. (University of Akron)

David Charles Sisson, Fairfield
B.S.

Jeffrey A. Sloan, Sylvania
B.A. (Miami University)

David Kendall Smith, Gallipolis
B.A. (Miami University)

Mark Brady Soller, Youngstown
B.S. (Adrian College)

B.S. (Western Michigan University)

James Allen Springer, Archbold
A.S. (Northwest Technical College);
B.A. (University of Toledo)

Erik Egil Spriggs, Hiram
B.A. (Hiram College)

David Barton Steck, Columbus
B.S.

Jeffery Bruce Stoller, Willard
B.S. (University of Akron)

Jan G. Stollings, Xenia
B.S. (Ohio Northern University)

John Michael Storey, Youngstown
B.S. (Youngstown State University)

David George Szans, Waterville
B.S.

Daniel Lee Taylor, Columbus
B.A. (Cedarville College)

David Scott Teuzel, Erie, Pa.
B.A. (Thiel College)

Mark S. Traugh, Columbus
B.S.

Thomas F. Trinkner, Mt. Vernon
B.S. (University of South Carolina)

Peter John Taiviste, Solon
B.A. (University of Toledo)

Jerome Marc Urell, Columbus
B.A.

Daniel Albert von Deutsch, Cleveland
B.S. (Cleveland State University)

Dale Alan Wahl, Cincinnati
B.S. (University of Cincinnati)

Frank Bruno Wanat, Youngstown
B.A., M.A. (Youngstown State University)

Douglas Guy Wenzen, Puyallup, Wash.
B.S. (University of Washington)

Joel Morris White, Norwood, Mass.
B.S. (Purdue University)

Susan Kay Wilson, Columbus
B.A.

Keith Allen Wing, Columbus
B.S. (University of North Carolina at Chapel Hill)

Charles Edward Witkowski, Sr., Mt. Carmel, Ill.
B.S. (University of Illinois);
M.S. (Murray State University)

Andrea Woodcock, Girard
B.S. (Youngstown State University)

Paul G. Wyse, Wauseon
B.S.

Richard Alan Yaus, Cincinnati
A.B. (Miami University)

Tony L. Young, East Chicago, Ind.
A.D., B.S. (Indiana University)

Susan Ann Yong, Shaker Heights
R.D.H., B.S.

Timothy J. Zimmerman, Middletown
B.S.
Kathy Ann Lucas, Columbus
Sherry Anne Elizabeth Loftus, Columbus
Catherine Lee Lhamon, Lima
Cynthia Michelle Marie Matulich, Columbus
Peggy Lynn McElhatten, Galion
Marilyn Robin Marks Meyer, Columbus
Deanne Louise Miller, Lima
Janelle Boggs Miller, Delphos
Peggy Mae Miranda, Columbus
Kathy Lynn Mitchell, Rushylvania
Vina Bermudes Mogg, Tacoma, Wash.
Jalo Ibrahim Mohammed, Bauchi, State, Nigeria

Rita Marie Montalto, Newark
Terri Lynn Mordas, Hudson
F. Michelle Morgan, Newark
Lora Jane Morrison, Pataskala
Catherine Mulholand, Monroe, Conn.
Kathleen Gaylor Musheno, Columbus
Daniel Arthur Myers, Franklin, Mass.
Deanna Kay Ness, Columbus
Thomas Charles Neste, Sandusky
Michele Ann Neja, Galion
Connie Sue Neubert, Mansfield
Jeri Ann Nichols, Carrollton
Susana Arleen Nolan, Coshocton
Themi Nolden, New London
Erin Jane Noykos, New Hampshire
Patricia Kay Noykos, New Hampshire
Caroline Catherine, Galion
Ilanit Ohel, South Euclid
Elise Marie Oldenburg, Mentor
Mary Jane Olinski, Neillsville
Gary Adam Orsone, Amherst
Teresa Ann Oure, New Philadelphia
Lisa Diane Faetch, Mansfield
Barbara Lynn Page, Toledo
Diane Marie Palmoiro, Columbus
Cynthia D. Parrill, Newark
Dora Camille Passante, Columbus
Jay Martin Patterson, Cambridge
Gregory Linden Paul, Columbus
Natalie Jean Pearson, Reynoldsburg
Christine Marie Peltier, Piqua
Lynne Marie Petromas, West Jefferson
Rita Kay Pennington, Wilmington
Belinda Dawn Peoples, Columbus
B.A. (Mt. Union College)
Joseph William Picking, Ashland
David John Pintz, Newark
Derick William Polk, Cleveland
Kimberly Ann Promian, Lyndhurst
Judith Ann Primmer, Lancaster
Debra Ann Proper, Galloway
Margaret Debra Pruntes, Columbus
Kimberly Ann Pryor, Tiffin
Mary Elizabeth Purves, Cincinnati
Doris E. Purvis, Marion
Diana Renee Quay, Belle Center
Nancy J. Rader, Columbus
Rhonda Louise Ratliff, Pataskala
Terre Ann Ray, St. Clairsville
Linda S. Reeder, Ottawa
Joni Ann Reser, Bucyrus
Robert Harvey Rice, Mansfield
Patricia Jesica Rickelman, Novelty
Julie Ann Rieser, Columbus
Elizabeth Anne Riley, Dayton
Donna Louise Rixus, Columbus
Roddy Clay Roark, Zanesville
Nanette Robertson, Kingsville
Denise Catherine Roeseck, Westerville

John Francis Roessch, Columbus
Kimberly Lynne Rogge, Bucyrus
Rebecca Lynn Romell, Reynoldsburg
April Denise Roney, Cincinnati
Roxanne Sue Rosler, Toledo
Wesley Alan Russell, Columbus
Jeri Ann Rustick, Centerville
Rebecca Lola Rychnicer, Bryan
Shirley Lee Santo, Granville
Eileen Christine Safran, Mansfield
Sharon Lynn Satterfield, North Canton
Ann Catherine Savage, Blanchester
Elizabeth Joan Scali, Pepper Pike
Kathy Ann Scherrnittauer, Newark
Daniel Preston Schrier, Bow
Cherie Lyon Schults, Ashland
Linda Lee Schweizer, Oregon
James Estle Seaman, Granville
Randy Lee Seever, Alliance
Linda Eileen Shackel, North Canton
Terry Shafer, Columbus
Whitney Ann Shafer, Westerville
Paul Timothy Shank, Van Wert
Mary Carol Shipman, Troy
Cynthia Lynn Shuff, Columbus
Debra Ellen Silde, Orrville
Sharon Anne Siebert, Cincinnati
Mary Margaret Sigist, Grove City
Rita Lorain Sigrist, Mansfield
Michael Edward Singerman, South Euclid
Mindy Lynn Skinner, Lancaster
Melodie Lane Smith, Lancaster
Diane Marie Smagals, Middleburg Heights
Mary Jane Snarto, Galion
Kathleen Debra Lakeview
Pamela Dawn Smith, Worthington
Paul Jerome Smith, Elyria
Penny Lynn Smith, Massillon
Rhonda Karen Smith, Warren
Robi Kay Smith, Mechanicsburg
Phyllis South, Columbus
Melinda Gay Spencer, Gahanna
Phyllis Ann Steele, Columbus Grove
Beth Ann Stelter, Celina
Jo Ellen Stevens, Bellville
Robert Earl Stewart, St. Clairsville
Lois Jane Strothman, Springfield
Susan Elaine Stump, Tiro
Phillip James Sullivan, Westlake
Susan Lynn Suska, Toledo
Sharon Jolene Swiger, Coshocton
Walter Leigh Sword, Columbus
Rebecca Kinigay Taylor, Plymouth
Doreen Sue Thiel, Dayton
Myra Sue Thompson, Cincinnati
Tiera Ellen Thomas, Columbus
Richard Kenneth Thomas, Worthington
Jean Thomas, Painesville
Barbara Anne Tinker, Lewisville
Jeanne M. Tobin, Chesterton
Brian Lee Toops, Columbus
Jared Michael Toth, Grove City
Michael Richard Totoch, Coshocton
Pamela Jane Towne, Hamilton
Mary Jane Zimmer, Marion
Melanie Kay Trout, Duncan Falls
Rebecca Lu Turtritt, Worthington
Janet Marie Vagedes, West Milton
Teresa Ann VanFossen, Hilliard
Christine Ann VanMeter, Caledonia
Carol Marie Vorest, Elyria
Lucinda Ann Vose, Gallow
Jerome Kevin Wagner, Newark
Carol Annette Waldman, Findlay
Kathleen Ann Ward, Bucyrus
Lisa Ann Warner, Johnstown
Argene Washington, Mansfield
Tracey Sal Watson, Marion
Deborah Sue Weaver, Columbus
Rick Lewis Weininger, Columbus
College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Robert Gregory Barlow, Beaver Creek
John Leo Bartley, Chagrin Falls
Allan Glen Hanson, Columbus
David Michael Baum, Zanesville
Thomas John Bouthiller, Franklin, Mass.
William Francis Buckey, Jr., Ashland
Bruce Ray Cogan, New Berlin
Joseph Criscione, Parma
Laurence Edward Culligan, Kettering
Jack Jay Fox, Elyria
Kevin Darryl Gray, Rossford
Jay Dean Gwinn, Columbus
Patrick Martin Leard, Columbus
Paul Robert MacKinnon, Gahanna
James Joseph Martz, Columbus

Bachelor of Science in Chemical Engineering

Robert Mark Anderson, Kent
Joanne Karen Appley, Port-of-Spain, Trinidad
Barbara Marie Bachus, North Olmsted
Michael Brian Begland, Wilmington, Del.
Joseph P. Bischel, Kinston, N.C.
James Victor Bland, Hamilton
Charles Dana Bond, Akron
Thomas David Burns, Columbus
Stephen Richard Cammack, Worthington, D. Scott Carter, Cincinnati
Diana Marie Chen, Athens
Jeffrey D. Davis, Huron
Craig Byron Deister, Bothell, Wash.
Deanna B. Whitaker, Worthington
James Claude Ferguson, Jr., Cincinnati
Tracy Lynn Flora, Brockville
Roger L. Frye, Van Wert
Robert Francis Gaas, Jr., Westerville
Albert Michael Gesenhausen, Louisville
David Bryan Hanffinger, Fairview Park
Kay James Herouvis, Rocky River
David Ralph Hopper, Columbus
Ronald Alan Howdyshell, Amherst
Jack Roger Hughes, Jr., Portsmouth
Laurence Allan Ice, Brunswick
Susan Elizabeth Jenior, Acton, Mass.
Cheryl Lynn Kennedy, Westerville
James Konuch, Lakewood
James Arthur Leonard, Trotwood
Elliott Louis Levine, Blacklick
Robert Phillip Lewis, Beavercreek
Thomas Michael McGlone, Wickliffe
Michael Ray Mellick, Roseville
Anne Elizabeth Meyers, Sandusky
Julie Ann Minderman, Port Clinton
Martindale Nelson, Lucasville
Robert Lawrence Newman, Sandusky
Keith Robert Nowak, Genoa
Jeffrey William Patterson, Akron
John F. Paulus, Columbus
Lee Ann Phil, Columbus
Lee Ann Raymond, Kirtland
Robert Atton Richard, Westlake
Christopher R. Richfield, Troy
Timothy R. Robison, Columbus
Corina Belle Rogers, Maineville
Alan H. Smith, Sandusky
Gordon David Smith, Madison
Stephen Louis Spanos, Toledo
Ralph Wayne Tyers, St. Anthony, Idaho
Christina Marie Warner, Newark
Jeffrey Allen Watson, Newark
Ben Weinstein, Richmond
David Lee White, Barberton
Leonor Catherine Wexley, Shelby
Robert Erik Young, Mansfield
Robert Edward Zimmerman, Akron

Civil Engineer

Farid Farzaneh, Tehran, Iran
David Hassan Nourachi, Haarrah, Iraq
Bachelor of Science in Civil Engineering

James Ritter Davis, Woodsfield
Jeffrey Scott Dailey, Bay Village
David Duane Denniston, Greenville
June Elise Routh Hankins, Austin, Tex.
Edwin Evan Boggs, Jr., Lexington
Mark David Gnatowski, Brooklyn Heights
Kevin Dale Barber, Columbus
Nina Ellen Blanco, Lake Hopatcong, N. J.
Clifford Ursich, Richmond Heights
Theodore J. Williamson, Warren
Amin Hassan Nasser, Beirut, Lebanon
Kamran Esmailzadeh, Los Angeles, Calif.
Dennis Wade Watson, Damascus, Syria
Robert Anderson James, Fairborn
John Wesley Roth, Columbus
David William Wetzel, Columbus
Robert Francis Gaus, Jr., Wheelersburg
Mark A. LaRue, Steubenville
Ronald Edward Elster, Columbus
John Anthony Hathaway, Akron
Ronald W. D’Antonio, Syracuse, N. Y.
John E. Weller, Cincinnati
William John Arline, Marysville
Warren Kent Fox, Worthington
Robert Francis Gaus, Jr., Wheelersburg
James Reid Hahn III, Westerville
Karen Margaret Hardshield, Memphis, Tenn.
John Joseph Hathaway, Akron
William Frank Hippemeyer, Kettering
David Warren Holland, Columbus
Mark Aaron Jackson, Coldwater
James Alton Mortara, Columbus
Barry James Master, Parma
Richard Allen Mix, Mansfield
James Francis Mulato, Marietta
James Logan Murray, Jr., Pikeston
Jennifer Susan Pak, Columbus
Zoilo Francisco Pedrozo, Dalton
Mark Alan Ritchie, Grove City
Ronald James Salpietra, Youngstown
Darren Lee Seely, Gallion
Krishna J. Srivastava, Columbus
Peter K. Theophanous, Campbell
John Allen Tolbert, St. Clairsville
Joseph Norman Vallo, Dayton
Neil Scott Webster, Columbus
David Allen Wetzel, Columbus
James Joseph Whitney, Lima
John Anthony Zawada, Springfield

Bachelor of Science in Electrical Engineering

Seyed Ashraf Ahmad, Karachi, Pakistan
Gary Michael Anderson, Columbus
Suzanne Patricia Apel, Huber Heights
Thomas James Barnum, Columbus
Montgomery Lee Bauman, Health
Michael Allan Bergeron, Aurora, Colo.
John Kyle Bigler, Bellville
James Alan Bingham, Columbus
Paul Michael Biszarr, Cincinnati
Bruce Eric Blaho, Columbus
Tanya Repp Bixi, Mt. Vernon
Jeffrey Charles Brown, Hyde Park, N. Y.
William Paul Buck, Lima
Mark Lloyd Butler, Ft. Lauderdale, Fla.
Andrew Nicholas Capella, Pickerington
John Walter Carpenter, North Royalton
Timothy James Carrigg, Steubenville
Craig Frederick Carson, Gratio!
Ronald William Chaffee, Puebla, Mexico
Richard Chang, Torrance, Calif.
Mark David Clark, Kingshill, U.S.V.I.
Alan Paul Curtis, Columbus
John Gabor Caik, Solon
Ronald W. D’ Antonio, Syracuse, N. Y.
Paul David Dayton, Delaware
Lee Alan Derr, Logan
Amy Sue Diller, Findlay
Dreux Vincent Deray, Ray Village
Michael Eugene Dryle, North Canton
Linda Marie Eberle, Columbus
Ronald Edward Elister, Columbus
Eric David Evans, Stow
Bohnarm Farhat, Tehran, Iran
Michael Arthur Farmer, Utica
Marlon Jacob Feiman, Dayton
Chester Pong, Toledo
Patrick Edward Gilles, Elyria
Mark Alan Graham, Geneva
Thomas Grimes, Sandusky
Kevin David Hall, Elyria
Tracy Lee Hall, Lima
Timothy Alan Hanes, Wallhonding
John Michael Henderson, Columbus
Lyne Ellen Holmes, Brecksville
John Charles Hood, Shaker Heights
Patrick Hourigan, Warren
Harril Hori, Columbus, Mass.
Chin-nang Hui, Hong Kong
Ronald Brian Jenkins, Findlay
Douglas W. Johnson, Newark
Ralph G. Jordan III, Lansdowne, N. J.
Nader Kamrani, Tehran, Iran
Lewis Milo Kennedy, Amanda
James Robert Kent, Zanesville
Craig B. Key, Mansfield
James A. Klug, Cincinnati
David Charles Knecht, Suffner, Fla.
Loris Lynne Kohnhorst, Pickerington
Brian John Kost, Strongsville
Henry Andrew Lafayette, Jr., Canal Winchester
Syed Adil Raza, Karachi, Pakistan
Juvena Wai-Kwan Lou, Hong Kong
Mark Steven Malainy, Shelby
Joquin Manuel Marques, Caracas, Venezuela
Bradford Roy Meshope, Cincinnati
Andrew Frederick Moulton, Columbus
Norman Edward Novodvorsky, Columbus
Mark David Nye, Hilliard
Allison Lee Oldfield, Akron
James L. Oliver, Cincinnati
Joseph Herman Paquin, Jr., Madison
Mark Ansel Parrish, Dayton
Mark Robert Pahre, Orange
David Curtis Poll, Whitesboro, N. Y.
Hoanh Huy Pham, Columbus
Timothy Gerald Phkas, Dayton
Norah Jeanette Powell, Thornville
Edward John Putt, Allegany, N. Y.
Gregory Scott Ray, Sagrareck
Thomas Joseph Rhine, Lima
David Randolph Russell, Portsmouth
Matthew Frank Schneider, West Chester
Douglas Dean Schweitzer, Vienna, Va.
Yannita Kaye Segovia, Elida
Randall Lynn Shaulis, Mansfield
Mohamed Ali Shawkat, Columbus
George Nicholas Simopoulos, Dayton
Allton Gregory Smith, Newark
Steven Keith Sonnenberg, Columbus
George Gregory Scott Still, Akron
David Alan Straka, Hudson
Glenn Thomas Studovac, Brevard
Amos Tablilian, Tehran, Iran
Bradley Keith Taylor, Akron
Brian Dean Theaker, Mansfield
Patrick Allen Toole, Springfield
Joseph Brian Vanden Wymelenberg, Warren
Antonio Rosero Diego Vassalle, Tiffin
Sharon Lynn Weintraub, Lima
John E. Weller, Cincinnati

Bachelor of Science in Computer and Information Science

Kriston James Athey, Beaver Creek
Scott Allen Bartine, Dayton
Keith Albert Blass, Parma
Gregory Allan Collins, Heath
Alan Paul Curtis, Columbus
Lori Beth Dieffenthaler, Toledo
Kamran Esmailzadeh, Los Angeles, Calif.
William Lawrence Eline, Marysville
Warren Kent Fox, Worthington
Robert Francis Gaus, Jr., Wheelersburg
James Reid Hahn III, Westerville
Karen Margaret Hardshield, Memphis, Tenn.
John Joseph Hathaway, Akron
William Frank Hippemeyer, Kettering
David Warren Holland, Columbus
Mark Aaron Jackson, Coldwater
Pamela Moodespaugh Jones, Sunbury
Kent Alan King, Radnor
Eugene Thomas Levine, Sandusky
James Arthur McKenna, Jr., Columbus
Barry James Master, Parma
Richard Allen Mix, Mansfield
James Francis Mulato, Marietta
James Logan Murray, Jr., Pikeston
Jennifer Susan Pak, Columbus
Zoilo Francisco Pedrozo, Dalton
Mark Alan Ritchie, Grove City
Ronald James Salpietra, Youngstown
Darren Lee Seely, Gallion
Krishna J. Srivastava, Columbus
Peter K. Theophanous, Campbell
John Allen Tolbert, St. Clairsville
Joseph Norman Vallo, Dayton
Neil Scott Webster, Columbus
David Allen Wetzel, Columbus
James Joseph Whitney, Lima
John Anthony Zawada, Springfield

Bachelor of Science in Electrical Engineering

Seyed Ashraf Ahmad, Karachi, Pakistan
Gary Michael Anderson, Columbus
Suzanne Patricia Apel, Huber Heights
Thomas James Barnum, Columbus
Montgomery Lee Bauman, Health
Michael Allan Bergeron, Aurora, Colo.
John Kyle Bigler, Bellville
James Alan Bingham, Columbus
Paul Michael Biszarr, Cincinnati
Bruce Eric Blaho, Columbus
Tanya Repp Bixi, Mt. Vernon
Jeffrey Charles Brown, Hyde Park, N. Y.
William Paul Buck, Lima
Mark Lloyd Butler, Ft. Lauderdale, Fla.
Andrew Nicholas Capella, Pickerington
John Walter Carpenter, North Royalton
Timothy James Carrigg, Steubenville
Craig Frederick Carson, Gratio!
Ronald William Chaffee, Puebla, Mexico
Richard Chang, Torrance, Calif.
Mark David Clark, Kingshill, U.S.V.I.
Alan Paul Curtis, Columbus
John Gabor Caik, Solon
Ronald W. D’ Antonio, Syracuse, N. Y.
Paul David Dayton, Delaware
Lee Alan Derr, Logan
Amy Sue Diller, Findlay
Dreux Vincent Deray, Ray Village
Michael Eugene Dryle, North Canton
Linda Marie Eberle, Columbus
Ronald Edward Elister, Columbus
Eric David Evans, Stow
Bohnarm Farhat, Tehran, Iran
Michael Arthur Farmer, Utica
Marlon Jacob Feiman, Dayton
Chester Pong, Toledo
Patrick Edward Gilles, Elyria
Mark Alan Graham, Geneva
Thomas Grimes, Sandusky
Kevin David Hall, Elyria
Tracy Lee Hall, Lima
Timothy Alan Hanes, Wallhonding
John Michael Henderson, Columbus
Lyne Ellen Holmes, Brecksville
John Charles Hood, Shaker Heights
Patrick Hourigan, Warren
Harril Hori, Columbus, Mass.
Chin-nang Hui, Hong Kong
Ronald Brian Jenkins, Findlay
Douglas W. Johnson, Newark
Ralph G. Jordan III, Lansdowne, N. J.
Nader Kamrani, Tehran, Iran
Lewis Milo Kennedy, Amanda
James Robert Kent, Zanesville
Craig B. Key, Mansfield
James A. Klug, Cincinnati
David Charles Knecht, Suffner, Fla.
Loris Lynne Kohnhorst, Pickerington
Brian John Kost, Strongsville
Henry Andrew Lafayette, Jr., Canal Winchester
Syed Adil Raza, Karachi, Pakistan
Juvena Wai-Kwan Lou, Hong Kong
Mark Steven Malainy, Shelby
Joquin Manuel Marques, Caracas, Venezuela
Bradford Roy Meshope, Cincinnati
Andrew Frederick Moulton, Columbus
Norman Edward Novodvorsky, Columbus
Mark David Nye, Hilliard
Allison Lee Oldfield, Akron
James L. Oliver, Cincinnati
Joseph Herman Paquin, Jr., Madison
Mark Ansel Parrish, Dayton
Mark Robert Pahre, Orange
David Curtis Poll, Whitesboro, N. Y.
Hoanh Huy Pham, Columbus
Timothy Gerald Phkas, Dayton
Norah Jeanette Powell, Thornville
Edward John Putt, Allegany, N. Y.
Gregory Scott Ray, Sagrareck
Thomas Joseph Rhine, Lima
David Randolph Russell, Portsmouth
Matthew Frank Schneider, West Chester
Douglas Dean Schweitzer, Vienna, Va.
Yannita Kaye Segovia, Elida
Randall Lynn Shaulis, Mansfield
Mohamed Ali Shawkat, Columbus
George Nicholas Simopoulos, Dayton
Allton Gregory Smith, Newark
Steven Keith Sonnenberg, Columbus
George Gregory Scott Still, Akron
David Alan Straka, Hudson
Glenn Thomas Studovac, Brevard
Amos Tablilian, Tehran, Iran
Bradley Keith Taylor, Akron
Brian Dean Theaker, Mansfield
Patrick Allen Toole, Springfield
Joseph Brian Vanden Wymelenberg, Warren
Antonio Rosero Diego Vassalle, Tiffin
Sharon Lynn Weintraub, Lima
John E. Weller, Cincinnati
Patricia Joan Welsh, Cincinnati
Robert Todd Whitaacre, North Canton
John Max Woodard, Newark
Christopher Allerton Franklin Wright, Sandwich, Mass.
Kevin John Young, Elyria
David Wayne Zimmerian, Lakewood

Bachelor of Science in Engineering Physics
Joseph Earl Fendriest, Dover
Edward Allen Nemeth, Maple Heights

Industrial Engineer
Richard L. James, Columbus
Carolyn S. Murray, Pittsburgh, Pa.
Lisa Marie Halpe, Pittsburgh, Pa.

Bachelor of Science in Industrial and Systems Engineering
Michael Eric Bettinger, Dayton
William Todd Bigley, Boardman
Derrick Alan Black, Centerville
Lynda Ann Booth, North Ridgeville
Sandra Lee Brumbach, Lorain
Robert William Cosen, Marion
Susan Marie Corbin, Columbus
Thomas Michael DeVault, Granville
James M. Dickey IV, Westlake
Robin Carol Faraday, Hudson
Debra Sue Finstad, Geneva
Susan Elizabeth Gerhard, Beavercrest
Lynnette Gay Graham, Marysville
James Paul Gehmiller, Columbus
Brian Frederick Jacob, Westlake
David Lee Johnson, Johnstown
Sharon Lynn Keesler, Fairview Park
James William Kellogg, West Chester
Alexander Charles Kirkil, Bay Village
John Bernardo Kosasih, San Francisco, Calif.
Robyn Sue LeFevre, Kettering
James Evan McClellan, North Canton
Michael Steven McQuaid, Wilmington, N. C.
Michael Lee Miller, Dayton
Phillip Wayne Moody, Marietta
Joan Anne Mosey, Boardman
Gwendolyn Rose Nagy, Avon
Dean Frederick Poehl, Columbus
Elizabeth Louisa Richardson, Columbus
Michael John Russo, Cincinnati
Karen Lynn Scaggs, Kettering
Christina Louise Schloss, Cincinnati
Philip Edgar Smith, Greenfield
Michael Jerry Standley, Gallion
Michael Glenn Surface, West Chester
Jeffrey Allen Sycka, Goshen
Melhi A. Turkmen, Ankara, Turkey
Scott Douglas Wallace, Springfield

Bachelor of Science in Mechanical Engineering
Carol A. Abbott, Lancaster
Ramiro Antonio Avila, Santiago, Chile

Robert Charles Bare, Canfield
Ronald Martin Beninger, South Euclid
John Clark Bowman, Bethlehem, Pa.
Gregory Scott Boyer, Westfield Center
Kimberly Anne Brown, Logan
Joseph Anthony Cimml, Columbus
Craig Mason Conner, Kettering
Glen Lee Davidson, Brocksville
Steven Samuel Davidson, Dayton
Roger Dean DeBelly, Olivia, Minn.
Thomas George Donkin, Cleveland Heights
Kenneth Brent Dunlap, Springfield
James Dean Ellis, Beverly
Christopher Francis Ewald, Chesterton
David Drew Fike, Youngstown
Eric Brian Fite, New Vienna
James Douglas Gill, Ashland
Michael Frank Glantz, South Euclid
Dan Glickman, Ramat Gan, Israel
Robert Russell Grant, Bay Village
John Frederick Grose, Hamilton
James H. Hague, Senecaville
Joseph Edward Haring, Lucas
Daniel James Heidwig, Marion
Robert Alan Heminger, Van Buren
James Britton Hisagor, Mt. Vernon
Nizar Hosni, Columbus
Edward Kevin Hruevsky, Shadyside
Ali Jallalvand, Tehran, Iran
James E. A. John II, Powell
Kevin Howard Kaat, Fairlfield
Robert Daniel Klingsonmis, Newark
Ronald Wesley Kluever, Shelby, Mass.
Benny Dov Kramgold, Ramat Gan, Israel
Joseph Arthur LaRoe III, Ravenna
David Alan Lowe, Chesterhill
Margaret Mary Mackay, Middleburg Heights
Kenneth James Marcis, Lakewood
David John Markstein, Columbus
Louis Charles Mastro, Marion
Douglas Lynn McAllister, Uhrichville
Dwight Alan Meglan, Galena
Robert John Mills, Cuyahoga Falls
John Michael Mecklin, Columbus
Philip Wayne Monk, Portsmouth
John Thomas Murphy, Williamsville, N. Y.
Andrew Mark Oaker, Lexington
Robert Luther Ordorff, Kent
David Martin Peabody, Orange Village
 Seth Allen Pyers, Killbuck
Timothy Joseph Richardson, Columbus
Bernard Arthur Richer, Dayton
Peter Charles Rogan, Gambier
William David Rudolph, Walbridge
Nadim Nicolas Samaha, Beirut, Lebanon
Steven Gregory Schneider, Strongsville
David Anton Skoog, Hillsboro
John L. Skriletz, Brunswick
Calvin Gene Smith, Sidney
Yance Edward Snyder, Parma
Thomas John Sours, Wadsworth
Joseph Peter Spanovich, Gahanna
David Wayne Soyer, Waterford
Steven Todd Sutter, Columbus
C. Jeffrey Tefend, Granville
Nolan Arthur Thompson, Kirtland
Allan Eric Uttner, Columbus
Troy Daniels, Lancaster
Mark William Vantrease, Akron
Phillip Wayne Vaughn, Columbus
James R. Vernier, Jr., Columbus
Gary Lee Wagner, Zanesfield
Gary Anderson Weller, Columbus
George Jackman Warhorn, Bay Village
Thomas Victor Zimmerman, Fairview Park

Bachelor of Science in Metallurgical Engineering
Peggy Ann Barron, Loveland
William Earle Bosken, Jr., Cincinnati
Lawrence Werner Buergel, Columbus
Christopher Scott Cady, Columbus
Bladimir Alfredo Diaz Martinez, Maracaibo, Venezuela
Earl Roman Karch II, Newark
James David Kramer, Shaker Heights
Randall Allan McFarland, Kettering
Dean Vincent Melcher, Mt. Gilead
George J. Meilink, Columbus
Daniel Albert Roseville, Centerville
Timo Juhani Sautela, Attleboro, Mass.
William Brian Thacker, Carlisle

Bachelor of Science in Mining Engineering
Richard Dwight Goodman, New Philadelphia
Joseph Lewis, Columbus
Michael Ray Perry, Circleville

Bachelor of Science in Surveying
Jon Elliott Van Evra, Lancaster
Mark S. Van Wormer, Simsbury, Conn.

Bachelor of Science in Welding Engineering
Timothy Alan Abbe, Wayne
Maedood Ahmad, Columbus
John Kevin Baysore, Mason
Donald Patrick Burns, Westerville
Stephen Robert Daykin, Willoughby Hills
William Robert Doak, Marietta
Kenneth John Gangl, Cleveland
Mohammed B. Ghasiiasfar, Esfahan, Iran
Christopher A. Hayes, Grove City
Robert Dean Helber, Jr., Columbus
Harold Raymond Hopkins II, Waverly
Tiannan Hthyanda Jindassam, Colombo, Sri Lanka
Carolyn Kurgan, Cleveland
Robert Douglas Lloyd, Columbus
R. Bruce Madigan, Zanesville
Troy Douglas Manley, Powell
Timothy Iam Meto, Syracuse, N. Y.
Jeffrey Craig Miller, Brookville, Pa.
Mark Paulie Mitchell
James Patrick Pickard, Columbus
Harlan Louis Shore, Columbus
Anne J. Sunwoo, Columbus
Attilla Stabos, Columbus
Leona Alan Wester, Waverly
Mark Steven Williamson, Columbus
Paul Timothy Wood, Ironot
School of Architecture

Bachelor of Science in Architecture

Thomas Donald Auer, Boardman
Teresa Ahles, Bucyrus
Ammon, Jordan
Randall Quinn Bennett, Westerville
Richard G. Benjamin, Independence
Nicholas Joel Buccalo, Bellbrook
John Paul Calderon, Toledo
Kathleen Marie Cannata, Wickliffe
Amy Carpenter, Columbus
Richard Winslow Daspit, Jr., Trappe, Md.
Jeffrey Michael Dimarzio, Midland, Pa.
James Thomas Durbin, Columbus
John Anthony Eberts, Columbus
Karen Eisenlohr, Mansfield
Lydia Esther Figueiras, Rio Pardas, P.R.
David Michael Fratianne, Columbus
Daniel James Freytag, Fair Lawn, N.J.
Dennis Lynn Hacker, Elkhart, Ind.
Ward Roderick Lindenmuth, Germantown
Dennis Lynn Hacker, Elkhart, Ind.
David Michael Fratianne, Columbus
Richard Winslow Daspit, Jr., Trappe, Md.
Amy Carpenter, Columbus

College of Law

Dean: James E. Meeks

Juris Doctor

Shelley Marcia Ackerman, Beachwood
John Marshall Adams, Jr., Columbus
Michael Richard Bacha, Youngstown
Jeffrey Vincent Bamber, Cincinnati
Andrew Joseph Barone, Toledo
Phillip Douglas Barr, Zanesville
Michael James Barren, Gambier

Clark Edward Battista, Minerva
Steven Craig Bechtel, Sandusky
B.A. (Ohio University)
Gary Dean Begeman, Parker, S. Dak.
B.F.A. (University of South Dakota)
Brian Keith Berman, Cincinnati
B.A. (University of Cincinnati)
Linda Karen Bernstein, Tarrytown, N.Y.
A.B. (Vassar College)
Anne Clifton Berry, Worthington
B.A. (Kalamazoo College)
Kathleen Margaret Birt, Cleveland
B.A.
Bradley Wayne Bittinger, Millersport
B.A. (University of Maryland)
Alice Kay Blankenship, Columbus
B.A.
Larry Richard Borden, Glouster
B.A. (Ohio University)
Pamela Vest Borden, Painesville
B.S. (Garfield Senior College/Lake Erie College)

Mark J. Brant, Columbus
B.A. (Indiana University of Pennsylvania);
M.A. (Purdue University);
M.L.S. (University of Pittsburgh)
Alan Gordon Brenner, Columbus
B.A. (University of Michigan)
Mark Charles Brookes, East Liverpool
B.A.
Susan Marie Bruder, Parma Heights
B.A. (Miami University)
John Bruno, Lorain
B.S.
Stephen Robert Bruns, New Paris
B.A. (University of Cincinnati)
A.B. (Brandeis University)
John David Burley, Westerville
B.A. (Northwestern University)
Ronald Roy Burns, Orrville
B.S. Business (Miami University)
Richard Thomas Bush, McDonald
B.A. (Oberlin College)
Harry Pantzer Carter, Jefferson
B.A. (University of Chicago)
Elaine Ann Chotos, Granville
B.A. (University of Cincinnati)
Melanie Ann Clemmons, Hamilton
B.A. (Vanderbilt University)
Laura Ann Coen, University Heights
A.B. (Mount Holyoke College)
William Thomas Conard, Westerville
B.A. (Otterbein College)
Douglas Howard Cook, Mansfield
B.A. (Miami University)
Troy Lyn Coon, Columbus
B.A.
Neil Matthew Cornrich, Beachwood
B.S. (University of Michigan)

Ronald C. Coach, Van Wert
B.A. (Wright State University)

Leslie Albert Crichlow, Huntsville, Ala.
B.A. (Oakwood College)

Catherine Ann Cunningham, New Concord
B.A. (Allegheny College)

Michael Wall Currie, Circleville
B.S.Bus.Adm.

Letitia Kinsaid Davis, Columbus
B.A.

Deanna Jeanne Dawe, Wooster
B.A.

James Calhoun DeLong, Massillon

James Walter Ditz, Cincinnati
B.A. (Miami University)

David Neil Dizer, Cincinnati
B.S.Bus.Adm.

Teressa Laverne Dorow, North Ridgeville
B.A. (University of Dayton)

John Curtis Dowling, Worthington
B.A.

Mary Kathleen Dudley, Hamilton
A.B. (Ohio University)

James Edward Eby, Toledo
B.F.A., B.A. (Kent State University)

Cheryl Ann Eifert, Akron
B.A. (Miami University)

Thomas Paul Erven, Hamilton
B.A. (Miami University)

Susan Debra Fendell, Oradell, N. J.
B.A. (Kirkland College); B.A. (American University)

John Mark Fimmeden, Marion
A.B. (Ohio University)

Cancio Joseph Fogarty, Wauseon
B.S.Bus.Adm.

Stephen Silas Francis, Columbus
B.A. (Morehouse College)

Janice R. Franke, Chevy Chase, Md.
A.B. (Smith College)

James Joseph Freedman, Pt. Myers, Fla.
B.A. (Kenyon College)

Linda HC Fung, Columbus
B.A. (University of Guam)

Terence Lee Gallagher, Worthington
B.A. (Oberlin College)

Joseph Amelia Giampapa, Columbus
B.S.

John Robert Gierl, Columbus
B.A. (Miami University)

Thomas Joseph Goedde, Troy
B.A. (University of Notre Dame)

Richard Goldberg, Englewood, N. J.
B.A. (Rutgers College)

Dana Goldstein, Columbus
Bachelor of Philosophy (Miami University)

Harry Greenlee, Clemson, S. C.
B.A. (Hampton Institute)

Ishraq Ara Hafiz, North Jackson
B.S. (Jackson State University)

Mark John Hale, Akron
B.A. (Kent State University)

Sonja Maria Haller, Powell
B.A.

Willard Stephen Haynes, Cincinnati
B.S. (Miami University)

Catherine Susan Heid, Columbus
B.A.

Paul K. Hemmer, Columbus
B.A. (University of Notre Dame)

Nicholas James Hennessy, Goshen, Ind.
B.S. (Muskingum College)

John Mark Herrman, Chillicothe
B.S.Bus.Adm.

Randall Arthur Hillson, Berkeley, Calif.
B.S. (University of Oklahoma); Ph.D. (University of California at Berkeley)

Michael Christopher Hoague, Kent
B.A. (Kent State University)

John Edgar Hoffman, Martins Ferry
B.A. (Wheeling College)

Sandra Ann Homyen, State College, Pa.
A.B. (Douglass College)

Jeffrey Donald Horst, Avon Lake
Bachelors of Philosophy (Miami University)

Jeffrey Coome House, Cincinnati
B.S. (Cornell University)

Judith Joy Hritz, Cleveland
A.B. (John Carroll University)

Jeffrey Thomas Huff, Columbus
B.A.

Jeffrey Lee Huntley, Columbus
B.A.

Catherine Elaine Huston, Bellevue
B.A. (University of Maryland)

Stanley David Iddings, Troy
B.A. (Ohio Wesleyan University)

Mary Katherine Jennon, Avon Lake
B.A. (Cleveland State University)

Craig Eugene Johnston, Plain City
B.A. (University of Maryland)

John Thomas Keating, Wooster
B.A. (College of Wooster)

Timothy Michael Kelley, Columbus
B.A. (University of Notre Dame)

Chad Kelligher, Warren
B.A. (Kent State University)

Deborah Louise Kenney, Westerville
B.A.

B.A. (Michigan State University)

Duncan Campbell Kinder, St. Clairsville
A.B. (Princeton University)

Eugene Roberts King, Cleveland Heights
B.G.S. (Ohio University)

Anthony John Knettel, Lynbrook, N. Y.
B.A. (Case Western Reserve University)

Diane Alayne Kouta, Golden Valley, Minn.
B.S. (Manhattan College)

Richard Paul Kovan, Bethlehem, Pa.
B.A. (University of Virginia)

Gregory Jay Kowalski, Cleveland
B.B.A. (Cleveland State University)

Stephen Alan Kozich, Euclid
B.E.E. (Cleveland State University)

Phil Krajob, Savannah, Ga.
B.A. (Bowling Green State University)

Kenneth Lee Lane, Pueblo, Colo.
B.A. (University of Denver)

John David Lazertich, San Diego, Calif.
B.A. (Virginia Polytechnic Institute & State University)

David L. Layman, Columbus
B.A. (Ohio Northern University)

Susan M. Lebold, Columbus
B.A.

Lillian Susan Lehburger, Columbus
B.A. (Colorado College)

Ellen Beth Leidner, Rocky River
B.S. Public Affairs (Indiana University)

Jeffrey Wayne Leonard, Ashland
B.S.Bus. (Miami University)

William August Leshy III, Portsmouth
B.S.Bus. (Miami University)

Frederick Howard Lewis, Loveland
B.A. (Carleton College)

Barry Wayne Little, New Carlisle
B.A. (Wittenberg University)

Lynda G. Loomis, Kent
Bachelor of General Studies (Kent State University)

Barry Lewis Lubow, Dayton
B.A. (American University)

Richard Allen Luther, Pittsburgh, N. C.
B.A., M.S.W. (Hiram College)

John Spenceley Marshall, Newark
B.A. (Denison College)

Steven Alan Mathies, Columbus
B.A.

Ruth Elaine Mayle, Belville
B.S.Edu. (Malone College)

Victoria Mary McCausley, Warren
A.B. (John Carroll University)

Michael Brian McComb, Shaker Heights
B.A. (University of Notre Dame)

Steven James McCready, Fairborn
B.A. (Miami University)

James R. McGuinness, Jr., Aurora
B.A. (Georgetown University)

Stephen Louis McIntosh, Columbus, S. C.
B.A. (South Carolina State University)

John Philip Melick, Worthington
B.A. (Miami University)
B.A.
Jeffrey Alan Randall
B.A. (Vanderbilt University)
Gregory Stephen Rains, Cincinnati B.A.
Christopher Jon Plybon, Centerville B.A. (Vanderbilt University)
Susan Elaine Raabe, Geneva B.A. (Capital University)
Randall Scott Rabe, Valders, Wis. B.A. (Lakeland College)
Gregory Stephen Rains, Cincinnati B.A. (University of Cincinnati)
Beverly Ann Reid, St. Albans, W. Va. A.B. (Ohio University)
Heidi M. Rian, Wooster A.B. (Radcliffe College)
Randall William Rummell, Mineral Ridge B.S.Ed. (Kent State University)
Edward Conrad Samsel, Toledo B.S.
David Irwin Schiff, Yellow Springs B.A.
Bruce Selby Schuenberger, Perrysburg B.A. (Miami University)
Deborah Levine Schottenstein, Columbus B.A.
Richard Alan Schwartz, Cincinnati B.A. (Vanderbilt University)
Michael James Segal, Columbus B.S.
Timothy Shawn Sell, Tipp City B.A. (Marietta College)
Barbara Ann Sents, Columbus B.A. (Bowling Green State University)
James Reid Shockley, Cincinnati B.A. (Oberlin College)
Paul Bruce Smith, Cincinnati B.A. (Ohio Wesleyan University)
M.S. (University of Wisconsin)
Ronald Lee Smith, Columbus B.A. (Kenyon College) ; M.A.
Ann Louise Snyder, Kent A.B. (University of Michigan)
Terrell Brooke Snyder, Martins Ferry B.A. (Kenyon College)
Douglas Howard Solomon, Pepper Pike B.A. (Miami University)
Maryellen C. Spirito, Elizabeth, N. J. B.S. (Skidmore College) ; M.S.W.
Jodie Lee Stearns, Bloomdale B.S.
William J. Steele, Massillon B.A. (Eastern Illinois University)
Shelby Martijn Steiger, Columbus B.A. (Miami University)
Roderic Lynn Stephan, Columbus B.S.
William Fisher Sterling, Canton B.A. (Kenyon College)
Kimberly Anne Straight, Parma Heights B.S.
William C. Strangfeld, Columbus B.A. (Kansas Wesleyan University)
David James Strasser, Cincinnati B.A. (University of Cincinnati)
Andrew Ian Sutter, Far Rockaway, N. Y. B.A. (Queens College, City University of New York) ; M.S. (State University of New York at Albany)
Martha Jane Sweeterslitch, Westerville B.A.
Kim Wilson Thomas, Cincinnati B.A.
Steve W. Thornton, Vandalia B.S.Bus. (Miami University)
John Richard Tomlan, Neffs A.B. (Cornell University)
Kris Herman Tore, Mayfield Village A.B. (Dartmouth College)
Nancy Jepson Trau, New Sweden, Maine A.B. (Dartmouth College)
Louis Udell, Youngstown B.S.Bus. (Miami University)
Lindsay Paul Vinson, Marion, Iowa B.S.Bus.Ed. (Drake University)
Michael Francis Wagner, Pittsburgh, Pa. B.A. (LaSalle College)
Thomas George Watson, Dover B.A. (Wittenberg University)
Mitchell Arthur Weissman, Beachwood B.B.A. (Emery University)
David Ralph Wickham, Londonderry B.A.
Darla Jean Wilkinson, Celina B.A. (Ohio Northern University)
John David Wilson, Cincinnati B.A. (Miami University)
John H. Wilson, Medina B.B.A. (University of Cincinnati)
Michael A. Yates, Ravenna B.A. (Kent State University)
Greta Yttersbo, Chesterland B.A. (University of Cincinnati)
Curt Richard Zimansky, Iowa City, Iowa B.A. (John Hopkins University)
Michael Daniel Zincola, Cleveland B.B. (Bowling Green State University)

College of Medicine
Dean: Manuel Tragouannis, M.D.

Doctor of Medicine
Karen Motteller Adams, Toledo B.A. (University of Toledo)
Thomas Albert Ambrose II, Las Vegas, Nev. B.A. (University of California—Los Angeles)
Robert Luther Aurrand, Warren B.A. (Wittenberg University)
Josephine Anne Barbacci, North Canton B.A. (St. Louis University)
William Walker Barrington, Toledo B.A., B.S., M.S. (University of Toledo)
Diane Rose Bernstein, La Jolla, Calif. B.A. (University of California—San Diego)
Edward Eugene Book, Callensburg, Pa. B.S. (Grove City College)
Viktor Rodrick Bouquet, Dayton B.A. (Johns Hopkins University)
School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Wendy Joy Admirals, Stow
Danny Terry Allen, Kettering
Sharon Marie Arbogast, McComb
Julie Michelle Aslan, College Park
Martha Adams Bader, West Chester
Billie Ann Baker, Dayton
Linda Jo Beachy, West Jefferson
Linda Ellen Belaito, Bedford
Tonda Lou Best, Columbus
Bernadette Jean Bick, Strongsville
Sue Ann Birchak, Warren
Kris Michelle Bissonette, Dayton
Gail Frances Bissone, Dayton
Belinda Emily Bixten, Kent
Susan Holloway Boardman, Roanoke, Va.
Jennifer Lee Boyd, Amherst
Jayne Louise Bricker, Delphos
Diana Lyn Jenkinson Britton, Covington, La.
Lynn Carol Brookfield, Toledo
Lisa Buckingham, Findlay
James Justin Byrne, Bucyrus
Nancy Ann Camp, Berlin Center
Valerie Jean Campbell, Warren
Barbara Louise Carey, Girard
Sue Ann Carlson, Ontario
Pamela Joyce Casey, Youngstown
Bill Lee Christenson, New London
Carole Anne Clift, Mogadore
Susan Cron Clunk, Radnor
Mark Alan Coates, Shadyside
Shelly Haber Gonsoulin, Vermilion
LeAnne Ann Coo, Amsterdam
Linda Jeanne Coley, Columbus
B.S. (John Carroll University)
Julie Anne Gramer, Postoria
Donna Cristiano, North Olmsted
Paul Timothy Croston, Yellow Springs
Catherine Lynn Cullom, Beavercreek
Valerie Anne D'Amato, Collinsville
B.S. (University of Akron)
Donna Nancy D'Amico, Independence
Anne Marie Davis, Boardman
B.S.
Linda Potts Difrancesco, Columbus
B.S.
Pamela Sue Dudley, Berlin Center
B.A. (University of Akron)
Jack Earl Eckroad, Akron
Carol Marie Elchhorn, Tiffin
B.S.
Kevin Eugene Ellinger, West Jefferson
B.S. (Ohio Wesleyan University)
Marianne Pati Faller, Beaver Creek
B.S.
Deborah Lynne Ferron, Canton
B.S.
JoAnn Elizabeth Fisher, Dayton
B.S.
Karen Sue Fitcher, Beaver Creek
B.S.
Doreen Renee Florian, Brookpark
B.A.
Gwynne E. Forrest, Columbus
B.A.
Debra Schooley Freimark, East Canton
B.S.
James Mitchell Freimark, Maumee
B.S.
Michelle Rabe Graf, Sugar Grove
B.S.
Annette Marie Green, Dayton
B.S.
Mary Jean Hallo, Bridgeville
B.S.
Valerie Lyn Hanes, Springfield
Mary Margaret Hanne, Mayfield Heights
B.S.
Jill Marie Hennes, Lorain
B.S.
Karen Lynne Heren, Zanesville
Carmen En Elvarenas, Fairborn
B.S.
Patricia Ruth Hewes, Akron
B.S.
Nancy Marie Hofstadler, Hamilton
B.S.
Amber Tamara Bell, Cincinnati
B.A.
Linda Ann Ikra, Wickliffe
B.S.
Gary Woods, Lisa Christine Burkhart, Akron
Beth Ann Bond, Columbus
Elizabeth Ann Baumgardner, Ann Kathryn Alden, Painesville
College of Pharmacy
Dean: Albert H. Soloway
Bachelor of Science in Pharmacy
Ann Kathryn Alden, Painesville
Elizabeth Ann Baumgardner, Solon
Bradley Eugene Bolekamp, Sidney
Seth Ann Bond, Columbus
Gary Woods Bumgarner, Wilmington
Lisa Christine Burkart, Akron
Beth Carson, Ashland
Jean Ann Clouse, New Riegel
Lisa Ann Coats, Findlay
Lisa Gail Collins, Columbus
Brian Keith Collier, Portsmouth
Wayne Charles Conty, Galion
Sean Dennis Cull, Columbus
Edward Jerome Dannemiller, Lancaster
Charles Alan DeFilippo, Yorkville
Tina Marie deVries, Kettering
Timothy Alan Ebenshade, Mansfield
Randy Douglas Fasnacht, Brookville
Christy Jean Freeman, Collegeville, Pa.
Anne Marie Freesley, Hudson
Glenn Scott Garrison, Columbus
Lise Ann Gervels, Kinnsman
B.A. (Hiram College)
Steven Neil Greene, Beachwood
Joseph Dickson Grubb II, Westerville
B.A. (Hendelback College)
Kevin Caldwell Horsemans, Columbus
Blaine Michele Hudek, Campbell
Marc Anthony Iacobucci, Cincinnati
Lois Ellen Joch, Fairborn
Gail Louise Jungbluth, Sheffield Village
Jean Marie Khroury, Lakewood
David Scott Knechtges, Grafton
Timothy Ernest Kosty, Bellingham, Ill.
Pranick Joseph Krivnak, Parma
Elizabeth Mary Kudlace, Parma
Julie Greiner Lamm, Columbus
James Andrew Lants, Hamilton
Julie Marie Larson, Edinboro, Pa.
Jack Lemanowicz, Brook Park
Donna Lee Leenansky, Massillon
James Michael Lonzetti, Wadsworth
Susan Marie Libby, Warren
Jerry George Lischak, Akron
Teresita Anne Lopianski, Akron
Eric Joseph Luckhaupt, Loveland
Anthony Manusisi, Euclid
Gregory Alan Matronia, Canton
David Edward McGlenn, Columbus
Toni Ann Mellen, Amherst
Holly Jean Mott, Cincinnati
Terry Lyn Morvai, Barberton
Cynthia Ann Myers, Mariamsburg
James Brian Myers, Youngstown
Dorla Paclco Niedenthal, Navarre
John Eric Patab, Canal Winchester
Max John Peoples, Medina
Kenneth Stuart Przyzler, Lorain
Leonard James Richards, Canton
Martin Michael Riley, Cleveland
Victor Francis Roscic, Euclid
Luannne Sue Saas, Columbus
Douglas John Schechkoft, Ottawa
Elizabeth Livingston Shannon, Columbus
Joan Louise Sherman, North Canton
Alan John Siekler, Miller City
John William Simes, Cincinnati
Jennifer Ann Smich, Parma
David Shawn Smith, Zanesville
Terrence Lee Tucker, Swanton
Kathy Allison Vara, Mayfield
Karen Hedge Wooten, Columbus
Kent Allen Zeller, Tiffin
Deborah Lynn Zommera, Newton Falls

College of Social Work
Dean: Thomas M. Meenaghan
Bachelor of Science in Social Welfare
Garry Marc Appleton, Cleveland Heights
Alvin Austin, Jr., Warren
Donna Y. Baker, Columbus
Donna Jane Bauman, Grove City
Susan Marie Beckman, North Olmsted
Paul Foster Behling, Columbus
Marc Zeth Berger, Cleveland
Stephanie Lynn Bisce, Columbus
Yolanda Denise Blair, Cincinnati
Donald James Brewer, Fairfax, Calif.
Belinda Lee Brooks, Galion
Thomas John Brudzinski, Fremont
Deborah Ann Burget, Montgomery
Lavone Caldwell, New London
Teresa Jean Combs, New Lebanon
Kelley Frances Conway, Mt. Vernon
Caroline Copeland, Springfield
Michelle Ann Craner, Perrysville
Pamela L. Craycraft, Columbus
Mary Frances Detamore, Columbus
Debra Lynn Devine, Columbus
Diane Mary Dickerson, Powell
Laurie Lynn Dini, Columbus
Margaret Lynn Dixon, St. Bernard's Newfoundland, Canada
Pamela Kay Dixon, Columbus
Kimberly Anne Downs, Amlin
Clara Marie Fipper, Prospect
Laura Ann Fox, Worthington
Shelley Jo Goodie, Conneaut
Sandra Theresa Guancial, Columbus
Margaret A. Hickle-Grimm, Wintersville
Amy Beth Hirsch, Beachwood
Lauree Ann Holman, Postoria
Carla Sue Householder, Bremen
Yolanda Denise Hunt, Cleveland
Carolyn Sue Kepley, Oswie, Me.
Jean Marie King, Mansfield
Joy Sherry Kossow, Beachwood
Kathy Jo Kroehh, Beachwood
Patricia Ann Lamers, Leipsic
Michelle Alayne Lepley, Barborton
Melanie Jean Lewis, Columbus
Jennie K. Lipphardt, Granville
Victoria Marie Lombardo, Reynoldsburg
Lisa Gabrielle Long, Columbus
Tracie Jean McDonald, Columbus
Tina Lynn McCaully, Columbus
Mary Katherine McClelland, Columbus
Anne Brian McConnell, Mentor
James Arthur McMerrrie, Toledo
Elizabeth Louise McGrath, Springfield
Cynthia Lou McIntosh, Urbana
Jill Sue Maddux, Washington C.H.
Tammy Lynn Marcum, Columbus
Karen Massey, Springfield
Marti Jo May, Chesapeake
Lynne Catherine Mazza, Cincinnati
Kim L. Mellon, Zanesville
Mary Anastasia Michael, Delphos
Laura Lynn Minner, London
Susan Lee Moon, Ashland
Robin Jane Moore, Chillicothe
Jennifer Lynn Neubauer, Crystal Lake, Ill.
Amy Lynne Newman, Cincinnati
Allison Jean Nortof, Rock River
Marilyn D. O'Hara, Laureeville
Melissa Elizabeth Perkins, Columbus

602
Laurel Elaine Perna, Bay Village
Susan Lynn Pierce, Winter Park, Fla.
Mary Jane Quick, Columbus
Toni Dawn Ramirez-Meriele, Elyria
Rebecca Jane Ramsey, Columbus
Julia Ann Rankin, Vandalia
Claudia Marie Reed, Pittsburgh, Pa.
Jean P. Reilly, Worthington
Mary Beth Rigoli, North Olmsted
Judy Beth Rosen, Columbus
Barbara Jill Roeller, Wooster
Barbara Ann Roseman, Columbus
Judy Beth Rosen, Columbus
Laurel Elaine Perna, Bay Village
Toni Dawn Ramirez-Meriele, Elyria
Rebecca Jane Ramsey, Columbus
Barbara Ann Roeller, Worthington
Vicky Lynn Horton, Cincinnati

College of Veterinary Medicine

Dean: Ronald A. Wright

Doctor of Veterinary Medicine

Allan P. Adair, Paris, Ky.
B.S. (University of Kentucky)
Sarah Stamey Adair, Winston-Salem, N.C.
B.S. (University of North Carolina)
Sharon Ann Adler, Fort Washington, Md.
B.S. (West Virginia University)
Carla Hart Allen, Mansfield
B.S.
Constance Joan Anderholm, Columbus
B.S.
Lawrence Webster Anson, Columbus
B.A. (Wooster College)
Carey Rex Aron, Youngstown
B.S.
Nancy Ellen Ball, Cincinnati
Gary G. Bamberger, Strafford, N. H.
B.S.; M.Sc. (University of New Hampshire)

Samuel Joseph Banks, McRoberts, Ky.
Connie Ruth Barnes, Wooster
B.S.
Robert Randall Basinger, Mansfield
Sharon L. Bennett, Cincinnati
B.S. (University of Cincinnati)
Joyce Kathleen Wilson, Ironton

Jeffrey Lynn Eubank, New Paris
B.S., M.Sc.
Andrew Stephen Fix, Batavia
B.S. (University of Cincinnati)
George L. Foley, Verona, N. J.
B.S. (Pennsylvania State University)
James Andrew Ford, Jr., Xenia
B.S.
Timothy John Frei, Rocky River
Susan Marie Fuller, Kansas City
B.S., M.Sc. (Cornell University)
Bradford Lee Garrison, West Salem
B.S. (Heidelberg University)

Lawrence Mark Gilman, Beachwood
B.S.
Kristin Louise Gottling, Cincinnati
A.B. (Miami University)
John Douglas Gregory, Napoleon
B.S.
Patricia Hardy Haines, Cincinnati
B.S.
Peter William Hellyer, Akron
B.S.
Rebecca Jane Hodge, Raleigh, N. C.
B.S. (North Carolina State University)
Patrick Lawrence Holden, Glen Burnie, Md.
B.S. (University of Maryland)
Brian E. Holub, Cincinnati
B.S. (University of Cincinnati)
Thomas Reid Homann, Mooresfield, W. Va.

Vicki Lynn Horton, Cincinnati
B.S.
Christopher J. Horvath, Morgantown, W. Va.
B.S. (West Virginia University)
Julie Janets Hurley, Rollinsford, N. H.
B.S. (University of New Hampshire)
Edward John Husch, Columbus
B.S.
Ellen Janet Imhof, Hiram
B.S.

Kenneth Bruce Isherwood, Akron
Katherine Lee Johnson, Seattle, Wash.
B.S. (Evergreen State College)
Janet K. Johnston, Piqua
Peyton Alexander Jones, Cincinnati
Princess Anne, Md.
Michele Lee Karl, Columbus
B.S.
Paula Jane Kaufman, Livingston, N. J.
Phyllis Sue Kimmelman, Mt. Laurel, N. J.
Anne Lewis Kincaid, Charlotte, N. C.
Joel Coulombe Kitchens, Batavia
B.S.
David Wayne Knapp, Concord, N. H.
B.S. (University of New Hampshire)
Alan Ray Knowles, Kinnsman
B.S. (Bowling Green State University)
Janet Beth Langenderfer, Enon  
A.B. (Miami University)

Jamie Glen Lindstrom, North Ridgeville  
B.S.

Philip Alan Lowe, Beverly  
B.S.

Elaine Elisabeth Lutz, Clark, N. J.  
B.S. (Virginia Polytechnic Institute and State University)

B.S. (University of Kentucky)

Randy Carl Lynn, Bath  
B.S., M.Sc.

Cathie Sue Marshall, Columbus  
B.S., M.Sc.

Diane Elaine Mason, Loveland  
B.S. (Ohio University)

Lisa Robyn Meltzer-Fross, Fair Lawn, N. J.  
B.S.

William Russell Meyer, Columbus  
B.S.

Alice W. Wittinger Mills, Springfield  
B.S., M.Sc.

Caryn J. Mills, Chesterland  
B.S.

Susan Janet Morton, Somerville, N. J.  
B.S. (Delaware Valley College)

Jennifer Fairchild Moulton, Columbus  
B.S.

Ronald E. Moutvie, Columbus  
B.S.E.E. (University of Illinois); M.Sc.

Laurie J. Newby, Norfolk, Va.  
B.S. (Virginia Polytechnic Institute and State University)

Donna Lynn Niccol, Homewood  
B.S. (Ohio University)

Daniel Edward Overmeyer, Defiance  
B.S.

Mark Alan Parker, Ashland, Ky.  
B.S. (Georgetown College)

Kirk Gordon Perkins, Dayton  
B.S.

Robert Edwin Porter, Jr., Cuyahoga Falls  
B.S.

B.S. (Virginia Polytechnic Institute and State University)

Virginia Topliff Prince, Cincinnati  
B.S. (Cornell University)

Charles Steven Radabaugh, Columbus  
B.S., M.Sc.

Carol Osborne Rapisarda, Chesterland  
B.S.

Ronald Alan Reagh, Chagrin Falls  
B.S. (Miami University)

Jeffrey Lloyd Rhody, Baltimore, Md.  
B.S.

Robert Clinton Rigby, Raleigh, N. C.  
B.S. (North Carolina State University)

Lisa Ann Rihl, Cedarville  
B.S.

Robert Frederick Roberts, Akron  
B.S. (University of Akron)

T. Arch Robertson, Gates Mills  
B.S.

Michael David Robison, White Plains, N. Y.  
B.S. (Indiana University); M.Sc. (Emory University)

Patricia L. Rose, Greensburg  
B.S.

Robin K. Rosen-Sharp, Cincinnati  
B.S.

Robert Charles Rostaing, Columbus  
B.S. (University of Cincinnati); M.Sc.

Deborah Long Sams, Columbus  
B.S. (Denison University); D.D.S.

Martha Jane Schaad, Columbus  
B.S.

Ted James Schadler, Columbus  
B.S.

Mark John Schlesinger, Medina  
B.S.

Susan Elizabeth Schmidt, Lyndhurst  
B.S.

Carl Ronie Schumaker, Carlisle  
B.S.

Mary Kay Schwab, Dublin  
B.S.

David Roy Smith, Xenia  
B.S.

Bruce John Solomon, Cleveland  
B.A.

Norman David Stewart, Columbus  
B.S., M.Sc.

Sheryl Lynn Strasser, Rockville, Md.  
B.S.

Earl Coleman Sutherland III, Fairborn  
B.S.C.E.

Clifford Richard Swanson, Columbus  
B.S., M.Sc.

Craig Leslie Sweeney, Raleigh, N.C.  
B.S. (North Carolina State University)

Jan Paul Tamarkin, Alexandria, Va.  
B.S. (Virginia Polytechnic Institute and State University)

Jennifer Marie Thorpe, Troy  
B.S.

Amy Sue Tidwell, Louisville, Ky.  
B.S.

Marc Henry Toeniones, Columbus  
B.S., M.Sc.

Marcia Maria Vandermause, Takoma Park, Md.  
B.S.

Daniel Craig Venner, Toledo  
B.S. (University of Toledo)

Jennifer Hindman Voss, Morgantown, W. Va.  
B.S. (West Virginia University)

Donna Lee Walker, Mayfield, Ky.  
B.S. (University of Kentucky)

Rosemary Henik Welt, Cincinnati  
B.S. (Northern Kentucky University); M.Sc.

Jerry Lee Wenger, Dalton  
B.S.

Kristine Elaine Williams, Canton  
B.S. (University of Cincinnati)

Debra Heldman Williams, Arlington  
B.S.

Warren Lee Wilson, Columbus  
B.S.

Cheryl Armor Winslow, Cincinnati  
B.B. (University of Cincinnati)

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 Agricultural Economics  
Jeffrey C. Cox

With Distinction in Agricultural Education  
Daniel D. Dull  
Kathleen Ann Guthrie

With Distinction in Agronomy  
Daniel D. Dull  
Mary Lee Saffier

With Distinction in Animal Science  
Tammie Lynn Smith  
Brian Robert Ward

With Distinction in Chemical Engineering  
Martindale Nelson  
Christopher Richelt

With Distinction in Dairy Science  
Todd David Kranz

With Distinction in Economics  
Peter Andrew Cooper

With Distinction in Electrical Engineering  
Allison Lee Oddfield

With Distinction in Family Relations and Human Development  
Lynne Marie Girard
With Distinction in Food Science and Nutrition
LeAnn Sue Eyerman

With Distinction in Forest Biology
Thomas Edward Beresike Maureen Cecilia Newkold Martin Alan Spetch

With Distinction in Mechanical Engineering
Robert Luther Orndorff

With Distinction in Mining Engineering
Richard D. Goodman

With Distinction in Natural Resources Development
Howard Sidney Bowns, IV

With Distinction in Poultry Science
Christina J. Winget

With Distinction in Psychology
Pamela Sue Carter Robert Alan Ceider Daniel B. Horne

With Distinction in Welding Engineering
Kenneth John Gang

With Distinction in Wildlife Management
Carin S. Meyers

With Distinction in Zoology
Susan Mae Emans

With Distinction in Anthropology and with Honors in the Liberal Arts
Cynthia Kathleen Hendrix

With Distinction in Economics and with Honors in the Liberal Arts
Andrew Scott Bush

With Distinction in Psychology and with Honors in the Liberal Arts
Mary JoAnn Allen

With Honors in the Liberal Arts

Miriam Ann Tucker Charles Albert Vannatta David Donald Watson

Cum Laude


John Philip Mehigan
Karen Lee Meehan
Philip Francis Mendola
Amy Lynn Middleton
Kathy Lynn Mitchell
Viva Bermudes Mogk
Gerald A. Moore
Susan Janet Morton
Marvin Mawhous Moussalem
Valerie Ann Murchoke
Lisa Marie Murphy
Carol Suzanne Natan
Janet Ellen Noll-Wessels
Ralph Carlo Nolletti
Patricia Kay Noyakos
Mary Elizabeth O'Brien
Casey Louis O'Connor
Beth Jeanine Obermeyer
James L. Oliver
Michelle Lynn Ott
John Edward Otten
Teresa Ann Ours
Gregory Linden Paul
Barbara Stecklein Payne
Richard Scott Penny
Mary Ellen Peseck
Sarah L. Peterson
Laura Zarro Pitzen
Rick Lee Poepelmann
Bradford James Porter
Kathleen Mary Stanbury Potts
Judith Ann Primmer
Robert E. Pritchard
Debra Ann Proper
Karen Kay Purdum
Doris R. Parvis
Joy Elizabeth Pusti
Robert E. Pyle, Jr.
Timothy Lee Ramsier
Richard Joseph Raskin
Rhonda Louise Ratliff
Elaine Jennifer Rauch
Lori S. Ray
Linda S. Reeder
Faith E. Reidenbach
Vance Dawn Rehder
Jeffrey Lloyd Rhody
Leigh Ann Robertson
Michael David Robinson
Patricia Jane Rockwell
Keith Richard Rohrer
Patricia L. Rose
Douglas Duane Roth
Lesley Kay Ruffener
John Michael Russell
Lori Barnett Ryan
Carrrie Allene Scarff
Tammy Hoshor Scheidegger
Mary Kay Schwab
Lynnita Kay Segovia
Keith Lee Sellers
Terry Shafer
Tamara Sue Shafer
Christopher Allen Shealy
Sanford Len Shew
Dawn Yutzey Showalter
Anne Stephanie Silverman
Gary Allen Simmons
Diane Marie Smagatz
Bradley Noel Smith
Ida Adella Ann Smith
Mary Joan Smith
Stephen John Snider
Lance Philip Spellersberg
Melinda Gay Spencer
Robert Frank Sparney
Randall Mark St. Laurent
Jane Maier Standley
Janice Louise Stanek
Alan David Steginsky
Gregory Lee Stevens
Lucille Josephine Stiger
David Alan Straks
Jack Charles Sullivan
Craig Leslie Sweeney
Judith Ann Swoboda
Bradley Keith Taylor
Donna Gail Taylor
Douglas A. Taylor
Daniel Hillil Tetelbaum
Suzanne Carole Terrant
William Brian Thacker
Todd William Thompson
Amy Sue Tidwell
Kathy R. Trabue
Janet Lynn Trifonoff
Melaine Kay Trout
Alan Dean Tumblin
Douglas Alan Turner
Margaret Lynn Uland
Carol Marie Vorst
Constance Ann Walter
Susan Dillman Waterbury
Dennis Wade Watson
Patricia Joan Welsh
Todd William Westphaler
Kimberly Sue Wheeler
Sandra Lee Whisler
Joel Morris White
Douglas Edwin Wickerham
Stephanie Anne Wiley
Robert Henry Williams
Joyce Kathleen Wilson
James Timothy Wood
Timothy Lee Workman
Lawrence Oliver Wright
Scott David Wyler
Timothy Lee Yost
Michael Joseph Zeleznik
Robert Edward Zimmerman
Cum Laude with Distinction in
Aeronautical and Astronautical Engineering
Ann Patricia Kerstlak
Cum Laude with Distinction in
Animal Science
Kathy Lee Hamilton
Cum Laude with Distinction in
Chemistry
Lucius Selbering Fox
Cum Laude with Distinction in
Dairy Science
Lawrence R. Jones
Cum Laude with Distinction in
Environmental Communication
Vivian Lee Stockman
Cum Laude with Distinction in
Forest Resource Management
Daniel R. Balser
James Michael Roshetko
Cum Laude with Distinction in
Geography
Tamara Sue Hower
Cum Laude with Distinction in
Geology and Mineralogy
Marijke van Heeswijk
Cum Laude with Distinction in
Home Management and Housing
Linda Elizabeth Strow
Cum Laude with Distinction in
Natural Resources Development
William Robert Reiner, Jr.
Cum Laude with Distinction in
Parks and Recreation Administration
Victoria Lynne Pfeiffer
Jennifer Yeager
Cum Laude with Distinction in
Physical Therapy
Sue Ann Carlson
Cum Laude with Distinction in
Psychology
Thomas F. Biddle
Joyce Rauch Rits
Cum Laude with Distinction in
Wildife Management
Daniel Wade McMullen
Cum Laude with Distinction in
Zoology
Peter James Pena
Cum Laude with Distinction in
Biochemistry and with Honors in the
Liberal Arts
Joseph Edward Dohar
Cum Laude with Distinction in
Physics and with Honors in the Liberal Arts
Don Frederic DeJongh
Cum Laude with Honors in the
Liberal Arts
Louis Michael Biafore
William Timothy Elgin
Victor Allen Ferdinand
William Allen Henderson
Venkata Ramakrishna Jayanthi
Julie Ann Segel
Stephen Joseph Stephens, Jr.
Mark David Tucker

Summa Cum Laude

Carol A. Abbott
Kenneth L. Andow
Denis Evan Appelbaum
Vickie Riley Babcock
Bernadette Jean Bilick
Bruce Eric Blaho
Linda Ann Blair
Kathleen Ellen Bock
Marcele Germainn Bowen
Anton K. Boyer
Paul Douglas Brockman
David Theodore Brown
William Paul Bryan
Rickey James Burger
Stephen Richard Cammann
Pamela Ann Capani
Cara Lia Chenfeld
Scott Bradley Citino
James Hull Cordray
Gregory Sean Cousino
Pamela L. Craycraft
Alan Paul Curtis
Anne Aline Cutiechia
Bruce Kevin Davis
William Watson Davison
Kevin M. Distelhorst
Thomas Stephen Dunham
Michael Robert Eby
Vickie Lynn Edelsberry
Kevin Eugene Ellinger
Geralyn Marie Engler
Timothy Allan Esbenshade
William John Flynn
Daniel James Freytag
Irene Annette George
Nancy Ann Germain
Cheryl Lynn Gordon
Holli Jade Greene
Carol LeCompte Griffith
Virginia Sue Shearer Heins
James Bernard Hermiller, Jr.
Thomas William Heslerman
Helen Marie Hoffman
Jacqueline Faye Hohulin
Laurie Ann Holman
Karen Sue Holt
Theresa Ann Houchin
Annette E. Houk
Jeffrey Colin Huber
David Richard Hull
Patrick Edward Hopp
Julie Ann Hutt
David Phillip Ingold
Joyce Marie Johnson
Tami Lynne Jones
Teri L. Jones
Patricia Ann Kaiser
James Robert Kent
William Lloyd Kerr
Marina Ann Kershner
Ann Renee Koval
Rebecca Lynn Kuhn
Teri Kuhlman Leonard
Elliot Louis Levine
Gary Edward MacPhie
Leila Sue Maloof
M. Therese Masters
Patricia Marie McNichols
Jeryl Anne Meeks
Barbara Ann Meese
Dwight Alan Meglan
Cathy Ellen Mehl
Dean Vincent Melcher
Deanne Louise Miller
Diane Lynn Moore
Beth Lorraine Morrison
Donna Lynn Nicoll
Lynne Marie Parkinson
Nancy Ellen Pearson
Lynne Marie Peltonas
Timothy James Penton
Alice Rose Piwowarczyk
Edward John Putt
David Alton Ray
Diane Kathryn Reik
Peter Charles Rogers
William David Rudolph
Pamela Jean Schechter
Sylvia Lynn Schonauer
Lois Ann Schostek
Brenda Lee Self
Pamela Faith Setnar
Barbara Ann Shaw
Barbara Ann Shook
David Ira Shoup
Brian Keith Siler
Susan Pauline Specer
Diane Marie Stiles
Lori S. Stern
Dennis Courtney Stoiber
Attila Szabo
Barbara A. Tewart-Darwin
Ted Keller Trabue
Marcia Maria Vandermause
Marie Ann Wargelin
Lisa Ann Warner
Reinhard George Weiss
Marilyn Grice Weston
Jacqueline Lee Wills
Rex Daniel Wilson
Leonore Catherine Witchey

Summa Cum Laude with Distinction in Accounting
Judith Ray Vejlupek

Summa Cum Laude with Distinction in Agricultural Economics
Brian Howard Watkins

Summa Cum Laude with Distinction in Agronomy
Stephanie L. Schroeder

Summa Cum Laude with Distinction in Animal Science
Jeanne Osborne

Summa Cum Laude with Distinction in Dairy Science
Joan Siciliano Jones

Summa Cum Laude with Distinction in Fisheries Management
Kevin Adam Kayle

Summa Cum Laude with Distinction in Forest Biology
Anthony Joseph Vidmar

Summa Cum Laude with Distinction in Horticulture
Daniel Albert Herms

Summa Cum Laude with Distinction in Parks and Recreation Administration
Ronald Rae Fowler

Summa Cum Laude with Distinction in Physical Therapy
Deborah Ann Kimble

Summa Cum Laude with Distinction in Psychology
Ruth Ann Ksieniska

Summa Cum Laude with Distinction in Welding Engineering
Lorne Alan Weeter

Summa Cum Laude with Distinction in History and with Honors in the Liberal Arts
Stephen Charles Mixter

Summa Cum Laude with Distinction in International Studies and with Honors in the Liberal Arts
Margaret Louise Best

Summa Cum Laude with Distinction in Psychology and with Honors in the Liberal Arts
David Lawrence Fox

Summa Cum Laude with Honors in the Liberal Arts
Ann Kathryn Dapor
Kevin B. Richardson
Teri Lynn Steiner
Douglas Alan Stuart
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THE OHIO STATE UNIVERSITY

OFFICIAL PROCEEDINGS OF THE

ONE THOUSAND ONE HUNDRED AND NINETIETH MEETING

OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 9, 1983

The Board of Trustees met at its regular monthly meeting on Thursday, June 9, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
Dr. Jacob introduced the new member of the Board of Trustees:

I am delighted to introduce Mr. Hamilton J. Teaford of Columbus whose appointment for a term beginning May 14, 1983 and ending May 13, 1992 to succeed Warren J Smith, whose term expired, was announced last month by Governor Richard Celeste.

Mr. Teaford graduated with honors from Wesleyan University, Middletown, Connecticut, and earned his J.D. from Harvard Law School. He completed his secondary education here in Columbus where he graduated from North High School.

In 1966 Mr. Teaford traveled to Nigeria as a Peace Corps volunteer and English teacher, and he later became a program officer for the Ford Foundation and legal advisor for the Small Industries Credit Scheme in Kaduna, Nigeria. He was a trial examiner for the Federal Home Loan Bank Board in Washington for four years, and is presently a partner in the Columbus law firm of Teaford, Rich & Dorsey.

He is a member of a number of civic, cultural and church groups, and served as treasurer of the Celeste in '82 Committee.

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The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:15 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.


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June 9, 1983 meeting, Board of Trustees

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

COMMITTEE APPOINTMENTS 1983-84

Resolution No. 83-139

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 1983-84 are as follows:

Educational Affairs Committee
  Daniel M. Galbreath, Chairman
  Shirley D. Bowser, Vice Chairman
  Leonard J. Immke

Fiscal Affairs Committee
  Edmund C. Redman, Chairman
  John W. Berry, Vice Chairman
  John F. Havens

Standing Committee on Agricultural Affairs
  Shirley D. Bowser, Chairman
  Dale Locker, Vice Chairman, Ex Officio
  Daniel M. Galbreath

Student Affairs Committee
  D. James Hilliker, Chairman
  John W. Berry, Vice Chairman
  Hamilton J. Teaford

Personnel Committee
  John D. Jacob, Chairman
  D. James Hilliker
  John F. Havens

Development Fund Board of Directors
  Shirley D. Bowser (1982-84)
  Leonard J. Immke (1983-85)

Inter-University Council
  Hamilton J. Teaford

Research Foundation Board of Directors
  John F. Havens (1983-86)

University Hospitals Board
  Daniel M. Galbreath
  Edmund C. Redman

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 1983-84 be 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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June 9, 1983 meeting, Board of Trustees

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY 3335-5-33, 3335-5-34, 3335-5-36, 3335-5-58, 3335-9-31 AND DELETION OF RULE 3335-9-16**

Resolution No. 83-140

**Synopsis:** Amendments to rules 3335-5-33, 3335-5-34, 3335-5-36, 3335-5-58, 3335-9-31, and deletion of rule 3335-9-16 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 amendments to rules 3335-5-33, 3335-5-34, 3335-5-36, 3335-5-58, 3335-9-31 and the deletion of rule 3335-9-16 of *Rules of the University Faculty* were approved by the University Senate on May 14, 1983, as follows:

**AMENDED RULES**

3335-5-33 Membership.

There shall be a graduate council constituted as follows:

(A) Chairperson. The dean of the graduate school shall chair the graduate council.

(B) Elected faculty members. Forty members of the graduate faculty, four elected by the regular members of the graduate faculty from each of the ten graduate areas: administrative sciences, agricultural sciences, the arts, biological sciences, education, engineering sciences, humanities, physical sciences and mathematics, professional biological sciences, and social and behavioral sciences.

(C) Alternate faculty members. Each faculty member of the graduate council is expected to attend its meetings regularly but alternate representatives shall be elected for each area in order to assure full attendance at meetings when elected faculty members are justifiably absent. When an elected member is off duty or unable to attend a meeting of the graduate council, the member shall notify the secretary of the graduate school in advance of the meeting, giving the name of the alternate who will attend. The alternate shall then have the general powers and privileges in the graduate council of the member represented.

Service as an alternate does not make the alternate ineligible for election to membership in the council the following year.

(D) Student members. Twelve graduate students, one from each of the ten graduate areas, and two at large, shall be elected by the council of graduate students. These members shall serve terms of one year and shall be eligible for at most three consecutive terms.
June 9, 1983 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY 3335-5-33, 3335-5-34, 3335-5-36, 3335-5-58, 3335-9-31 AND DELETION OF RULE 3335-9-16 (contd)

(E) Alternate student members. Each student member of the graduate council is expected to attend its meetings regularly but an alternate representative shall be appointed for each member in order to assure full attendance at meetings when appointed student members are justifiably absent. When a student member is unable to attend a meeting of the graduate council, the member shall notify the secretary of the graduate school in advance of the meeting, giving the name of the alternate who will attend. The alternate shall then have the general powers and privileges in the graduate council of the member represented.

3335-5-34 Election of faculty members.

(A) Faculty members shall be elected from each of the ten graduate areas defined in rule 3335-5-33 of the Administrative Code, for staggered terms of four years and shall be ineligible for reelection for one year thereafter.

3335-5-36 Committees.

(A) There shall be five standing committees: executive, curriculum, policy and standards, research, and graduate associate. Each committee will be chaired by the dean of the graduate school, or designee.

(B) The executive, curriculum, policy and standards, and research committees shall each consist of ten faculty members of the graduate council, one from each graduate area, and three graduate student members, all of whom are members of the graduate council. The graduate associate committee shall consist of eight graduate faculty members, two of whom are members of the graduate council, and three graduate student members.

(C) Specific responsibilities, in addition to those assigned by the graduate council or the dean of the graduate school, are as follows:

(1) The curriculum committee considers and acts on courses carrying graduate credit and considers and recommends to the graduate council action on graduate degree programs.

(2) The executive committee considers and acts on graduate faculty nominations and student petitions.

(3) The policy and standards committee considers and recommends to the graduate council policies and rules related to graduate education.

(4) The research committee considers and recommends to the graduate council policies and rules related to research.

(5) The graduate associate committee considers and recommends to the graduate council policies and rules related to graduate associates.
AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY 3335-5-33, 3335-5-34, 3335-5-36, 3335-5-58, 3335-9-31 AND DELETION OF RULE 3335-9-16 (contd)

3335-5-38 Committee on academic freedom and responsibility.

(A) The committee on academic freedom and responsibility shall consist of six faculty members of the university senate and two graduate teaching, research, or administrative associates. The faculty membership shall nominate faculty members from whom the university senate will elect, at its special meeting in June, faculty members. The council of graduate students shall nominate four graduate associates from whom the university senate will elect, at its first meeting in autumn quarter, the graduate associate members for twelve-month terms. For the period of time beginning in June and ending with the start of autumn quarter, there will be eight faculty members and two graduate associate members from which a quorum of five will be established. Vacancies on the committee shall be filled through election by the university senate with nominations from the floor.

3335-9-31 Requirements for a graduate degree.

To obtain a graduate degree from this university, a graduate student must have met the minimum requirements established by the graduate council and approved by the board of trustees, and have filed an application for the degree in accordance with rules prescribed by the graduate council.

NOW THEREFORE

BE IT RESOLVED, That the amendments to the Rules of the University Faculty and the deletion of rule 3335-9-16 be adopted as recommended by the University Senate.

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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ESTABLISHMENT OF COLLEGE OF HOME ECONOMICS
Resolution No. 83-141

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

WHEREAS the School of Home Economics' faculty, staff, students and alumni support and approve the proposal to grant Home Economics college status; and
ESTABLISHMENT OF COLLEGE OF HOME ECONOMICS (contd)

WHEREAS college status would allow Home Economics' faculty to set their own directions, goals and future; and

WHEREAS college status would allow Home Economics to be much more effective in their research and public service missions; and

WHEREAS Home Economics has a well established subject matter, significantly different from other colleges to warrant college status; and

WHEREAS the School of Home Economics has approximately fifty faculty members distributed through all faculty ranks, with well established and recognized faculty at the graduate level, with sufficient numbers of graduate faculty at the Category II and III levels:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the action of the University Senate to change the School of Home Economics to College of Home Economics which was recommended at the May 14, 1983 meeting; and

BE IT FURTHER RESOLVED, That this change shall be effective July 1, 1983.

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. 83-142

 Synopsis: Request to waive paragraph (G) of bylaw 3335-1-08 of the Administrative Code for the renaming of West Hall.

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

WHEREAS the President wishes to recommend that the West Hall be renamed to honor John T. Mount who is to retire as Vice President for Regional Campuses and Dean of University College:
June 9, 1983 meeting, Board of Trustees

WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08
OF THE ADMINISTRATIVE CODE (contd)

NOW THEREFORE

BE IT RESOLVED, That paragraph (G) of bylaw 3335-1-08 of the Administrative Code be waived so that West Hall can be renamed for a living person.

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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NAMING OF BUILDING

Resolution No. 83-143

Synopsis: Renaming of West Hall is being proposed.

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

WHEREAS, the President recommended, with the concurrence of the President's Staff, that West Hall, located at 1050 Carmack Road, be named John T. Mount Hall, to honor Mr. Mount's service in a leadership role at the University for 42 years:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be renamed John T. Mount Hall.

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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HONORARY DEGREES

Resolution No. 83-144

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:

Vincent T. DeVita
Doctor of Science

Lloyd M. Parks
Doctor of Science
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. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-145

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Changes in Title, Appointments, Reappointment of Ombudsman, Appointment of Department Chairpersons and Director of School and Center, Reappointment of Chairpersons of Departments and Division, Medical Staff--Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, 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 5, 1983 meeting of the Board, including the following Retirement, Changes in Title, Appointments, Reappointment of Ombudsman, Appointment of Department Chairpersons and Director of School and Center, Reappointment of Chairpersons of Departments and Division, Medical Staff--Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget, be approved.

Retirement

JOHN T. MOUNT will retire as Vice President for Regional Campuses and Dean of University College, effective June 30, 1983.

Changes in Title

Name: DAVID H. BOYNE
Title: Associate Provost
Office: Academic Affairs
Effective: June 1, 1983
Salary: $65,280.00
Present Position: Professor and Chairperson, Department of Agricultural Economics and Rural Sociology, and Professor, Cooperative Extension Service
### PERSONNEL ACTIONS (contd)

#### Changes in Title (contd)

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Office</th>
<th>Effective</th>
<th>Salary</th>
<th>Present Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRANCILLE M. FIREBAUGH</td>
<td>Associate Provost</td>
<td>Academic Affairs</td>
<td>June 1, 1983</td>
<td>$66,720.00</td>
<td>Acting Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources, and Professor, Department of Home Management and Housing</td>
</tr>
<tr>
<td>RUSSELL J. SPILLMAN</td>
<td>Associate Provost</td>
<td>Academic Affairs</td>
<td>May 1, 1983</td>
<td>$64,080.00</td>
<td>Associate Dean, College of Education and Associate Professor in the Academic Faculty of Educational Administration</td>
</tr>
<tr>
<td>THOMAS A. WILLKE</td>
<td>Acting Dean of University College and Vice Provost for the Colleges of the Arts and Sciences</td>
<td>Academic Affairs</td>
<td>July 1, 1983</td>
<td>$58,080.00</td>
<td>Vice Provost for the Colleges of the Arts and Sciences and Professor, Department of Statistics</td>
</tr>
<tr>
<td>TED R. ROBINSON</td>
<td>Associate Vice President for Academic Affairs (Regional Campuses)</td>
<td>Academic Affairs</td>
<td>July 1, 1983</td>
<td>$54,480.00</td>
<td>Assistant Vice President, Regional Campuses, and Associate Professor, Department of Agricultural Education</td>
</tr>
<tr>
<td>GEORGE R. GIST</td>
<td>Director</td>
<td>Cooperative Extension Service</td>
<td>July 1, 1983</td>
<td>N/A</td>
<td>Acting Director, Cooperative Extension Service</td>
</tr>
</tbody>
</table>
June 9, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Effective</th>
<th>Salary</th>
<th>Present Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>JACK A. BOULANT</td>
<td>Associate Professor (Fred A. Hitchcock Professorship in Environmental Physiology)</td>
<td>Physiology</td>
<td>July 1, 1983</td>
<td>$44,040.00</td>
<td>Associate Professor, Department of Physiology</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Effective</th>
<th>Salary</th>
<th>Present Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARL V. LEIER</td>
<td>Associate Professor (James W. Overstreet Chair in Cardiology)</td>
<td>Medicine</td>
<td>July 1, 1983</td>
<td>$70,200.00</td>
<td>Associate Professor, Department of Medicine and Department of Pharmacology</td>
</tr>
</tbody>
</table>

Reappointment of Ombudsman

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Office</th>
<th>Effective</th>
<th>Salary</th>
<th>Present Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>DONALD W. GOOD</td>
<td>Ombudsman</td>
<td>Office of the President</td>
<td>July 1, 1983 through June 30, 1986</td>
<td>N/A</td>
<td>Ombudsman and Associate Professor, Department of English</td>
</tr>
</tbody>
</table>

Appointment of Department Chairpersons and Director of School and Center

July 1, 1983 through June 30, 1987

<table>
<thead>
<tr>
<th>Department</th>
<th>Chairpersons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dance</td>
<td>Vickie Blaine</td>
</tr>
<tr>
<td>Educational Policy and Leadership</td>
<td>Lonnie H. Wagstaff</td>
</tr>
<tr>
<td>Educational Theory and Practice</td>
<td>C. Ray Williams</td>
</tr>
<tr>
<td>Human Services Education</td>
<td>Thomas M. Stephens</td>
</tr>
</tbody>
</table>

July 1, 1983 through June 30, 1984

<table>
<thead>
<tr>
<th>Department</th>
<th>Chairpersons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entomology</td>
<td>*David J. Horn</td>
</tr>
<tr>
<td>School of Allied Medical Professions</td>
<td>**Mary Rosita Schiller</td>
</tr>
</tbody>
</table>

*Acting Chairperson

**Acting Director
June 9, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Department Chairpersons and Director of School and Center (contd)

June 1, 1983 through June 30, 1984

Agricultural Economics and Rural Sociology

October 1, 1983 through June 30, 1984

Center for Medieval and Renaissance Studies

October 1, 1984 through June 30, 1988

Center for Medieval and Renaissance Studies

Reappointment of Chairpersons of Departments and Division

July 1, 1983 through June 30, 1984

July 1, 1983 through June 30, 1986

July 1, 1983 through June 30, 1988

East Asian Languages and Literatures

* Acting Chairperson

** Acting Director

Medical Staff--Appointments

George M. Bescak, D.O. Courtesy Staff in Renal Diseases (Medicine) Clinical Instructor
Edward M. Blaine, M.D. Limited Staff in Anesthesiology Clinical Instructor H.S. Professor
Jerome J. Cunningham Attending Staff in Diagnostic Radiology
John R. Davis, M.D. Limited Staff in Radiology (Nuclear Medicine) Clinical Instructor H.S.
William W. Hunter, Jr., M.D. Attending Staff in Diagnostic Radiology Associate Professor
Brigitte Kuperwasser, M.D. Attending Staff in Anesthesiology Assistant Professor
Ruben G. Martinez, M.D. Limited Staff in Anesthesiology (Fellow) Clinical Instructor H.S.
Leaves of Absence Without Salary

CHARLES BREWER, Professor, Department of Architecture, effective October 1, 1983 through June 30, 1984, to pursue a research project.

H. YUAN TIEN, Professor, Department of Sociology, effective October 1, 1983 through March 31, 1984, to accept a Fellowship from the Woodrow Wilson International Center, Washington, D. C.

DAVID MICHAEL LAMPTON, Associate Professor, Department of Political Science, effective October 1, 1983 through June 30, 1984, to serve as Senior Advisor and Director of Special Projects for Committee on Scholarly Communication with the People's Republic of China at the National Academy of Sciences.

MOIRA LOGAN, Associate Professor, Department of Dance, effective Autumn Quarter 1983, for personal reasons.

STEPHEN J. RALLIS, Associate Professor, Department of Mathematics, effective Winter Quarter 1984, to accept an invitation from the Institute for Advanced Study.

PAUL D. SEYMOUR, Associate Professor, Department of Mathematics, effective October 1, 1983 through December 31, 1983, to enable him to collaborate with an excellent combinatorics group at M.I.T.

NEIL F. FALKNER, Assistant Professor, Department of Mathematics, effective October 1, 1983 through June 30, 1984, to accept a position as Visiting Assistant Professor at The University of British Columbia, Vancouver, B. C., Canada.

ROMAN T. SKARDA, Assistant Professor, Department of Veterinary Clinical Sciences, effective January 1, 1984 through December 31, 1984, to complete his Venia Legendi (Ph.D. degree) at the University of Zurich, Zurich, Switzerland.

ROBERT KENT WEAVER, Assistant Professor, Department of Political Science, effective October 1, 1983 through June 30, 1984, to join the staff of the Brookings Institution in Washington, D. C.

Professional Improvement Leaves

ALAN J. RUBIN, Professor, Department of Civil Engineering, effective Winter Quarter 1984 and Spring Quarter 1984.

PAUL G. SHEWMON, Professor, Department of Metallurgical Engineering, effective Winter Quarter 1984, Spring Quarter 1984, and Summer Quarter 1984.

ANDREW WOJCICKI, Professor, Department of Chemistry, effective Winter Quarter 1984 and Spring Quarter 1984.
June 9, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

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

SHIRLEY A. OLSEN, Associate Professor, Department of Industrial Design, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

DOUGLAS S. KERR, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

MARGRET PIERSON, Associate Professor, Department of Dance, effective Winter Quarter 1984 and Spring Quarter 1984.

DOUGLAS S. KERR, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

SHIRLEY A. OLSEN, Associate Professor, Department of Industrial Design, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

DOUGLAS S. KERR, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

MARGRET PIERSON, Associate Professor, Department of Dance, effective Winter Quarter 1984 and Spring Quarter 1984.

DOUGLAS S. KERR, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

MARGRET PIERSON, Associate Professor, Department of Dance, effective Winter Quarter 1984 and Spring Quarter 1984.

Emeritus Titles

JOHN T. MOUNT, University College, with the title Vice President and Dean Emeritus, effective July 1, 1983.

ROBERT J. ATWELL, School of Allied Medical Professions, with the title Professor Emeritus, effective July 1, 1983.

H. RICHARD BLACKWELL, College of Optometry, with the title Professor Emeritus, effective September 1, 1983.

IRMA M. COOPER, School of Music, with the title Professor Emeritus, effective July 1, 1983.

JOHN FREEMAN, Department of Art, with the title Professor Emeritus, effective July 1, 1983.

EUGENE FRILEY, Department of Art, with the title Professor Emeritus, effective July 1, 1983.

FRANKLIN LUDDEN, Department of History of Art, with the title Professor Emeritus, effective July 1, 1983.

NORMAN O. ROTHERMICH, Department of Medicine, with the title Clinical Professor Emeritus, effective July 1, 1983.
PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

SHEILA M. GOFF, Department of Communication, with the title Associate Professor Emeritus, effective July 1, 1983.

MARY M. MILLICAN, Department of Textiles and Clothing, with the title Associate Professor Emeritus, effective July 1, 1983.

ADAH RUTH SUTTON, School of Allied Medical Professions, with the title Associate Professor Emeritus, effective July 1, 1983.

JOHN H. SEILHAMER, Office of the University Architect, with the title University Architect Emeritus, effective July 1, 1983.

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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RESOLUTIONS IN MEMORIAM

Resolution No. 83-146

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 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.

Margaret L. Helfrich

The Board of Trustees of The Ohio State University expresses sorrow upon the death on April 25, 1983, of Margaret L. Helfrich, Professor in the Department of Sociology.

Margaret Helfrich was born in Pittsburgh, Pennsylvania, December 31, 1929. She completed her high school education at Swissvale High School in Pittsburgh in 1947. She received a B.A. degree with a major in sociology from Duquesne University in 1951; her M.A. and Ph.D. from the University of Pittsburgh in sociology in 1964 and 1960, respectively. She joined The Ohio State University Department of Sociology in March 1959, as an Instructor. She was promoted to Assistant Professor in 1960, Associate Professor in 1966, and Professor in 1972.
June 9, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Margaret L. Helfrich (contd)

Dr. Helfrich won the Chi Omega Award for "outstanding woman student in sociology" while attending the University of Pittsburgh. She was the first woman to achieve Professor rank in the Department of Sociology at Ohio State.

Dr. Helfrich's major substantive areas were industrial and economic sociology, the professions, sociology of business and the sociology of art and music. She authored two monographs, The Social Role of the Executive's Wife and The Professionalization of Dental Students. She also published about 20 articles in professional journals.

Dr. Helfrich was a founding member and the chair (1964-1966) of the Committee on Industrial and Organizational Sociology in the American Sociological Association.

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.

Charles L. Howell

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 30, 1983, of Dr. Charles L. Howell, Professor and Director of Continuing Education in the College of Dentistry.

Dr. Howell received his D.D.S. degree from Indiana University in 1946. He served an internship in the United States Public Health Service from 1946-47. He was recalled to active duty in the United States Public Health Service and was discharged with the rank of Lt. Colonel in 1955. He received a M.P.H. degree from Johns Hopkins University in 1948.

He was Assistant Director, Dental Division, Indiana State Board of Health, 1953-61; Assistant Dean, Indiana University School of Dentistry, 1961-64; Dean and Professor of Public Health and Preventive Dentistry, Temple University School of Dentistry, July 1, 1964 to June 1975; Acting Vice President, Temple University Health Sciences Center, August 1970 to April 1971; Dean and Professor, The Ohio State University College of Dentistry, July 1, 1975 to June 30, 1980; Director, Continuing Dental Education, College of Dentistry, The Ohio State University July 1, 1980 to present.

He held offices in various dental organizations such as Secretary-Treasurer, American Association of Public Health Dentists; President, American Association of Public Health Dentists; Secretary, Indiana State Dental Association; and President, American Association of Dental Schools.

Dr. Howell was a member of the Academy of Stomatology, American Association of Dental Schools, American Association of Public Health Dentists, American Dental Association,
June 9, 1983 meeting, Board of Trustees

RESOLUTION IN MEMORIAM (contd)

Charles L. Howell (contd)

American Public Health Association, American Society of Dentistry for Children, International Association for Dental Research, Ohio Dental Association, Columbus Dental Society; Fellow, Academy of General Dentistry; Fellow, American College of Dentists. He was a member of Omicron Kappa Upsilon, National Honorary Dental Fraternity.

Dr. Howell conducted the first clinical studies on the effectiveness of topically applied stannous fluoride. He served as Chairman, Council on Dental Research, American Dental Association, and was a member of the Council on Dental Education, American Dental Association.

He received the Distinguished Alumnus Award for 1970 from Indiana University School of Dentistry and the Outstanding Service Award in 1973 from Temple University Dental School Alumni Society.

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.

Wynne M. Silbernagel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 5, 1983 of Wynne M. Silbernagel, Assistant Professor Emeritus in the College of Medicine - Department of Obstetrics & Gynecology.

Wynne Metcalf Silbernagel was born on May 7, 1905, in Columbus, Ohio. He was a graduate of Denison University, Granville, Ohio, from which he received the B.S. degree in biology in 1926 and Jefferson Medical College in Philadelphia from which institution he received the M.D. degree in 1930. He served an internship at St. Luke's Hospital, Cleveland, Ohio, and thereafter did clinical training in Vienna, Austria, and at White Cross Hospital, Columbus, Ohio.

Doctor Silbernagel had a long career with a practice in obstetrics and infertility in particular. He was a Diplomat of the American Board of Obstetrics & Gynecology and a Fellow of the International College of Surgeons. Locally he served as the second President of the Columbus Obstetric & Gynecologic Society of which he was a founding member.

Doctor Silbernagel first joined the faculty of the Department of Obstetrics & Gynecology of The Ohio State University as a clinical instructor in 1954 and was promoted to clinical assistant professor in 1955. During his active career he was for six years the Chairman of the Department of Obstetrics & Gynecology at White Cross Hospital and remained a member of the senior attending staff at Riverside Methodist Hospital, its successor.
June 9, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wynne M. Silbernagel (contd)

Doctor Silbernagel's interest in his field led to the publication of a dozen scientific articles and a contribution of significant time in the training of resident physicians and teaching medical students as one of the part-time faculty of this University. Upon retirement in 1975, Doctor Silbernagel was named Assistant Professor Emeritus.

Although he had been inactive due to illness in recent years, he was and will be long remembered and much loved by those whose lives he has touched.

On behalf of the University community, the Board of Trustees expresses to the family of Doctor Silbernagel its deepest sympathy.

Raymond F. Sletto

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 9, 1983 of Raymond F. Sletto, Professor Emeritus in the Department of Sociology.

Raymond Sletto was born in Gibbon, Minnesota, July 20, 1906. He received a B.S. degree from the University of Minnesota in 1926, A.M. in 1932 and Ph.D. in 1936. Post doctoral study was undertaken at Columbia (1939) and the University of Chicago (1940).

Professor Sletto's earlier academic career was accomplished at the University of Minnesota, as Instructor, 1930-36, Assistant Professor, 1937-39, Associate Professor, 1940-47. He joined The Ohio State University as a Professor of Sociology in 1947 and served as Chairman in the, then, Department of Sociology and Anthropology from 1950-1967, the longest chairmanship in the Department's history.

Professor Sletto's major interests in his chosen field were statistical methods, research design, social measurement, prediction systems, social psychology and mental health. His research career included Directorships in the Bureau of Social Research Minneapolis Council of Social Agencies (1937-38) and the Sociological Research Lab, Department of Sociology at the University of Minnesota (1945-47). He served as consultant on research to the Office of War Information, U. S. Housing Administration and American Public Health Association (1943-45) and other federal agencies.

Dr. Sletto made many important contributions to the social science literature. Among his publications were Personality and the Depression (with E. A. Rundquist) (1936) and Construction of Personality Scales by the Criterion of Internal Consistency (1937), and numerous professional articles. Dr. Sletto was active in professional and scientific societies: the American Sociological Association (chairing various committees through the years); the Ohio Valley Sociological Society; Sociological Research Association (President 1955-56); Alpha Kappa Delta; and American Statistical Association.
June 9, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Raymond F. Sletto (contd)

Professor Sletto was well known for a strong sense of duty and tenacity in its performance. He had much positive influence on the careers of many sociologists who were his advisees, students, and professionals who served in the Department during his tenure as Chairman.

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. 83-147

Synopsis: The reports on contracts, grants, and gifts and the summary for April 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 month of April 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.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR APRIL 1983

<table>
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<tr>
<th>Source</th>
<th>No. of Projects</th>
<th>Support Level</th>
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<td>The Ohio State University Research Foundation</td>
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<td>Engineering Experiment Station</td>
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<td>Ohio Agricultural Research and Development Center</td>
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The Ohio State University Development Fund

Establishment of Named Funds

- The Durr Memorial Research Fund for Poultry Science
  (Department of Poultry Science) $152,000.00
- The Carl M. Bohner Memorial Fund
  (College of Engineering - scholarships) $111,000.00
- The Helen P. Alkire Scholarship Fund
  (Department of Dance) $15,000.00
- The Ruth and LeRoy Bradford Fund
  (Scholarships - football or basketball squads) $11,000.00
- Mary S. Wright Scholarship Fund
  (Scholarships) $10,000.00
- Biological Sciences Student Activities Fund
  (Activities - College of Biological Sciences) $8,000.00
- The Phi Kappa Phi OSU Chapter Scholarship Fund
  (Undergraduate scholarships) $7,500.00
June 9, 1983 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1983 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Ralph H. Grimshaw Award
(Department of Animal Science) $ 6,991.00

The R. C. Miller Agricultural Engineering Student Award Fund
(Award - Department of Agricultural Engineering) $ 5,534.00

Ohio Biological Survey Endowment Fund
(Publishing, research, and service programs) $ 5,000.00

The Rosemarie Sena Endowed Scholarship Fund
(Undergraduate scholarships - College of Humanities) $ 5,000.00

Report from Presidents Club

Members to date 4,591
1983 members: year to date 43
New members - April 1983 11

New Presidents Club Members - April 1983

Nancy L. Alt                   Michael A. Greenberg
Glenn D. Eckfeld              James A. Neidhart
Wesley J. Johnston            Gerald S. Office, Jr.
William J. Fanning            Charles E. Perotti
Stuart A. Gold                Russell E. Ramser, Jr.
Geri Greenberg (Mrs. Michael)
June 9, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - April 1983

Federal Research Contracts/Grants


$346,986.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D. C., Individualized Materials for Seven Less Commonly Taught Slavic and East European Languages, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 March 1983 through 31 October 1984. (Project 763478 - New)

$269,047.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stochastic Fourier Transform Ion Cyclotron Resonance Mass Spectrometry, Department of Chemistry (A. G. Marshall), 1 April 1983 through 31 March 1984. (Project 763504 - New)

$197,188.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowships Program - Slavic and East European Studies, Department of Slavic and East European Languages and Literatures (L. I. Twarog) and Graduate School Administration (J. B. LaPidus), 15 August 1983 through 14 August 1984. (Project 763534 - Continuation)

$134,967.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowship Program - East Asia, Graduate School Administration (J. B. LaPidus), University Center for International Studies (J. S. Adams) and Department of Anthropology (C. Chen), 15 August 1983 through 14 August 1984. (Project 763533 - Continuation)

$123,774.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, The Immune Complex Mediated Glomerulopathies, Department of Medicine (L. A. Herbert), 1 April 1983 through 31 March 1984. (Project 761786 - Continuation)

$99,462.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowships Program - Middle East Studies, Graduate School Administration (J. B. LaPidus), University Center for International Studies (J. S. Adams) and Department of History (S. F. Dale), 15 August 1983 through 14 August 1984. (Project 763536 - Continuation)
June 9, 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)

$94,440.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1983 through 31 July 1984. (Project 762803 - Continuation)

$92,606.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Unsaturated Fatty Acids, Prostaglandins and Diabetes, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1983 through 31 March 1984. (Project 760745 - Continuation)

$92,171.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Molecular Biology of Organellar Translocation, Department of Microbiology (B. R. Oakley), 1 April 1983 through 31 March 1984. (Project 763502 - New)

$91,624.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Project Transition, Academic Faculty of Exceptional Children and School of Health, Physical Education, and Recreation (P. Jansma) and School of Health, Physical Education, and Recreation (W. F. Ersing), 1 July 1983 through 31 August 1984. (Project 763505 - New)

$91,489.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb and D. E. Schumm), 1 April 1983 through 31 March 1984. (Project 760063 - Continuation)

$88,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Fundamental Studies of High-Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1983 through 30 April 1984. (Project 761619 - Continuation)

$86,411.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institutes, 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)

$85,932.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Bio-transformation of m-AMSA and Related Analogues, College of Pharmacy (L. Malspeis), 1 April 1983 through 31 March 1984. (Project 762091 - Continuation)
June 9, 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)

$84,100.00 - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 April 1983 through 31 March 1984. (Project 761528 - Continuation)

$83,237.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Diazo, Triazeno, and Novel Heterocyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1983 through 31 March 1984. (Project 762793 - Continuation)

$70,411.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis Studies in Anthracycline Chemistry, Department of Chemistry (J. S. Swenson), 1 April 1983 through 31 March 1984. (Project 761021 - Continuation)

$70,324.00 - 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 Clinical Sciences (G. F. Hoffsis), and Department of Veterinary Pathobiology (C. C. Capen), 1 March 1983 through 30 September 1983. (Project 762621 - Continuation)

$69,471.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (R. Glaser), 1 April 1983 through 31 March 1984. (Project 762623 - Continuation)


$64,035.00 - National Science Foundation, Washington, D. C., Competition, Predation, and the Relative Abundance of Sunfishes, Department of Zoology (R. A. Stein and G. G. Mittelbach), 1 May 1983 through 30 April 1985. (Project 762677 - Continuation)

$59,948.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, A Study of Internal and Distributed Damping for Vibrating Turbomachinery Blades, Department of Engineering Mechanics (A. W. Leissa), 15 April 1983 through 14 April 1984. (Project 763518 - New)

$48,420.00 - 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 1983 through 30 April 1984. (Project 763527 - New)
June 9, 1983 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants

$47,000.00 · Department of Housing and Urban Development, Washington, D. C., Indefinite Quantity Contract for Housing Finance Research, Academic Faculty of Finance (R. L. Racster), 31 March 1983 through 31 March 1984. (Project 763508 - New)

$46,000.00 · National Science Foundation, Washington, D. C., Diffractive Spectro-electrochemistry, Department of Chemistry (R. L. McCreery), 1 April 1983 through 31 March 1984. (Project 763063 - Continuation)

$45,618.00 · 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 1983 through 31 May 1984. (Project 760056 - Continuation)

$42,385.00 · Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Cellular PD and Ion Activities in Renal Proximal Tubules, Department of Physiology (B. A. Biagi). 1 April 1983 through 31 March 1984. (Project 763050 - Continuation)

$37,000.00 · 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 1983 through 30 June 1984. (Project 761054 - Continuation)

$36,000.00 · Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1982 through 30 November 1983. (Project 760022 - Continuation)

$25,000.00 · Department of the Navy, Naval Weapons Center, China Lake, California, Mathematical Models to Predict the Near Field and Far Field RF Characteristics of Realistic Jet Intakes, Department of Electrical Engineering, Electro-Science Laboratory, (P. Pathak), 1 February 1983 through 31 January 1984. (Project 763530 - New)

$23,523.00 · Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Hyattsville, Maryland, Pre-Clinical to Clinical Medicine: A Transitional Curricular Component, Department of Family Medicine (L. L. Gabel), 1 July 1983 through 30 June 1984. (Project 762756 - Continuation)
June 9, 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)

$21,800.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Evaluation of Airfoil Profiles, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 April 1983 through 31 July 1983. (Project 763511 - New)


$13,800.00 - National Science Foundation, Washington, D. C., The Arithmetic of Function Fields, Department of Mathematics (D. Goss), 1 April 1983 through 31 March 1984. (Project 763515 - New)

$12,000.00 - 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 1983 through 31 March 1984. (Project 763512 - New)

$10,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Carbon Dioxide and Nitrogen Spectra at Different Temperatures and Mixing Ratios, Department of Physics (K. N. Rao), 1 March 1983 through 30 November 1983. (Project 763531 - New)

$9,609.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1983 through 31 March 1984. (Project 762776 - Continuation)

$8,954.00 - Department of the Army, Army Corps of Engineers, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery Advisory Panel to Review the Quality of Armed Services Vocational Aptitude Battery and Its Promotional Materials, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1983 through 30 September 1983. (Project 763319 - Continuation)

$8,520.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Steric Course of Nucleic Acid Methylation by Carcinogens, Department of Chemistry (H. G. Floss and T. M. Zydowsky), 24 May 1983 through 22 November 1983. (Project 763317 - Continuation)
June 9, 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)

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<th>Amount</th>
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<td>$7,182.00</td>
<td>Department of Agriculture, Forest Service, Broomall, Pennsylvania, Resident Program in Natural Resources Education for Minority Youth, School of Natural Resources (M. L. Bowman-Cowen and C. L. Shepard), 15 April 1983 through 15 October 1983. (Project 763525 - New)</td>
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<td>$2,500.00</td>
<td>Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Advances in Otitis Media: Symposium/Research Conference, Department of Otolaryngology (D. J. Lim and W. H. Saunders), 1 April 1983 through 31 March 1984. (Project 763514 - Continuation)</td>
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TOTAL - FEDERAL AWARDS $3,792,171.00

State of Ohio Research Contracts/Grants

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<td>$41,421.00</td>
<td>State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Martin Essex School for the Gifted, Academic Faculty of Exceptional Children (T. M. Stephens), 1 April 1983 through 31 March 1984. (Project 763519 - Continuation)</td>
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<td>$8,345.00</td>
<td>The Ohio Humanities Council, Columbus, Ohio, Religion in the Modern World (Conference), Division of Comparative Studies in the Humanities (M. R. Waldman), 4 December 1982 through 30 June 1983. (Project 763490 - New)</td>
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<td>$3,252.00</td>
<td>The Ohio Humanities Council, Columbus, Ohio, Conference on “Jewish Immigration to America,” College of Humanities - Administration (A. Shapiro), 5 March 1983 through 31 May 1983. (Project 763521 - New)</td>
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<td>$1,977.00</td>
<td>State of Ohio, Department of Mental Health, Office of Program Evaluation and Research, Columbus, Ohio, Social Relations, Perceived Social Competence and Conceptions of Friendship in Learning Disabled Children, Department of Psychology (F. C. Serafica and S. G. Hoyle), 1 March 1983 through 30 June 1983. (Project 763482 - New)</td>
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TOTAL - STATE OF OHIO AWARDS $54,995.00

Industrial Research Contracts/Grants

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<th>Description</th>
<th>Details</th>
</tr>
</thead>
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635
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

$81,111.00 - Pennwalt Corporation, Philadelphia, Pennsylvania, Insect Cell Culture, Department of Entomology (W. F. Hink), 1 May 1983 through 30 April 1984. (Project 762159 - Continuation)


$16,000.00 - Union Carbide Corporation, Oak Ridge, Tennessee, Study the Relationships between Fracture Mechanics and Ultrasonic Parameters of Graphnite, Department of Welding Engineering (L. Adler), 1 March 1983 through 30 September 1983. (Project 763507 - New)


$9,441.74 - Burroughs Wellcome Company, Research Triangle Park, N. C., A Study to Determine the Safety and Efficacy of Multiple Oral Doses of Rythmatine (Meobentine Sulfate) in Patients with Stable Ventricular Arrhythmias, Department of Medicine (S. F. Schaal), 1 September 1982 through 30 June 1983. (Project 763335 - Continuation)


$6,625.00 - 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 May 1982 through 31 May 1983. (Project 763181 - Continuation)

$1,561.60 - Abbott Laboratories, North Chicago, Illinois, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass and J. L. Plouffe), 1 March 1983 through 30 April 1983. (Project 763020 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)


TOTAL - INDUSTRIAL AWARDS $ 572,026.34

Other Non-Federal Research Contracts/Grants

$145,830.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 1 January 1983 through 31 December 1983. (Project 760604 - Continuation)

$50,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, John W. Galbreath Program in Birth Defects, College of Medicine - Administration (M. Tzagournis), 1 April 1983 through 31 March 1984. (Project 763526 - Continuation)

$50,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, John W. Galbreath Program in Birth Defects, College of Medicine - Administration (M. Tzagournis), 1 April 1983 through 31 March 1984. (Project 763526 - Continuation)

$50,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, John W. Galbreath Program in Birth Defects, College of Medicine - Administration (M. Tzagournis), 1 April 1983 through 31 March 1984. (Project 763526 - Continuation)

$47,155.00 - City of Columbus, Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Department of Communication (D. M. Ronchi), 1 January 1983 through 31 December 1984. (Project 760790 - Continuation)

$39,680.00 - City of Columbus, Department of Development, Columbus, Ohio, Area Commission Intern Program, Department of City and Regional Planning and School of Architecture - Administration (S. I. Gordon), 1 April 1983 through 31 March 1984. (Project 763520 - New)

$29,995.00 - 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 July 1982 through 30 June 1983. (Project 763289 - Continuation)

$29,866.00 - American Lung Association, New York, New York, Application of Monoclonal Antibodies to Legionella Pneumophila, Department of Medicine (M. F. Para), 1 July 1983 through 30 June 1985. (Project 763503 - New)

$23,550.00 - Iowa State University, Ames Laboratory, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 April 1983 through 30 September 1983. (Project 763374 - Continuation)
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

$9,329.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams), 1 January 1983 through 30 June 1983. (Project 763334 - Continuation)

$8,000.00 - Lakeland Community College, Mentor, Ohio; Triton College, River Grove, Illinois; Utah Technical College at Provo, Provo, Utah; Butler County Community College, El Dorado, Kansas, National Alliance of Postsecondary Education Institutional/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

$7,000.00 - 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 December 1982 through 30 November 1984. (Project 763513 - New)

$5,000.00 - Family Health Foundation of America, Kansas City, Missouri, Learned Alterations of the Electrogastrogram Using Operant Conditioning Methods, Department of Family Medicine (L. Vande Creek), 1 May 1983 through 30 April 1984. (Project 763522 - New)

TOTAL - OTHER NON-FEDERAL AWARDS $ 395,225.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

$64,321.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Extension No. 3 of “Evaluation of Asphalt Pavement Recycling in Ohio: A Laboratory and Field Investigation,” coordinated by Transplex and under the direction of the Department of Civil Engineering, September 3, 1982 through March 3, 1984. (529079, Ext. 3)

Industrial and Other Sponsored Research and Development

$201,401.00 - from 48 industrial sponsors for 58 development projects under the direction of seven engineering departments and research areas.
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal and State Contracts/Grants

$37,000.00 - Grants Administrative Management Office, Science and Education, U.S. Department of Agriculture, Arlington, Virginia, continued support of a study on evolution of leafhoppers and stunting pathogens with maize and its ancestors, Department of Entomology, through June 30, 1984. (Cooperative Agreement No. 81-CRCR-1-0646)

$4,500.00 - Michigan Department of Agriculture, Lansing, Michigan, support of a study to combine research and survey information on PCB contaminated silos to develop public policy relating to the safe and effective disposal of these structures, Department of Dairy Science, April 18 to July 31, 1983.

TOTAL - STATE AND FEDERAL CONTRACTS/GRANTS $41,500.00

Gifts

$10,000 from Foundation for Agronomic Research, Atlanta, GA
$8,250 from Zoecon Corporation, Palo Alto, CA
$5,750 from Chevron Chemical Company, Richmond, CA
$5,000 from Diamond Shamrock, Cleveland, OH
$5,000 from Potash & Phosphate Institute, Atlanta, GA

TOTAL - GIFTS $34,000.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Durr Memorial Research Fund for Poultry Science

The Durr Memorial Research Fund for Poultry Science was established June 9, 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 Roy M. Durr, B.S.Agr., 1926, Atlanta, Georgia.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 in the Department of Poultry Science in the College of Agriculture and Home Economics. The expenditure of funds is to be approved by the Department Chairman and the Dean of the College of Agriculture and 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 then directly responsible for the Department of Poultry Science.
Establishment of Named Funds (contd)

The Carl M. Bohner Memorial Fund

The Carl M. Bohner Memorial Fund was established June 9, 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 Carl M. Bohner, B.A., Arts and Sciences (Chemistry), 1918, Clearwater, 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 income from the fund is to be used to provide scholarships for students enrolled in the College of Engineering who have demonstrated academic ability and/or need for financial assistance.

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.

The Helen P. Alkire Scholarship Fund

The Helen P. Alkire Scholarship Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and alumni in honor of Helen P. Alkire in recognition of her distinguished leadership and service to students in the College of the Arts, Department of Dance.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 on a merit basis to one or more talented students who are or will become majors in the Department of Dance. Both undergraduate and graduate students are eligible to receive the scholarships.

Recipients will be determined by established procedures within the Department of Dance, with approval by the Chairman of the Department in consultation with the appropriate dance 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 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 dance education.
Establishment of Named Funds (contd)

The Ruth and LeRoy Bradford Fund

The Ruth and LeRoy Bradford 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 the estates of Henry LeRoy Bradford, J.D., 1914, and his wife, Ruth W. Bradford, Arts, 1919, Columbus, Ohio.

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

The annual income is to be used for scholarship awards to qualified students who are members of the football or basketball squads. Selection of the scholarship recipients is to be made by the University Scholarship Committee in consultation with the Director of Athletics. Should there not be a qualified student from the Department of Athletics in any given year or should intercollegiate athletics be abandoned at The Ohio State University, the University Scholarship Committee can then award the scholarships to worthy and qualified students at 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 purposes 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 student financial aids.

Mary S. Wright Scholarship Fund

The Mary S. Wright Scholarship Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the estate of Miss Mary S. Wright, Cincinnati, Ohio.

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

The annual income is to be used to provide scholarship assistance to deserving students who are attending the University. The Scholarship recipients may be students in any college at the University who are good students and have demonstrated financial need. The selection of the recipients is to be made upon the recommendation of the University Scholarship Committee with preference being given to those students who reside in the rural communities of 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 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.
Establishment of Named Funds (contd)

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 is authorized to utilize the principal amount of the endowment if necessary, and 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.

The Phi Kappa Phi OSU Chapter Scholarship Fund

The Phi Kappa Phi OSU Chapter Scholarship 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 The Ohio State University Chapter of the Honor Society of Phi Kappa Phi.

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.

The annual income is to be used to provide a scholarship(s) to undergraduate students at any of the campuses of The Ohio State University. The scholarship(s) are to be awarded to students exhibiting academic excellence in any baccalaureate field of study. Financial need is not to be a criterion in the selection of the recipient(s), nor is membership in Phi Kappa Phi. Selection of recipients is to be made by the University Committee on Student Financial Aids upon the recommendation of the Awards Committee of Phi Kappa Phi.

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 programs to support and encourage the academic achievement of undergraduate students.
June 9, 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 Ralph H. Grimshaw Award

The Ralph H. Grimshaw Award was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund under the leadership of The Ohio Sheep Improvement Association. The award is established to honor Ralph H. Grimshaw, B.S.Agr., 1931, (M.S. Michigan State University, 1959), Professor Emeritus, Department of Animal Science.

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

The income is to be used to provide awards to graduate students in animal science with preference given to those enrolled in or planning to enroll in a graduate program related to sheep or other ruminant animals. Also important in the selection of the award recipient(s) will be level of scholarship achievement and an interest in a career related to animal science including extension specialist, resident teacher, research, Cooperative Extension Service, livestock production, business and industry. The recipient(s) will be determined by the Animal Science Scholarship and Student Recognition Committee. One of the Committee members selecting the recipient(s) must be a faculty member responsible for a sheep program in resident instruction, extension or research. Requisitions for awards are to be approved by the Dean of the College of Agriculture and 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 animal science education.

The R. C. Miller Agricultural Engineering Student Award Fund

The R. C. Miller Agricultural Engineering Student Award 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, friends, and industry in honor of R. C. Miller, Professor Emeritus.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 an award to a Senior Agricultural Engineering Student. Selection of the recipient shall be made by the Agricultural Engineering Department Resident Instruction Committee with the approval of the Chairman of the Department of Agricultural Engineering.
Establishment of Named Funds (contd)

The R. C. Miller Agricultural Engineering Student Award 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 the College of Agriculture and Home Economics and the Department of Agricultural Engineering.

Ohio Biological Survey Endowment Fund

The Ohio Biological Survey Endowment Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and supporters of the Ohio Biological Survey.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 publishing, research, and service programs and facilities of the Ohio Biological Survey. Expenditure of the annual income is to be made upon the authorization of the Executive Director of the Ohio Biological Survey in cooperation with the Advisory Board of the Ohio Biological Survey and with the approval of the Dean of the College of Biological Sciences of The Ohio State University. Invasion of the principal amount of the endowment, if necessary, will be authorized only upon written approval of the Executive Director and the Chair of the Advisory Board of the Ohio Biological Survey and the Dean of the College of Biological Sciences of The Ohio State University.

Should the need for the 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, with preference being given to recommendations from the appropriate administrative official of The Ohio State University who then has primary responsibility for biological museums and curatorial services and/or taxonomic and organismic research.

The Rosemarie Sena Endowed Scholarship Fund

The Rosemarie Sena Endowed Scholarship Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Rosemarie Sena.
June 9, 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 Rosemarie Sena Endowed Scholarship Fund (contd)

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

The annual income is to be used for one or more scholarships for an undergraduate student(s) enrolled full time in the College of Humanities with a major course of study in English. The selection of the recipient(s) of the scholarship will be made by a committee from the Department of English in conjunction with 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 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 Department of English.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND REQUEST FOR CONSTRUCTION BIDS NUCLEAR MAGNETIC RESONANCE FACILITY

Resolution No. 83-148

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University is acquiring a nuclear magnetic resonance imaging device which will significantly enhance the University's efforts in biological and medical research; and

WHEREAS a new facility will be required to house the nuclear magnetic resonance imaging unit, and this facility must be constructed of non-magnetic materials and provide radio frequency shielding to ensure proper operation of the unit; and

WHEREAS funding for this facility will be provided from University funds:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select qualified architectural and engineering firms for this project; and
EMPLOYMENT OF ARCHITECT/ENGINEER
AND REQUEST FOR CONSTRUCTION BIDS
NUCLEAR MAGNETIC RESONANCE FACILITY (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 proceed with 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. 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
UNIVERSITY HOSPITALS, 7TH FLOOR RENOVATION
Resolution No. 83-149

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University Hospitals has requested work be continued on the renovation of University Hospitals; and

WHEREAS this work will include renovation of the center and west sections of the seventh floor of University Hospitals to upgrade the patient-care facilities to meet present code requirements and medical criteria; and

WHEREAS funding for this work will be provided from University Hospital funds:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to proceed to select a qualified architectural firm for this project in conjunction with the Department of Administrative Services and that the fees for this architectural 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 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. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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June 9, 1983 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS**

Resolution No. 83-150

**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:

**SAWTOOTH REPLACEMENT, PHASE II**

Project: Demolition of the sixty-year-old portion of McPherson Chemistry Laboratory (Sawtooth) and construction of a new four-story facility for Chemistry. The demolition is planned to be completed in August, 1983; construction bids are anticipated in September, 1983; construction is to start in November, 1983, with completion of the work by October, 1985.

Funding: Amended Substitute House Bill 552

Estimated Project Cost: $15,600,000.00

**TOWNSHSEND HALL RENOVATION**

Project: This remodeling work will improve classrooms, accommodate the Department of Psychology and improve access for the handicapped. The total building will be renovated. The bids are expected to be received in July, 1983; construction anticipated to start in September, 1983, with completion of the work by November, 1984.

Funding: Amended Substitute House Bill 552, Utilities and Renovation

Estimated Project Cost: $3,144,000.00

**RECREATIONAL FIELD, SOUTH OF OHIO STADIUM**

Project: Regrading and drainage of the area south of the Ohio Stadium and west of Larkins Hall for multiple purpose recreational use and sports events.

Funding: Account 882047, Local University Funds

Estimated Project Cost: $275,000.00
June 9, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HEALTH CENTER STORM SEWER AND PERRY STREET IMPROVEMENTS

Project: Installation of new storm sewer to relieve the flooding conditions at Rhodes Hall emergency entrance and installation of new curbs, walks, and resurfacing of Perry Street after sewer construction is completed.

Funding: H.B. 552, Utilities and Renovation - $141,058.00 and Local University Funds $33,000.00.

Estimated Project Cost: $174,058.00

COLLEGE ROAD, BUS PULLOUTS

Project: Construction of three bus pullout areas to provide bus stops clear of vehicular traffic.

Funding: Account 210134, Contract Repair

Estimated Project Cost: $80,000.00

CAMPUS ENTRANCE RENOVATIONS
TUTTLE PARK PLACE AND LANE AVENUE
KING AVENUE AND CANNON DRIVE

Project: Paving, lighting, and construction of limestone entrance wall panels with the University logo to enhance the identification of these areas as entrances to the campus and to improve traffic flow and security at these entrances.

Funding: Account 885200

Estimated Project Cost: $76,500.00

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

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June 9, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS
Resolution No. 83-151

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:

EVANS LABORATORY
AIR CONDITION AND VENTILATION SYSTEM

Description: This project will provide air conditioning and ventilating systems in Evans Laboratory, which houses the Department of Chemistry, to meet existing codes and environmental standards.

General Contract

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<th>April 29, 1983</th>
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<td>No. of Bids:</td>
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<tr>
<td>Low Bid:</td>
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<tr>
<td>High Bid:</td>
<td>$ 278,500.00</td>
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<tr>
<td>Estimate of Cost:</td>
<td>$ 155,520.00</td>
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<td>Awarded to:</td>
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Plumbing Contract

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<tr>
<td>Low Bid:</td>
<td>$ 19,996.00</td>
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<tr>
<td>High Bid:</td>
<td>$ 28,000.00</td>
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<tr>
<td>Estimate of Cost:</td>
<td>$ 34,400.00</td>
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<tr>
<td>Awarded to:</td>
<td>J. A. Croson, Columbus, Ohio</td>
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June 9, 1983 meeting, Board of Trustees

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

EVANS LABORATORY
AIR CONDITION AND VENTILATION SYSTEM (contd)

HVAC Contract

Date Received: April 29, 1983
No. of Bids: 6
Low Bid: $798,000.00*
High Bid: $962,000.00*
Estimate of Cost: $665,000.00*
Awarded to: Farber Corporation, Columbus, Ohio

Electric Contract

Date Received: April 29, 1983
No. of Bids: 7
Low Bid: $139,670.00
High Bid: $174,680.00
Estimate of Cost: $175,080.00
Awarded to: Royal Electric Construction, Columbus, Ohio

Total All Contracts: $1,092,556.00*
Total Contingency Allowance: $47,552.74 (which is 4 per cent of construction costs)
Total Project Cost: $1,276,081.76*
Funding: HB 552 - U & R

*Recommended alternate reflected in this figure.
REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MOLLY CAREN AGRICULTURAL CENTER - FARM SCIENCE REVIEW SITE
ELECTRICAL DISTRIBUTION SYSTEM

Description: This project will provide electric service for the Farm Science Review operation through the installation of a primary and secondary electrical distribution system.

Electrical Contract

Date Received: April 5, 1983
No. of Bids: 8
Low Bid: $219,975.00*
High Bid: $292,950.00*
Estimate of Cost: $340,500.00*
Awarded to: Certified Electric, Dayton, Ohio

Total Contract: $219,975.00
Total Contingency Allowance: $18,343.67 (which is 8 per cent of construction costs)
Total Project Cost: $242,000.00
Funding: Budget Account 885196

CHILD DEVELOPMENT LABORATORY

Description: This project includes the remodeling or reconfiguration of various rooms located in Campbell Hall to make space more efficient and reassignment of existing outdoor courtyard areas into outdoor play areas.

General Contract

Date Received: March 25, 1983
No. of Bids: 2
Low Bid: $60,420.00*
High Bid: $77,350.00*
Estimate of Cost: $64,061.00*
Awarded to: Garnett Potter, Columbus, Ohio

*Recommended alternates reflected in these figures.
June 9, 1983 meeting, Board of Trustees

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

CHILD DEVELOPMENT LABORATORY (contd)

Plumbing Contract

Date Received: March 25, 1983
No. of Bids: 1
Bid: $ 18,633.00
Estimate of Cost: $ 18,776.00
Awarded to: Edmonds Mechanical Contractor, Inc., Dayton, Ohio

HVAC Contract

Date Received: March 25, 1983
No. of Bids: 1
Bid: $ 18,830.00*
Estimate of Cost: $ 15,155.00*
Awarded to: Edmonds Mechanical Contractor, Inc., Dayton, Ohio

Electrical Contract

Date Received: March 25, 1983
No. of Bids: 2
Low Bid: $ 20,561.00*
High Bid: $ 23,000.00*
Estimate of Cost: $ 19,928.00*
Awarded to: J & L Electric Co., Grove City, Ohio

Total All Contracts: $118,444.00*
Total Contingency Allowance: $ 6,500.00 (which is 5 per cent of construction costs)
Total Project Cost: $156,834.01
Funding: Amended Substitute House Bill 552 and local University funds

*Recommended alternates reflected in these figures.
June 9, 1983 meeting, Board of Trustees

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

NEWARK CAMPUS - FOUNDERS HALL
REPLACE FRONT STEPS AND HANDICAP RAMP

Description: Due to deterioration of the front entry steps this project is necessary to replace the front steps and add a handicap ramp entrance to Founders Hall.

General Contract

Date Received: April 13, 1983
No. of Bids: 8
Low Bid: $ 69,400.00*
High Bid: $ 96,025.00*
Estimate of Cost: $ 95,700.00*
Awarded to: E. Mast & Sons Construction, Zanesville, Ohio

Total Contract: $ 69,400.00*
Total Contingency Allowance: $ 9,716.76 (which is 14 per cent of construction costs)
Total Project Cost: $ 94,705.00*
Funding: HB 552 Branch Campus U & R

*Recommended alternates reflected in this figure.

WOODRUFF AVENUE - REPAIR AND RESURFACE
NEIL AVENUE TO HIGH STREET

Description: To repair damaged areas of Woodruff Avenue, from Neil Avenue to High Street, and install an asphalt overlay. This is the final phase of the Woodruff Avenue sidewalk, curb, and road repairs.

General Contract

Date Received: April 20, 1983
No. of Bids: 6
Low Bid: $ 45,814.00
High Bid: $ 62,850.00
Estimate of Cost: $ 56,800.00
Awarded to: Gaddis & Sons, Columbus, Ohio

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June 9, 1983 meeting, Board of Trustees

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

WOODRUFF AVENUE - REPAIR AND RESURFACE
NEIL AVENUE TO HIGH STREET (contd)

Total Contract: $ 45,814.00
Total Contingency Allowance: $ 3,665.52 (which is 8 per cent of construction costs)
Total Project Cost: $ 51,233.00
Funding: B/A 210134 (Local)

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. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EXPENDITURE AUTHORIZATION 1983-84
Resolution No. 83-152

Synopsis: Authorization to make interim expenditures in Fiscal Year 1983-84 is requested.

WHEREAS levels of State financial support for 1983-84 have not yet been established; and
WHEREAS this University must proceed with its budget planning for 1983-84 even with the current uncertainties in State revenues; and
WHEREAS it is necessary to authorize expenditures for 1983-84 to be effective July 1, 1983, including payment of faculty and staff, prior to the time that this Board adopts the Current Funds Budget for 1983-84:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with the budget guidelines and the Tentative University Current Funds Budget for Fiscal Year 1983-84, as described in the accompanying text and tables, effective July 1, 1983; and
BE IT FURTHER RESOLVED, That the President will present as soon as possible to the Board of Trustees the final version of the Current Funds Budget for 1983-84 with adjustments as may be necessary as a result of the final actions of the General Assembly and Governor of the State of Ohio.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.
STATEMENT OF BUDGET GUIDELINES/PRINCIPLES FOR 1983-84

I. Introduction

The Ohio State University budget guidelines, along with a tentative budget for 1983-84, are again being recommended to this Board of Trustees before State funding levels are known. This is the third year in a row that a tentative budget has had to be presented for Board approval. While reluctant to request the Board to consider another preliminary budget, the lack of a final State appropriations bill for the coming biennium, coupled with the need for the University to have a budget in place by July 1, 1983, has forced us to proceed.

As reported previously to the members of this Board, the University has been in the difficult position of having to cut budgets four times during the 1981-83 biennium, as a result of shortfalls in State revenues. These excessive budget reductions have created uncertainties and significant hardships throughout all areas of the University. We remain concerned that State funding in support of higher education be appropriated at a level which will allow the University to avoid further deep budget cuts or excessive student fee increases, especially in the second year of the 1983-85 biennium.

Recent actions by the Ohio House of Representatives have resulted in an additional $75 million in State support for higher education over the Governor's original recommendation; but this level of funding for 1983-84 in House Bill 291 still remains some $6.0 million below Ohio State's original appropriation of the current fiscal year. University efforts in the Senate continue to be directed toward achieving the amount of State support for higher education recommended by the Board of Regents. If successful, this would add another $138 million for higher education in Ohio. However, since the Senate has not yet voted, we have been forced to develop 1983-84 budget plans using the inadequate funding levels in House Bill 291.

The Regents' recommended State support would enable Ohio State to make significant progress in restoring budget stability over the biennium. This University would be able to enhance efforts to hold down the rates of future increases in student fees to preserve the University's land-grant mission of accessibility, and to make progress in reducing Ohio State's fee ranking in the Big Ten. Most importantly, this added support would contribute significantly to returning the average percentage of college costs which Ohio students—and their parents—must bear from the current 47 percent to the traditional 33 percent level which existed in 1979.

Added State support also is needed to enable Ohio State to begin restoration of appropriate funding to those areas of excellence and potential excellence which contribute so significantly to this University's longstanding tradition of high academic quality. Through well-established internal processes of regular program review, Ohio State continues to identify areas of particular strength, as well as areas with the potential to move from solid quality over the threshold of significant excellence. The members of the University Fiscal Advisory Committee have expressed their concern that the tentative budget recommendation lacks the resources to make significant progress in this regard. While special efforts have been made to reallocate funds for meeting these needs, the instructional subsidies in House Bill 291 are simply inadequate to enable such areas to make progress toward achieving their potential.
June 9, 1983 meeting, Board of Trustees

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES FOR 1983-84 (contd)

In consultation with the University Fiscal Advisory Committee, deans, and vice presidents, this tentative budget recommendation continues the philosophies initiated over the past year. We are committed to emphasizing three key areas: the stability needed for long-term planning; the preservation of Ohio State's great land-grant tradition of accessibility and equal opportunity; and the maintenance and strengthening of excellence through continued attention to faculty and staff salaries as well as equipment and library resources. Since excellence in a University is dependent upon the quality of the faculty and staff, the primary emphasis will be to remain competitive with other outstanding institutions of higher education, even at the cost of further budget reallocations.

Until a State budget bill is in place, it is recommended that this Board authorize the University to begin the fiscal year within the parameters set forth in this Tentative Current Funds Budget for 1983-84 (Schedule A). Once State budget actions are taken in the legislature and approved by the Governor, a final 1983-84 Current Funds Budget will be recommended. We anticipate this will occur at this Board’s July meeting.

II. Sources of Funds

The Tentative Current Funds Budget for 1983-84 includes funding sources which total $709,970,000, using projected revenues from House Bill 291. This level of State support is $6,360,000 below the amount originally appropriated to The Ohio State University for the 1982-83 fiscal year. While previous budget cuts absorbed by this University will enable us to bring to this Board a balanced budget for 1983-84 once a final budget bill is enacted, the inadequate levels of support included in House Bill 291 will adversely affect the expenditure and student tuition levels for the second year of the biennium. This is especially true for the Regional Campuses.

This University remains committed to keeping student tuition and fees at the lowest possible levels to maintain accessibility. Therefore, the average increase in student fees used in this Tentative Budget is 7 percent, effective Autumn Quarter, 1983. While the Governor’s budget was based upon a 12 percent student fee increase, extra cost-cutting efforts within the University, as well as the added instructional subsidies included in the House budget bill, have allowed us to limit this planned tuition increase to 7 percent.

In addition to higher tuition, students face price increases in such other areas as residence halls, health insurance, parking and extracurricular activities. Therefore, continuing the practice initiated last year, increases in normal charges assessed by the University have been limited to a combined average of no more than 7 percent. The tentative budget has been constructed within the 7 percent average rate increase for all University services.

Considering the current uncertainties in State revenues, every effort has been made to create a budget plan which will allow this University to return to budget stability for the entire fiscal year. However, further adverse actions may be necessary for the second year of the biennium if the State funding levels in House Bill 291 are not increased.
III. Uses of Funds

The planned expenditures for Fiscal Year 1983-84 will enable this University to implement the following budget planning guidelines.

* Increase faculty and administrative/professional salaries by an average of 3 percent across-the-board and 4 percent for merit.

* Provide classified personnel with appropriate step and longevity increases.

* Provide an allowance of 1 percent as a supplemental allocation for special adjustments for designated faculty and administrative/professional staff.

* Increase general expense budgets by 8 percent for colleges and offices, plus provide a special catch-up increase of 12 percent for continuing equipment budgets.

* Provide special allocation of $238,000 to maintain the purchasing power of University-funded student financial aid support and a $4.5 million emergency fund to meet critical needs with emphasis on maintaining quality, providing adequate instructional staff, and supporting accessibility.

* Provide resources to meet mandatory General Fund cost increases, such as utilities ($1.2 million) and employee benefits ($1.3 million).

This budget plan for 1983-84 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 will total $2.5 million, of which a contingency fund of $500,000 has been set aside to assist areas for which such a reallocation would create extraordinary hardships.

Every effort will be made to continue to provide one-time funds for equipment and library acquisitions to maintain this University's progress in the replacement and improvement of these necessary support resources. If State funding is adequate, the budget target is to provide $7 million in one-time equipment and library funds for 1983-84.

While we applaud the stated goal of the Governor to stabilize State budgets, it is necessary to consider both years of the 1983-85 biennium in budget planning activities for this University. The level of State support currently provided in House Bill 291 creates potentially serious funding problems for the second year (1984-85) of the biennium. Therefore, without additional State funding, either further expenditure reductions will need to be implemented prior to the end of 1983-84 to provide carry-forward resources for the next fiscal year or next year's expenditures and student fee rates will need to be adversely adjusted to accommodate to the funding levels provided in House Bill 291.

If the amount of State support has been determined prior to this Board's July meeting, the final 1983-84 Current Funds Budget will be then recommended for Board action. Until that time, we recommend that expenditures be maintained at continuation levels based upon the planning guidelines included in this tentative budget.
June 9, 1983 meeting, Board of Trustees

Schedule A
THE OHIO STATE UNIVERSITY
1983-84 TENTATIVE CURRENT FUNDS BUDGET

SOURCES OF INCOME

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<th>Source</th>
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<td>Federal</td>
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<td>Other Governmental</td>
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<td>Student Fees</td>
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<td>Instruction, General &amp; Tuition</td>
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<td>Endowment Income</td>
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<td>Other</td>
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<td>Student Instructional Fees</td>
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<td>All Other</td>
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<td><strong>TOTAL REGIONAL CAMPUSES</strong></td>
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<td><strong>GRAND TOTAL - INCOME</strong></td>
<td>$709,970,000</td>
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June 9, 1983 meeting, Board of Trustees

Schedule A
THE OHIO STATE UNIVERSITY
1983-84 TENTATIVE CURRENT FUNDS BUDGET (contd)

BUDGETED USES

Columbus Campus
Educational and General Expenditures $440,300,000
Auxiliaries 62,383,000
Hospital 165,269,000
Mandatory Transfers 4,013,000
Contingency for 1984-85 8,500,000

TOTAL COLUMBUS CAMPUS $680,465,000

Regional Campuses
ATI $3,984,000
Lima 2,631,000
Mansfield 3,066,000
Marion 2,123,000
Newark 2,589,000

TOTAL REGIONAL CAMPUSES $14,393,000

OARDC $22,750,000

GRAND TOTAL - USES $717,608,000

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RETIREMENT CONTRIBUTION "PICK UP"
Resolution No. 83-153

Synopsis: "Pick up" of the employee contribution to the retirement systems is proposed.

WHEREAS under current statutes it is possible for state institutions, including The Ohio State University, to “pick up” (remit) the employees's share of the required contribution to the state retirement systems; and

WHEREAS under the proposed “pick up” plan, the faculty/staff member's annual salary shall be defined as consisting of (1) a cash salary; and (2) a deferred salary (i.e., the 8.5 percent retirement contribution) which will be remitted by the University on behalf of each faculty/staff member directly to the appropriate retirement system; and

WHEREAS the faculty/staff member's retirement contribution will then not be included as gross income for federal and state income tax purposes until distribution of the benefit at retirement or withdrawal after termination of employment; and
June 9, 1983 meeting, Board of Trustees

RETIREMENT CONTRIBUTION “PICK UP” (contd)

WHEREAS the faculty/staff member will pay federal and state taxes based on gross salary excluding the 8.5 percent retirement contributions; and

WHEREAS it is the general consensus of the University administration and faculty and staff members, including the Faculty Compensation and Benefits Committee, that implementation of such a “pick up” plan would substantially benefit University faculty and staff:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Personnel Services shall take the necessary steps to implement the “pick up” of employee contributions to STRS and PERS, and that the “pick up” shall be applicable to all persons who contribute to either of the aforementioned retirement systems; and

BE IT FURTHER RESOLVED, That in accordance with applicable statutes individual faculty/staff members shall not have the option of receiving the contributions directly instead of having such contributions paid by the University to the retirement systems.

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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EXPRESSION OF APPRECIATION TO D. WAYNE ASHBY, JR.

Resolution No. 83-154

WHEREAS Mr. D. Wayne Ashby is completing a two-year term of office as president of The Ohio State University Alumni Association; and

WHEREAS Mr. Ashby has also served the Alumni Association for two two-year terms as treasurer, and was the Alumni representative of The Ohio State University Presidential Search Committee in 1981; and

WHEREAS during Mr. Ashby’s term of office, The Ohio State University Alumni Association reached its highest total membership of 87,500; and

WHEREAS Wayne Ashby’s commitment to and support of the University and its missions have been manifested over the years in numerous other ways:

NOW THEREFORE

BE IT RESOLVED, That D. Wayne Ashby’s service as president of the Alumni Association be recognized by this Board as being an effort of exceptional merit and commitment; and

BE IT FURTHER RESOLVED, That the Board’s thanks and deep appreciation be conveyed to Mr. Ashby for his outstanding contribution and dedicated support of this University.

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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June 9, 1983 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO WILLIAM E. MacDONALD
Resolution No. 83-155

WHEREAS William E. MacDonald has served with exceptional distinction and merit for two years as Chairman of The Ohio State University Development Fund Board of Directors; and

WHEREAS Mr. MacDonald’s service, commitment and material contributions to the University are exemplified in numerous other ways, particularly his active involvement in the alumni activities of the College of Administrative Science; and

WHEREAS his association with the University and its various activities has resulted in greatly enhanced ties among the institution, the students and graduates, and the business community at large; and

WHEREAS under the chairmanship of Mr. MacDonald the Development Fund has gone through one of its most dynamic periods of growth and the development of responsive new programs:

NOW THEREFORE

BE IT RESOLVED, That this Board salutes William E. MacDonald upon completion of his service as Chairman of the Development Fund Board of Directors, and conveys to him the deep gratitude and appreciation of the Board of Trustees for his extraordinary dedication to that effort; and

BE IT FURTHER RESOLVED, That this Board anticipates a continued close association with Mr. MacDonald in the years ahead and recognizes that it is loyal alumni, friends and benefactors such as himself who are, from outside of the institution, the major strength and foundation of quality for The Ohio State University.

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

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REPORT - UNIVERSITY’S INVESTMENT PORTFOLIO
Resolution No. 83-156

RESOLVED, That the report on the University’s Investment Portfolio, dated May 20, 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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Dr. Jacob read the following letter which he received.

June 9, 1983

Dr. John D. Jacob
Chairman
Board of Trustees
113 Archer House
2130 Neil Avenue
CAMPUS

Dear Dr. Jacob:

The Steering Committee of the University Senate, acting on behalf of the constituent members of the University Senate, have this date adopted the following resolution:

In light of his devoted service to the University, his leadership, and his outstanding performance during the past academic year, be it hereby resolved that the University Senate Steering Committee send to the Board of Trustees of The Ohio State University a statement of appreciation and commendation on behalf of President Edward H. Jennings.

Respectfully submitted,

University Senate Steering Committee:

Herb B. Asher
Deborah Cassidy
Phillip Elmo
Richard F. Firestone
John B. Gabel
Joan E. Gritzmacher
Diether H. Haenicke
Vincent V. Hamparian
Weldon E. Ihrig
James E. Meeks
Mildred B. Munday
Colleen O'Brien
William M. Protheroe
Todd A. Shaver

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June 9, 1983 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 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
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