

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

COLUMBUS

July 1, 1976 to June 30, 1977

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1976-77

THE OHIO STATE UNIVERSITY

HAROLD L. ENARSON, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
JOHN H. DUNLAP, Williamsport	May 14, 1968	May 13, 1977
M. MERLE HARROD, Wapakoneta	September 2, 1969	May 13, 1978
JOHN L. GUSHMAN, Lancaster	December 11, 1970	May 13, 1979
HOWARD D. SIRAK, Columbus	May 19, 1971	May 13, 1980
PATRICIA D. JAMES, Cleveland	July 18, 1972	May 13, 1981
CHESTER DEVENOW, Toledo	May 14, 1973	May 13, 1982
WARREN J SMITH, Columbus	January 6, 1975	May 13, 1983
JOHN D. JACOB, Worthington	May 14, 1975	May 13, 1984
DONALD J. HILLIKER, Bellefontaine	May 14, 1976	May 13, 1985
JOHN F. HAVENS, Delaware	May 14, 1977	May 13, 1986

OFFICERS

M. MERLE HARROD, *Chairman*
JOHN L. GUSHMAN, *Vice Chairman*
EDWARD Q. MOULTON, *Secretary*
ERNEST W. LEGGETT, *Treasurer*

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETEENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 9, 1976

The Board of Trustees met at its regular monthly meeting on Friday, July 9, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: M. Merle Harrod, Chairman, John H. Dunlap, John L. Gushman, Howard D. Sirak, Patricia D. James, Chester Devenow, Warren J. Smith, John D. Jacob, and Donald J. Hilliker.

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Minutes of the last meeting were approved.

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July 9, 1976 meeting, Board of Trustees

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COMMITTEE FOR 1976-1977

Mr. Harrod, Chairman, made the following statement:

I would like to announce the appointment of an additional standing committee to be known as the Personnel Committee. The function of the Committee will be to review personnel matters relating to central administration, specifically including the President of the University.

The Committee will be made up of persons representing the following officers of the Board:

Immediate Past Chairman Vice Chairman Current Chairman
with Current Chairman serving as Chairman of the Committee

Current Members

M. Merle Harrod, Chairman John H. Dunlap John L. Gushman

I would entertain a motion to this effect.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 77-1

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

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.

John S. Camiscioni, Instructor, Department of Anatomy; 10 years of service

Forest G. Hall, County Extension Agent, Emeritus, Cooperative Extension Service;
26 years of service

Louis Nemzer, Professor, Department of Political Science; 28 years of service

July 9, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Harold F. Thayer, County Extension Agent, Emeritus, Cooperative Extension Service; 32 years of service

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

John S. Camiscioni

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 19, 1976, of John S. Camiscioni, Instructor in the Department of Anatomy and Research Associate in the Division of Research and Evaluation in Medical Education.

John S. Camiscioni was born January 12, 1928. His dedication and conscientious effort in the College of Medicine was surpassed by few. He joined the Division of Research and Evaluation in Medical Education in 1966, as a Research Associate, and became an Assistant Division Director in 1972. He also held a faculty appointment as an Instructor in the Department of Anatomy. Before joining the College of Medicine, John was a supervisor and test researcher with the Ohio State Bureau of Employment Services, Testing Division in Columbus, from 1958 to 1966. A highly diversified individual, he spent six years with North American Aviation, Inc., as an employment interviewer and a year with Battelle Memorial Institute as a laboratory technician. He earned two degrees at The Ohio State University; a B.A. in psychology in 1950 and a M.A. in educational research in 1968.

John S. Camiscioni was a highly valued and esteemed member of the Division of Research and Evaluation in Medical Education. He was recognized by faculty, staff, and students for his dedication to research and curriculum development and his deep faith in the College as an institution for providing excellence in training young physicians. There is no doubt that this man has had an impact on the lives of all who have been fortunate enough to know and work with him. He served the College as a resource person with a competence in research design and analysis that will be most difficult to match. A number of committees on which he served, benefited greatly from his endless energy for the task at hand. John never stopped short of excellence in all his endeavors. An active participant in authoring several research proposals, John Camiscioni made significant contributions in the area of medical curriculum development. He spent an exhaustive number of hours in the proposal development and research implementation of the Independent Study Program, Clinical Clerkship Grant, and most recently the Department of Family Medicine proposal to develop a resident training program.

July 9, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John S. Camiscioni (contd)

Mr. Camiscioni possessed the rare gift of liking everything about his work. John had an amazing capacity for detail and was meticulously careful of the interpretation of data, as well as the feelings of his friends and colleagues. In addition to missing his often sought and respected counsel in matters of research, many people were blessed by the presence of John in our everyday lives, and we shall miss him for his practical insights and positive reflections. Those who came to know him will not forget his beautiful sense of humor and quick wit.

On behalf of the University, the Board of Trustees expresses to the family of John S. Camiscioni its deepest sympathy. It is 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 sympathy and respect.

Forest G. Hall

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 28, 1976, of Forest G. Hall, County Extension Agent, Emeritus, Cooperative Extension Service.

Mr. Hall was born July 14, 1889, in Pullman, West Virginia. He attended Fairmont Normal School, graduating in 1913 after having taught elementary school from 1905 to 1910 in West Virginia. He received his Bachelor of Science in Agriculture Degree in 1917 from West Virginia State University. Mr. Hall was a West Virginia County Extension Agent from 1917 to 1923. In 1923 he joined the faculty of The Ohio State University as County Extension Agent, Agriculture, in Clinton County where he worked until 1928. From 1928 to 1933 he was employed in research with the Potash Institute. On January 1, 1934, Mr. Hall became County Extension Agent, Agriculture, in Hancock County from which position he retired on April 30, 1956.

Mr. Hall served the citizens of Ohio as a faculty member of The Ohio State University for over 26 years. Throughout his career he was dedicated and highly respected as an agricultural educator and leader. He was well known and respected by his peers on the Extension faculty throughout the State. His quiet and effective leadership and outstanding contributions to the agricultural industry will long be remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Hall its deepest sympathy. It is directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Hall as sincere appreciation of the Board's realization of the loss that the family, University and his many friends and associates have sustained.

July 9, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Louis Nemzer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death May 27, 1976, of Louis Nemzer, Professor in the Department of Political Science.

Louis Nemzer, a respected scholar in the field of Soviet Studies, was born in New York City on August 15, 1913, and received his undergraduate education at the University of California at Los Angeles in 1936. He was awarded his Master's degree by that university in 1937 and achieved his Ph.D. at the University of Chicago in 1947. In addition to his academic degrees Professor Nemzer was several times honored by the award of important fellowships. He was two times a Fellow of the Social Science Research Council; he was a Research Fellow at the Russian Center of Harvard University. He was a Fellow of the Mershon Center of The Ohio State University; and he was a recipient of an Inter-university Fellowship for study in the Soviet Union.

At the outbreak of the second World War, Nemzer put his scholarly competence into government service. In 1940 he went to work in the War Communications Section of the Library of Congress where he helped perfect Content Analysis, an important research tool now used by scholars and diplomats world-wide. In 1941, he moved to the War Policies Division of the Department of Justice; and in 1947 he became Branch Chief of the Office for Research and Intelligence of the Department of State.

In 1948 Professor Nemzer joined the Department of Political Science at The Ohio State University and he brought with him a dedication to excellence in teaching that was to enrich this University for twenty-eight years. In recognition of his achievements in teaching, he was appointed Field Director of the International School of America in 1966; and in 1967 he was recipient of the Distinguished Teaching Award of the College of the Arts and Sciences of The Ohio State University.

Professor Nemzer was deeply committed to this University and to the ideal of faculty service in its governance. He was President of the Ohio State Chapter of the American Association of University Professors. He was one of the initial organizers of the inter-disciplinary program that is now the International Studies Program, and was for many years a teaching mainstay of that program as well as its administrative head. He served for three years as a member of the University Senate; and most recently was University representative to the Ohio Faculty Senate.

Louis Nemzer was a scholar, a teacher, and through civic service, a deeply involved member of the University community. He was generous with his time, his intellect, and his friendship. He will be much missed by his colleagues and his students.

July 9, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Louis Nemzer (contd)

On behalf of the University Community, the Board of Trustees expresses to the family of Louis Nemzer its deepest sympathy. It is directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

Harold F. Thayer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 5, 1976, of Harold F. Thayer, County Extension Agent, Emeritus, in the Cooperative Extension Service.

Mr. Thayer was born February 16, 1894, in Williamston, Michigan. He attended Williamston High School, graduating in 1913. He received his Bachelor of Science degree in agriculture in 1919 from Michigan State University. Mr. Thayer taught vocational agriculture from 1919 until 1923 when he accepted a graduate assistantship at The Ohio State University where he received the Master of Science degree in 1924 with a major in farm crops.

In 1924 he joined the faculty of The Ohio State University as a County Agricultural Agent serving in Fairfield County for his entire Extension career.

Mr. Thayer retired March 31, 1956, culminating nearly 32 years of dedicated service to the citizens of Fairfield County. Throughout his career he was a dedicated and highly respected agricultural educator and leader of Fairfield County. He was well known and respected by his peers on the Extension faculty throughout the state. His quiet but effective leadership and outstanding contributions to the agricultural industry of Fairfield County and the State of Ohio will long be remembered.

On behalf of the University community the Board of Trustees expresses to the family of Mr. Thayer its deepest sympathy. It is directed that this resolution be inscribed in the minutes of the Board of Trustees and that copies be tendered to Mrs. Thayer as sincere appreciation of the Board's realization of the loss to the family, the University, and his many friends and associates have sustained.

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July 9, 1976 meeting, Board of Trustees

ENACTMENT OF RULE 37.16 OF *RULES OF THE UNIVERSITY FACULTY*

Resolution No. 77-2

Synopsis: Enactment of Rule 37.16, Conditions for Continued Enrollment in a Course, since the wording of the present Rule 41.07 does not operate effectively in withdrawing the registration of students who do not appear for a scheduled course.

WHEREAS Rule 41.07, Compulsory Course Withdrawal, in its present wording does not operate effectively in withdrawing the registration of students who do not appear for a scheduled course, with the result that students who are waiting to register in certain closed courses are prevented from doing so; and

WHEREAS there is need for a Rule to permit cancellation of the enrollment of a student who enrolls to audit a course but does not fulfill the conditions for audit enrollment; and

WHEREAS there is need for a Rule to permit cancellation of the enrollment of a student who does not meet the course prerequisites or otherwise fails to demonstrate adequate preparation for a course; and

WHEREAS the University Senate in its Regular Meeting on June 5, 1976 has approved the proposed repeal of Rule 41.07 and enactment of Rule 37.16:

NOW THEREFORE

BE IT RESOLVED, That Rule 37.16 be enacted and that Rule 41.07 be deleted.

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

AMENDMENT TO *RULES OF THE UNIVERSITY FACULTY*

Resolution No. 77-3

Synopsis: Changes in the Rules of the University Faculty in Chapter 28.00, University Senate, i.e., Rules 28.01, 28.03, 28.04, 28.05, and 28.19, are recommended. These Rules concern Membership, Terms of Office, Election By-Laws, Representation and Methods of Selection, and Committees of the University Senate.

WHEREAS the *Rules of the University Faculty* in Chapter 28.00, University Senate, establish the organization and powers of the University Senate; and

WHEREAS these Rules contain a variety of prescriptions for the election of Senate Members from the several constituencies; and

July 9, 1976 meeting, Board of Trustees

AMENDMENT OF *RULES OF THE UNIVERSITY FACULTY* (contd)

WHEREAS the fulfillment of the obligation to have properly elected and certified Members of the Senate requires the supervision of an Elections Committee of the Senate; and

WHEREAS many of the routine details for the election and terms of service of Senate Members are more appropriate as Election By-Laws of the Senate than as *Rules of the University Faculty*; and

WHEREAS the changes in the *Rules of the University Faculty* necessary for implementing the needed reorganization in Senate Membership election procedures were approved by a two-thirds vote in a Regular Meeting of the University Senate on June 5, 1976:

NOW THEREFORE

BE IT RESOLVED, That Rules 28.01, 28.03, and 28.19 be amended and that Rule 28.04 (Election By-Laws) be enacted and that Rule 28.05 (Representation and Methods of Selection), be repealed.

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

HONORARY DEGREES

Resolution No. 77-4

Synopsis: Approval is being requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 29.2727, have approved for recommendation to the Board of Trustees the awarding of the honorary degree as listed below:

Allen D. Manvel

Doctor of Science

WHEREAS the President after consultation with the Steering Committee of the University Senate, pursuant to Rule 11.05, has approved for recommendation to the Board of Trustees the awarding of the honorary degree as listed below:

Charles A. Mosher

Doctor of Laws

July 9, 1976 meeting, Board of Trustees

RULES OF THE UNIVERSITY FACULTY

28.01. Membership.

There shall be a University Senate, a unicameral body constituted as follows:

- a. Voting Members: The voting Members of the Senate* shall consist of
 - 24 Administration Members
 - 68 Faculty Members
 - 40 Student Members, consisting of 25 Undergraduate, 10 Graduate, and 5 Professional Student Members.

Any change in the number of Members representing one of the three primary categories shall necessitate an adjustment in the total Membership in order to maintain to the nearest percentage the ratio of these numbers.

- b. Non-voting Members: Senate Members not entitled to vote on the floor of the Senate, but otherwise to participate in all Senate deliberations, shall include the University Ombudsman, the Director of Alumni Affairs, one representative elected by and from the Intra-University Counselors' Organization, the President of Undergraduate Student Government, the Vice President of Undergraduate Government, the President of the Council of Graduate Students, and the President of the Inter-Professional Council. (B/T 7/7/72, 6/14/74, 7/9/76)

28.03. Terms of Office.

Ex officio Members serve by virtue of their position and shall have no fixed term of office.

Faculty Members shall serve three-year terms, with one-third being elected each year; they shall be ineligible for one year for re-election.

Student Members shall serve one-year terms and be eligible for re-election.

The Intra-University Counselors' Organization shall determine the length of term of its representative. (B/T 7/7/72, B/T 7/9/76)

28.04. Election By-Laws.

The University Senate shall have the power to make Election By-Laws governing election districts and constituencies, dates for assuming office, election procedures, membership certification, and resolution of election appeals; such Election By-Laws shall not contravene the sections of the Ohio Revised Code applying to the University, the By-Laws of the Board of Trustees, or the Rules of the University Faculty. The Senate Election By-Laws may be amended pursuant to the procedures specified in Rule 28.12. (B/T 7/9/76)

28.05. Representation and Methods of Selection.

(Repealed)

*Throughout this document the word "Senate" shall be taken to mean the University Senate.

RULES OF THE UNIVERSITY FACULTY (contd)

28.19. Committees.

- a. Organizing Committees: The University Senate shall have the following four organizing committees:
 - 1. Steering Committee
 - 2. Program Committee
 - 3. Committee on Rules and Senate Organization
 - 4. Elections Committee
- b. Additional Committees: In addition to the four organizing committees, the University Senate may establish such standing and select committees as it deems necessary or desirable. The Senate shall determine the method of selection of the members of these committees. Except as may be otherwise prescribed by the Senate in particular cases, the members of these committees shall be elected by the Senate upon written nomination submitted to the Membership by the Steering Committee or by individual Members at least seven days prior to voting on those nominations.
- c. Membership: Members of the Steering Committee, Program Committee, and Committee on Rules and Senate Organization and Elections Committee shall be Members of the Senate. All other multiple-member committees of the Senate shall include, but not necessarily be limited to, Members of the Senate.
- d. Committee Chairmen: Except where otherwise specified by the Senate, each committee shall elect its chairman from its membership.
- e. Reports of University Committees: Any University Committee composed, in whole or in part, of students or of members of the University Faculty (Rule 25.01) shall report to the University Senate when so requested by the Senate.
- f. Composition and Jurisdiction of the Organizing Committees: The composition and jurisdiction of the four organizing committees of the Senate shall be as follows:
 - 1. Steering Committee (unchanged)
 - 2. Program Committee (unchanged)
 - 3. Committee on Rules and Senate Organization (unchanged)

4. Elections Committee

The Elections Committee shall consist of 9 members apportioned as follows: 1 Administration Member of the Senate, nominated by the President and elected by the Senate; 4 Faculty Members of the Senate, nominated by the Faculty Membership and elected by the Senate; 2 Undergraduate Student Members, nominated by the Undergraduate Student Membership and elected by the Senate; 1 Graduate Student Member, nominated by the Graduate Student Membership and elected by the Senate; and 1 Professional Student Member, nominated by the Professional Student Membership and elected by the Senate. The Faculty and Administration representatives shall serve two-year terms, and be ineligible for immediate re-election. The student members shall serve one-year terms and be eligible for re-election. Nominations shall be submitted to the Senate at least 7 days prior to the election.

RULES OF THE UNIVERSITY FACULTY (contd)

28.19. Committees. (contd)

The Elections Committee shall have the following duties and responsibilities:

- a. Reviewing and recommending to the Senate changes in the Election By-Laws,
- b. Overseeing the implementation of the Election By-Laws and certifying election results to the Senate,
- c. Hearing appeals concerning election of Senate Members and making recommendations to the Senate on the resolution of such appeals.

37.16. Conditions for Continued Enrollment in a Course.

After consultation with the classroom instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from an undergraduate course if:

- a. by the third instructional day of the quarter or the second scheduled class session of the course, whichever occurs later, the student fails to attend the scheduled course without giving prior notification to his instructor. In such cases the chairperson (or other appropriate administrative official) shall notify the student's college office. A change ticket removing the course from the student's schedule shall be prepared and copies forwarded to the student and to the Office of Records. The student is not relieved of the responsibility for dropping such course in the customary way.
- b. the student either enrolls to audit a course without the instructor's approval or, after receiving such approval, the student fails to meet the conditions of the audit enrollment established by the instructor. Disenrollment procedures shall be the same as in (a.) above.
- c. the student fails to meet the prerequisites of the course or fails to demonstrate adequate preparation as provided in Rule 37.13. Disenrollment procedures shall be the same as in (a.) above.

41.07. Compulsory Course Withdrawal.

(Repealed)

July 9, 1976 meeting, Board of Trustees

HONORARY DEGREES (contd)

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with this recommendation at a time convenient to the University and the recipient.

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

DISTINGUISHED SERVICE AWARDS

Resolution No. 77-5

Synopsis: Recommendation for six individuals to receive Distinguished Service Awards at the Summer Quarter Commencement is made.

WHEREAS the President's Staff serving as a committee on Distinguished Service Awards has nominated and recommended for approval by the Board of Trustees, the following-named persons to receive the Distinguished Service Award at the August 27, 1976, Commencement; 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.

Elinor M. Bayer
Oliver D. Diller
A. Elliott Kimberly
Howard E. LeFevre
Morris S. Rosenblum
Lewie C. Stephens

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding at the Summer Quarter Commencement.

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

July 9, 1976 meeting, Board of Trustees

JOSEPH SULLIVANT MEDAL AWARD

Resolution No. 77-6

Synopsis: Ratification is requested for awarding the Joseph Sullivant Medal.

WHEREAS the Joseph Sullivant Medal is awarded once every five years as a memorial to the eminent services of Joseph Sullivant who, as a member of the first Board of Trustees, contributed significantly in determining the character and future of The Ohio State University; and

WHEREAS pursuant to the procedure established by this Board of Trustees, nominations for the award were referred through the Dean of the Graduate School to a Board of Award appointed by the President; and

WHEREAS after a careful review of all nominations this Board of Award recommended to the President that Dr. Melvin S. Newman, Regents Professor, Department of Chemistry, be the recipient of this award; and

WHEREAS the President in support of this recommendation and on behalf of the Board of Trustees authorized the granting of this medal at the June Commencement:

NOW THEREFORE

BE IT RESOLVED, That the action in granting the Joseph Sullivant Medal be ratified.

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

DEGREES AND CERTIFICATES--SUMMER QUARTER COMMENCEMENT

Resolution No. 77-7

Synopsis: Approval is being requested for awarding degrees and certificates for the August Commencement.

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees of The Ohio State University*, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit to the University Senate names of persons who have completed degree and certificate requirements, in accordance with Rule 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

July 9, 1976 meeting, Board of Trustees

DEGREES AND CERTIFICATES--SUMMER QUARTER COMMENCEMENT (contd)

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 27, 1976, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

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

NAMING OF BUILDINGS

Resolution No. 77-8

Synopsis: The renaming of residential units of Lincoln and Morrill Towers is being proposed.

WHEREAS pursuant to Article VIII, Section 7, of the *Bylaws of the Board of Trustees*, the authority for naming buildings on the campuses of The Ohio State University rests with the said Board; and

WHEREAS upon the recommendation of the President, with the concurrence of the President's staff and after consultation with student leaders, the residential unit of Lincoln Tower at 1800 Cannon Drive (the top nine floors) shall be named

Lincoln House

and that Morrill Tower at 1900 Cannon Drive shall be divided into two distinctive residential units, a high rise unit to be named after Christine Y. Conaway, Emeritus Dean of Women, hereafter to be called

Conaway House

and a lower unit of Morrill Tower to be named after Mylin H. Ross, Emeritus Dean of Men, hereafter to be called

Ross House

NOW THEREFORE

BE IT RESOLVED, That the foregoing described facilities be named as specified.

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

July 9, 1976 meeting, Board of Trustees

NAMING OF BUILDINGS ON THE LIMA, MANSFIELD, AND NEWARK CAMPUSES
Resolution No. 77-9

Synopsis: The naming of buildings on the Lima, Mansfield and Newark Campuses is being proposed.

WHEREAS pursuant to Article VIII, Section 7, of the *Bylaws of the Board of Trustees*, the authority for naming buildings on the campuses of The Ohio State University rests with the said Board; and

WHEREAS there have been due deliberations and consultations with committees involving the faculty, students, administration, Citizens Advisory Councils and Boards of Trustees of the Technical Colleges; and

WHEREAS the President, with the concurrence of the President's staff, recommends that the new buildings to be opened Autumn Quarter 1976 be named; and

Lima Campus

That Building IV be named in honor of the late Charles H. Cook and be officially designated Charles H. Cook Hall. Building IV was constructed with the primary purpose of housing a learning resources center and recreational facilities for students of both the Lima Campus and the Lima Technical College, as well as laboratories for the Lima Technical College. Mr. Cook was an Ohio State alumnus and served for many years as Chairman of the Citizens Advisory Council and also as Chairman of the Board of Trustees of the Lima Technical College. He was the recipient of the Distinguished Service Award at the August 1975 commencement.

Mansfield Campus

That Building IV which houses a new Learning Resources Facility of the Mansfield Campus be named Louis Bromfield Hall. Louis Bromfield was a native of Richland County and a renowned figure in American letters and a recipient of the Pulitzer Prize in Literature. Mr. Bromfield was a respected pioneer conservationist and agriculturalist.

Newark Campus

That Building II on the Newark Campus be named Hopewell Hall. This second building on the Newark Campus was constructed with primary emphasis on classrooms and laboratories for the Central Ohio Technical College, with a new food service facility for both institutions. The name Hopewell was finally selected as it is the name of the prehistoric Indians who lived in Licking County and constructed the huge earthwork in the Newark area about 1800 years ago.

July 9, 1976 meeting, Board of Trustees

NAMING OF BUILDINGS ON THE LIMA, MANSFIELD, AND NEWARK CAMPUSES
(contd)

NOW THEREFORE

BE IT RESOLVED, That the naming of the buildings as listed be approved.

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

NAMING OF NEW CLINICAL MEDICAL SCIENCES EDUCATION FACILITY
Resolution No. 77-10

Synopsis: The naming of the new Clinical Medical Sciences Education Addition to University Hospital and the existing University Hospital is being proposed.

WHEREAS this Board has established a policy for the naming of buildings at The Ohio State University in Article VIII, Section 7, of the *Bylaws of the Board of Trustees*; and

WHEREAS this general policy establishes a minimum three-year waiting period before a building may be named for any officer of the State after leaving the employment of the State; and

WHEREAS the President, with the concurrence of his staff, has recommended that the new Clinical Medical Sciences Education Addition to the University Hospital combined with the existing University Hospital be named

JAMES A. RHODES HALL -- UNIVERSITY HOSPITAL

NOW THEREFORE

BE IT RESOLVED, That this Board set aside the waiting period provision of the existing Bylaw and adopt the above recommendation of the President of the University.

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

July 9, 1976 meeting, Board of Trustees

MODIFICATION OF CAMPUS MASTER PLAN

Resolution No. 77-11

Synopsis: Modification of Campus Master Plan is requested to provide for official land acquisition boundary on the south side of the Medical Center.

WHEREAS the official Comprehensive Master Plan Map, adopted by the Board of Trustees on February 16, 1972, and amended on nine subsequent occasions, be amended further in the following way; and

WHEREAS the growth of the Medical Center has created need for more automobile parking area; and

WHEREAS in order to provide additional land for parking, and to preserve the existing, planned open space within the Medical Center, it is considered necessary to modify the official land acquisition boundary on the south side of the Medical Center; and

WHEREAS the modification includes the area bounded by Michigan Avenue on the west, West Ninth Avenue on the north, the alley west of Neil Avenue to the alley between West Ninth and West Eighth Avenues to the west property line of the Ohio Bell Telephone building at 320 West Eighth Avenue on the east, and West Eighth Avenue on the south; and

WHEREAS by previous action on April 2, 1976, the Board of Trustees authorized purchase of four properties within the additional area at 303, 315, and 329 West Ninth Avenue and the purchase of these said properties has been completed:

NOW THEREFORE

BE IT RESOLVED, That the changes in the property acquisition limit shown on the accompanying map are consistent with the principles and concepts approved by the Board of Trustees in adopting the Comprehensive Master Plan in 1962. (A copy of the map is to be filed by the Secretary with the "Campus Master Plan Study--Phase II" report submitted December 12, 1961.)

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

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July 9, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 77-12

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 "Salary Roll" of the University since the June 4, 1976 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1976-1977, be approved.

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

Appointments

Name: JUAN F. SOTOS
Title: Professor and Acting Chairman
Department: Pediatrics
Effective: July 1, 1976
Salary: \$35,928.00
Present Position: Professor, Department of Pediatrics

Name: WALTER L. STARKEY
Title: Professor and Acting Chairman
Department: Mechanical Engineering
Effective: July 1, 1976
Salary: \$39,492.00
Present Position: Professor, Department of Mechanical Engineering

Name: ALVIN H. GOLDSTEIN
Title: Kiplinger Professor
School: Journalism
Effective: September 1, 1976
Salary: \$26,040.00
Present Position: Senior Producer-Reporter-Writer, National Public Affairs Center for Television, Washington, D. C.

July 9, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

LEO E. BENDIXEN, Professor, Department of Agronomy, effective July 1, 1976 through August 31, 1976, to complete work at East-West Center, University of Hawaii, developing course materials and study new methods in plant protection for programs in Agronomy.

WILLIAM B. JOHNSON, Professor, Department of Mathematics, effective October 1, 1976 through June 30, 1977, to accept an invitation to the Institute for Advanced Studies at the Hebrew University of Jerusalem for the 1976-77 academic year.

LEO A. PAQUETTE, Professor, Department of Chemistry, effective January 1, 1977 through March 31, 1977, to accept a Guggenheim Fellowship.

THOMAS T. STOUT, Professor, Department of Agricultural Economics and Rural Sociology, effective September 20, 1976 through December 31, 1976, to join the University of Alberta teaching/extension program.

WILLIAM F. SAAM, Associate Professor, Department of Physics, effective October 1, 1976 through June 30, 1977, to accept a visiting position at the University of Nice, France.

ROLAND PRICE, Instructor, School of Music, Lima Campus, effective October 1, 1976 through December 31, 1976, to continue his doctoral studies at the University of Toledo.

Emeritus Titles

ELDRED B. HEISEL, Department of Medicine, with the title Professor Emeritus, effective July 1, 1976.

F. FERN OCH, Department of Physiological Chemistry, with the title Associate Professor Emeritus, effective July 1, 1976.

JAMES A. RUMBAUGH, College of Dentistry, with the title Assistant Professor Emeritus, effective July 1, 1976.

July 9, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

EDITH A. ANDERSON, Cooperative Extension Service, with the title Instructor Emeritus, effective June 1, 1976.

ANNE SCHORR, Department of English, with the title Instructor Emeritus, effective July 1, 1976.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-13

Synopsis: The report on contracts, grants, and gifts and the summary for May is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of May, 1976, be approved.

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

July 9, 1976 meeting, Board of Trustees

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

SUMMARY FOR MAY 1976

Source	No. of Projects	Support Level
Office of Business and Administration	41	\$1,979,877.66
The Ohio State University Research Foundation	55	3,409,680.00
The Engineering Experiment Station	2	10,030.00
		\$5,399,587.66
The Ohio State University Development Fund	2,975 Donors	328,154.82

Establishment of Named Funds:

James Bruce Claypool Scholarship Fund (Fairfield County students)		33,351.08
The Richard F. Baer Lectureship in Rehabilitation Medicine (Department of Physical Medicine)		7,000.00
Gladys G. Woods Physical Therapy Endowment Scholarship (School of Allied Medical Professions)		5,100.00
The Jack and Eleanor Resler Lecture Fund (Graduate School)		1,000.00

July 9, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

1. \$176,477.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Development of Career Education Measurement Handbooks, Center for Vocational Education, January 31, 1976 through March 30, 1977. (Contract/Order No. NE-C-00-3-0079, Modification No. 5)
2. \$167,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Career Planning Support System Project, Center for Vocational Education, January 31, 1976 through October 31, 1976. (Contract/Order No. NE-C-00-3-0079, Modification No. 6)
3. \$134,974.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation, June 30, 1976 through June 29, 1977. (Grant No. 59-P-25294/5-05)
4. \$125,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, Broadening the Concept of Advocacy in Habilitation, Nisonger Center for Mental Retardation, June 30, 1976 through June 29, 1977. (Grant No. 56-P-25582/5-02)
5. \$118,948.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Oncology - Institutional National Research Service Award - Training Grant, Department of Medicine, July 1, 1976 through June 30, 1977. (Grant No. 5 T32 CA09155-02)
6. \$93,377.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Clinical Cancer Education Program - Research Grant, Department of Surgery, July 1, 1976 through June 30, 1977. (Grant No. 5 R25 CA18016-02)
7. \$90,444.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Family Centered Program on Intervention - Training Grant, Nisonger Center for Mental Retardation, July 1, 1976 through June 30, 1977. (Grant No. 2 D12 AH00135-05)
8. \$77,453.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Advanced Psychiatric - Mental Health Nursing - Training Grant, School of Nursing, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH12394-07)

July 9, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

9. \$70,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Application for Cooperative Education Programs, Department of Mechanical Engineering, July 1, 1976 through June 30, 1977. (Grant No. G007602451)
10. \$59,846.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Expanding Areas in Health Services Administration - Training Grant, University Hospitals, July 1, 1976 through June 30, 1977. (Grant No. 5 D04 AH01416-02)
11. \$59,605.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Hematology - Institutional National Research Service Award, Department of Medicine, July 1, 1976 through June 30, 1977. (Grant No. 5 T32 HL07141-02)
12. \$58,963.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Medicinal Chemistry - Training Grant, Division of Medicinal Chemistry, College of Pharmacy, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 GM01949-08)
13. \$58,291.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Preventive Medicine Curriculum Augmentation - Training Grant, Department of Preventive Medicine, July 1, 1976 through June 30, 1977. (Grant No. 2 D04 AH01113-10)
14. \$50,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation, June 1, 1976 through May 31, 1977. (Grant No. G007402731)
15. \$43,200.00 - National Science Foundation, Washington, D. C., National Science Foundation Graduate Fellows, Graduate School, June 1, 1976 through September 30, 1981. (Proposal /Grant No. SM176-22865)
16. \$40,223.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Pulmonary Academic Award, Department of Medicine, June 1, 1976 through May 31, 1977. (Grant No. 5 K07 HL00128-02)

July 9, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

17. \$40,082.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Training Model in Speech Pathology and Audiology, Department of Communication, July 1, 1976 through June 30, 1977. (Grant No. 44-P-81108/5-02)
18. \$37,070.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Physical Therapy - Teacher Preparation (M.S.) - Training Grant, School of Allied Medical Professions, January 1, 1977 through December 31, 1977. (Grant No. 2 A02 AH00667-02)
19. \$30,000.00 - U. S. Department of Commerce, Economic Development Administration, Washington, D. C., Economist - Office of Economic Research, DAS/ Planning, Economic Development Administration, Department of City and Regional Planning, July 1, 1976 through August 31, 1977.
20. \$29,217.66 - Federal Energy Administration, Washington, D. C., Economist - Federal Energy Administration, Department of Geography, July 1, 1976 through August 30, 1977.
21. \$29,026.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Social Work Education for Community Mental Health - Training Grant, College of Social Work, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH13626-03)
22. \$26,700.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Fulbright-Hays Group Projects Abroad, Department of Slavic Languages and Literatures, September 1, 1976 through September 1, 1977. (Grant No. G007603158)
23. \$26,580.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Medical Dietetics - Administration (M.S.) - Training Grant, School of Allied Medical Professions, January 1, 1977 through December 31, 1977. (Grant No. 1 A02 AH00761-01)
24. \$25,746.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Clinical Cancer Education Program - Dental, College of Dentistry, July 1, 1976 through June 30, 1977. (Grant No. 5 R25 CA17999-02)

July 9, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

25. \$25,000.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Conformational Study of Polypeptides and Nucleic Acid - Development Award - Research Career Program, Department of Biochemistry, June 1, 1976 through May 31, 1977. (Grant No. 5 K04 GM70742-03)
26. \$25,000.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Gene Expression and Enzyme Synthesis in Neurospora - Development Award - Research Career Program, Department of Biochemistry, July 1, 1976 through June 30, 1977. (Grant No. 5 K04 GM00052-02)
27. \$22,380.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Dental Hygiene - Teacher Preparation (M.S.) - Training Grant, School of Allied Medical Professions, July 1, 1976 through June 30, 1977. (Grant No. 1 A02 AH00753-01)
28. \$22,380.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, (M.S.) in Medical Technology - Teacher Preparation - Training Grant, School of Allied Medical Professions, July 1, 1976 through June 30, 1977. (Grant No. 1 A02 AH00754-01)
29. \$20,370.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, (M.S.) in Occupational Therapy - Teacher Preparation - Training Grant, School of Allied Medical Professions, January 1, 1977 through December 31, 1977. (Grant No. 5 A02 AH00662-02)
30. \$15,725.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Comparative Pathology - Training Grant, Department of Veterinary Pathobiology, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 GM01052-14)
31. \$15,712.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Undergraduate Psychiatric Nursing - Training Grant, School of Nursing, July 1, 1976 through June 30, 1977. (Grant No. 5 T02 MH06375-20)
32. \$15,300.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Medical Student Apprenticeship Training Program - Training Grant, Department of Preventive Medicine, July 1, 1976 through June 30, 1977. (Grant No. 5 A07 AH00309-02)

July 9, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

33. \$11,840.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, (M.S.) for Medical Communications - Continuing Education - Training Grant, School of Allied Medical Professions, July 1, 1976 through June 30, 1977. (Grant No. 5 A02 AH00660-02)
34. \$10,991.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Social Work Doctoral Program - Training Grant, College of Social Work, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH11981-08)

TOTAL - FEDERAL CONTRACTS/GRANTS \$1,852,920.66

State of Ohio Contract/Grant

1. \$32,817.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Administration of the Vocational Education Personnel Development Program for Ohio, Department of Agricultural Education, July 1, 1976 through September 30, 1977.

Industrial and Other Contracts/Grants

1. \$31,553.00 - Maryland State Department of Education, Division of Vocational-Technical Education, Baltimore, Maryland, An Educational Plan for the Maryland Division of Correction Project, Center for Vocational Education, June 1, 1976 through October 31, 1976.
2. \$26,000.00 - City of Columbus, Columbus, Ohio, Management Development Program, College of Administrative Science, School of Public Administration, May 31, 1976 through June 30, 1977. (City of Columbus Auditor's Certificate No. 404094)
3. \$23,541.00 - International Paper Company Foundation, New York, New York, Workshop on Economic Literacy, College of Education, June 21, 1976 through July 2, 1976.
4. \$12,056.00 - North Central Technical College, Mansfield, Ohio, Analysis of Personnel Needs and Job Opportunities, Center for Vocational Education, June 15, 1976 through February 28, 1977.

July 9, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial and Other Contracts/Grants (contd)

5. \$690.00 - Charles County Community College, La Plata, Maryland, Presentation of Performance-Based Teacher Education for Vocational Teachers, Center for Vocational Education, May 5, 1976 through May 7, 1976.
6. \$400.00 - Warren Public Schools, Warren, Ohio, Evaluation of Tests for Warren City Schools, Center for Vocational Education, April 9, 1976 through June 30, 1976.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$94,140.00

July 9, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

1. \$757,420.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Office of Health Sciences, Cancer Research Center, 1 June 1976 through 31 May 1977. (Project 3976 - Extension No. 2)
2. \$179,892.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, Delivery of Emergency Medical Services in Disasters, Department of Sociology, 1 June 1976 through 31 May 1977. (Project 4195-A2 - Extension No. 1)
3. \$125,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research with a 7MV Van de Graaff Accelerator, Department of Physics, 1 May 1974 through 31 October 1977. (Project 3938-A1 - NSF Letter Dated 28 April 1976)
4. \$114,400.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Relationship Between Pharmacokinetic Distribution of Antimicrobial Drugs and Effectiveness, Department of Veterinary Physiology and Pharmacology. (Project 3958-A1 - Modification No. 5)
5. \$109,997.00 - Department of the Air Force, Rome Air Development Center, Air Force Systems Command, Griffiss Air Force Base, New York, Laser Atmospheric Absorption Studies, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1975 through 30 June 1976. (Project 4232-C1 and D1 - Modification No. P00002)
6. \$101,798.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Regional Ambulatory Cancer Chemotherapy Program, Department of Medical Administration, 1 May 1976 through 30 April 1977. (Project 4181-A2 - Extension No. 1)
7. \$95,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Stress Corrosion - Development of Design Handbook on Stress Corrosion Cracking, Department of Metallurgical Engineering, 15 December 1974 through 19 December 1976. (Project 4119-A1 - Modification No. P00001)
8. \$89,900.00 - National Science Foundation, Washington, D. C., ESCA/Auger Analysis of Selective Thin Film Electrodes, Department of Chemistry, 15 April 1976 through 30 April 1978. (Project 4419-A1 - New)

July 9, 1976 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. \$89,265.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Transfer Factor Therapy of Sarcoma, Department of Medicine, 1 April 1974 through 31 March 1977. (Project 3888-A1 and B1 - Modification No. 2)
10. \$88,276.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Research Study on the Efficacy of Enzyme-Free Antigens in Anti-Caries Vaccines, College of Dentistry. (Project 4171-A1 - Modification No. 5)
11. \$84,460.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Data Secure Systems, Department of Computer and Information Science, 1 March 1975 through 31 May 1977. (Project 4115-A1 - Modification No. P00001)
12. \$80,000.00 - National Science Foundation, Washington, D. C., Excavations at Tall-i Malyan, Department of Anthropology, 1 July 1976 through 30 June 1977. (Project 4422-A1 - New)
13. \$64,704.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology, 1 May 1976 through 30 April 1977. (Project 2797-G - Extension No. 7)
14. \$64,145.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions, Catalysis and Macrocyclic Complexes, Department of Chemistry, 1 June 1976 through 31 May 1977. (Project 1501-N - Extension No. 13)
15. \$63,708.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Mitochondrial Transmission Genetics, Department of Genetics, 1 June 1976 through 31 May 1977. (Project 3720-A4 - Extension No. 3)
16. \$62,967.00 - Environmental Protection Agency, Cincinnati, Ohio, Design Criteria for Landfill Gas Migration Control Systems, Department of Civil Engineering, 1 June 1976 through 30 September 1977. (Project 4424-A1 - New)

July 9, 1976 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. \$61,999.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Nursing Programs in Cancer Centers, School of Nursing, 28 June 1974 through 27 June 1977. (Project 3974-A1 - Modification No. 2)
18. \$61,200.00 - National Science Foundation, Washington, D. C., Collaborative Research on Sources of Political Disaffection in Japan, Department of Political Science, 1 June 1976 through 31 May 1978. (Project 4434-A1 - New)
19. \$60,521.00 - Department of Health, Education, and Welfare, 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, 1 May 1976 through 30 September 1977. (Project 3920-A3 - Extension No. 2)
20. \$59,991.00 - Department of the Navy, Naval Weapons Center, China Lake, California, Development of a Mathematical Model for Determining Near Field Backscatter from Ships at Sea, ElectroScience Laboratory, Department of Electrical Engineering, 19 May 1976 through 18 May 1977. (Project 4428-A1 - New)
21. \$59,147.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Structure and Function of Heart Mitochondria, Department of Surgery, 1 May 1976 through 30 April 1977. (Project 4164-A2 - Extension 1)
22. \$57,678.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Quantitative Phonopneumography in Lung Diseases, Department of Medicine, 1 May 1976 through 30 April 1977. (Project 3908-A2 and D2 - Extension No. 1)
23. \$56,543.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immune RNA: Tumor Therapy and Prophylaxis in Mice, Department of Microbiology, 1 June 1976 through 31 May 1977. (Project 4166-A2 - Extension No. 1)
24. \$49,944.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer, Department of Chemistry, 1 May 1976 through 30 April 1977. (Project 2811-G - Extension No. 7)

July 9, 1976 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. \$47,964.00 - National Endowment for the Humanities, Washington, D. C., Television Programs in Medieval and Renaissance Studies, Center for Medieval and Renaissance Studies, 1 July 1976 through 31 December 1977. (Project 4423-A1 - New)
26. \$47,653.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Mechanisms of Lymphoid Cell Differentiation, Department of Anatomy, 1 May 1976 through 30 April 1977. (Project 4420-A1 - New)
27. \$42,418.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues, Department of Biochemistry, 1 June 1976 through 31 May 1977. (Project 1571-L - Extension No. 11)
28. \$41,032.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Assays for Enzymes and Inhibitors, College of Pharmacy, 1 May 1976 through 30 April 1977. (Project 2791-G - Extension No. 7)
29. \$40,500.00 - National Science Foundation, Washington, D. C., Isolation of Insect Virus Strains with Increased Virulence, Department of Entomology, 1 May 1976 through 30 April 1978. (Project 4418-A1 - New)
30. \$39,630.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on In Vivo Growth of Staphylococci, Department of Medical Microbiology, 1 June 1976 through 31 May 1977. (Project 2330-G - Extension No. 7)
31. \$38,500.00 - National Science Foundation, Washington, D. C., Equipment Grant - Acquisition of an FT-NMR Spectrometer, Department of Chemistry, 15 May 1976 through 31 May 1977. (Project 4416-A1 - New)
32. \$38,093.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, Health Care Services and the Appalachian Migrant, Department of Anthropology, 1 June 1976 through 31 May 1977. (Project 4421-A1 - New)

July 9, 1976 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. \$36,610.00 - National Endowment for the Humanities, Washington, D. C., The Letters of Sophia Hawthorne, Department of English, 1 June 1976 through 30 September 1978. (Project 4425-A1 - New)
34. \$35,588.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Photochemistry of the Genus *Thalictrum*, College of Pharmacy, 1 June 1976 through 31 May 1977. (Project 1497-K - Extension No. 10)
35. \$33,400.00 - National Science Foundation, Washington, D. C., Thermoregulatory Significance of Pigment Intensity in Birds, Department of Zoology, 1 May 1976 through 30 April 1978. (Project 4426-A1 - New)
36. \$30,001.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, FT-Infrared Spectroscopy of Heart Muscle Energetics, Department of Physiological Chemistry, 1 June 1976 through 31 May 1977. (Project 4200-A2 - Extension No. 1)
37. \$25,062.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Mechanism of Carcinogen - Co-Carcinogen Interaction, Department of Radiology, 1 June 1976 through 31 May 1977. (Project 4198-A2 - Extension No. 1)
38. \$18,544.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Color and Ocular Drug Effects, College of Pharmacy, 1 June 1976 through 31 May 1977. (Project 4189-A2 - Extension No. 1)
39. \$17,190.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Interaction Between Receptor Classes in the Retina, Department of Biophysics, 1 June 1976 through 31 May 1977. (Project 3048-A6 - Extension No. 5)
40. \$9,500.00 - National Aeronautics and Space Administration, Wallops Flight Center, Wallops Island, Virginia, Study of GEOS-C Altimeter Data in Order to Improve Existing Gravity Models, Department of Geodetic Science. (Project 3904-1 - Modification No. S05)

July 9, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

41. \$9,461.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, The Toxicity and Potency of Tetracyclines, College of Pharmacy, 1 June 1976 through 31 May 1977. (Project 3964-A3 - Extension No. 2)
42. \$9,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Antenna Pattern Prediction, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1974 through 30 June 1976. (Project 4091-A1 - Modification No. P00004)
43. \$9,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Antenna Pattern Prediction, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4091-A1 - Modification No. P00005)
44. \$5,660.00 - Department of the Air Force, Aerospace Medical Division, PMB, Brooks Air Force Base, Texas, Clinical Investigation No. 681: A Two-Phase Study Involving Root Resorption in Dogs, College of Dentistry, 12 April 1976 through 31 December 1976. (Project 4405-A1 - New)
45. \$5,000.00 - Department of the Air Force, Electronic Systems Division, (AFGL), Hanscom Air Force Base, Massachusetts, Analyze and Study Spectra of Radio Burst, Department of Electrical Engineering. (Project 4345-A1 - Modification No. P00002)
46. \$1,000.00 - Department of the Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Clinical Investigation No. 681: A Two-Phase Study Involving Root Resorption in Dogs, College of Dentistry, 12 April 1976 through 11 April 1977. (Project 4405-B1 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$3,218,761.00

State of Ohio Research Contracts/Grants

1. \$23,000.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Ohio Criminal Justice Manpower Survey, School of Public Administration, 25 March 1976 through 31 August 1976. (Project 4410-A1 - New)

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

1. \$53,940.00 - National Fund for Medical Education, New York, New York, Evaluation, Publication, and Dissemination of CAI Materials, Department of Medical Administration, 1 July 1976 through 30 June 1978. (Project 4411-A1 - New)

July 9, 1976 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. \$38,220.00 - Central Ohio Area Agency on Aging, Columbus Recreation and Parks Department, Columbus, Ohio, Dental Care for Low Income and Handicapped Elderly, College of Dentistry, 1 April 1976 through 31 March 1977. (Project 4043-A3 - Extension No. 2)
3. \$25,879.00 - The Proctor and Gamble Company, Cincinnati, Ohio, Study of in vitro Methods Used in Toxicological Research, Department of Veterinary Clinical Sciences, 1 July 1976 through 30 June 1977. (Project 4427-A1 - New)
4. \$19,800.00 - Pierce Chemical Company, Rockford, Illinois, Use of Bound Enzymes and Affinity Chromatography in the Synthesis Polypeptides, Department of Biochemistry, 1 July 1976 through 30 June 1977. (Project 4431-A1 - New)
5. \$17,180.00 - Beverage Products, Division of Borden Foods, Borden, Inc., Columbus, Ohio, Clinical Investigation of the Effects of Coffee Components on Gastrointestinal Function, Department of Medicine, 1 May 1976 through 31 December 1976. (Project 4414-A1 - New)
6. \$9,000.00 - Steel Founders' Society of America, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings, Department of Metallurgical Engineering, 1 April 1976 through 31 March 1977. (Project 0350-G - Sponsor Letter Dated 28 May 1976)
7. \$2,500.00 - Central Ohio Diabetes Association, Columbus, Ohio, Influence of Nutritional Factor in Free-Living Juveniles with Diabetes Mellitus in Determining Criteria for Dietary Adherence, School of Allied Medical Professions, 1 May 1976 through 30 April 1977. (Project 4417-A1 - New)
8. \$1,400.00 - General Compost Corporation, Philadelphia, Pennsylvania, The Characterization of the Bio-Dynamic Compost Starter Bacteria, Department of Agronomy, 1 June 1976 through 30 November 1977. (Project 4435-A1 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$167,919.00

July 9, 1976 meeting, Board of Trustees

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

THE ENGINEERING EXPERIMENT STATION

Industrial and Other Research Contracts

1. \$6,300.00 - Department of Development, City of Columbus, Columbus, Ohio, for Community Design Services for Near South Side of Columbus, School of Architecture, April 26, 1976 through November 1, 1976. (EES 536)
2. \$3,730.00 - City of Upper Arlington, Ohio, for Community Planting Guide for Upper Arlington, Ohio, Department of Landscape Architecture, May 1, 1976 through July 31, 1976. (EES 537)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS \$10,030.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

1. \$58,700.00 from Eli Lilly and Company, Indianapolis, Indiana, for infectious disease research.
2. \$40,745.59 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.
3. \$12,250.00 from ALCOA Foundation, Pittsburgh, Pennsylvania--\$10,000.00 for the Affirmative Action Program in Engineering and \$2,250.00 for their named scholarship fund.
4. \$10,000.00 from The Ohio National Bank Fund of The Columbus Foundation, Columbus, Ohio, for the University Activities Center.
5. \$6,000.00 from Roy Brenholts Fund of The Columbus Foundation, Columbus, Ohio, for arthritis research.
6. \$6,000.00 from Estate of William C. Dolch, Cleveland, Ohio, for the Department of Mechanical Engineering Support Fund.
7. \$5,000.00 from Everett D. Reese Fund of The Columbus Foundation (given in the name of Everett D. Reese, Columbus, Ohio), for the Harry E. LeFevre Fund for Education in Neurological Surgery.
8. \$5,000.00 from The Upjohn Company, Kalamazoo, Michigan, for a new research project in the Department of Chemistry.

July 9, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

James Bruce Claypool Scholarship Fund

The James Bruce Claypool Scholarship Fund was established July 9, 1976, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the late Carl P. Claypool (B.A. '08) of Fresno, California, in honor of James Bruce Claypool.

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

The annual income is to be used for a period of twenty (20) years to provide one medical scholarship for a student whose residence is in Fairfield County, Ohio. Recommendations will be made, no later than June 1 of each year, by the Fairfield County Superintendent of Schools and the Minister of the First Presbyterian Church of Lancaster, Ohio, however, the final decision for admission will be made by the proper authorities of The Ohio State University. After twenty years the principal and income therefrom may be used for any purpose, including the granting of scholarships, that the Board of Trustees of The Ohio State University may determine.

The Richard F. Baer Lectureship in Rehabilitation Medicine

The Richard F. Baer Lectureship in Rehabilitation Medicine was established July 9, 1976, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends of the late Richard F. Baer (B.A. '48, M.D. '52, M.M.Sc. '56), of Toledo, Ohio, who was the first Ohio State University medical graduate to participate in a residency in Physical Medicine and Rehabilitation at The Ohio State University Hospitals.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 sponsor a lecture each year in the Department of Physical Medicine to honor the memory of Richard F. Baer. The person invited to give the lecture will have distinguished himself or herself in the field of rehabilitation medicine. The selection of the individual is to be made upon the recommendation of the Chairman of the Department of Physical Medicine in cooperation with the Dean of the College of Medicine.

July 9, 1976 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 F. Baer Lectureship in Rehabilitation Medicine (contd)

Should the need for this lectureship cease to exist or so diminish as to provide unused income then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for rehabilitation medicine.

Gladys G. Woods Physical Therapy Endowment Scholarship

The Gladys G. Woods Physical Therapy Endowment Scholarship was established July 9, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from graduates of the physical therapy program at The Ohio State University, friends of Ms. Gladys G. Woods (founder and former director of the Division of Physical Therapy, School of Allied Medical Professions), and fellow professionals.

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

The annual income of this scholarship is to be used to provide one or more scholarships for undergraduate (junior or senior standing) or certificate students, enrolled in the Physical Therapy Division of the School of Allied Medical Professions, who have demonstrated academic competence and a need for financial assistance. The selection of recipients for an award is to be made upon the recommendation of the Director and Faculty of the Physical Therapy Division in cooperation with the Director of the School of Allied Medical Professions and the Dean of the College of Medicine. Only students who have been admitted to and are enrolled in the Physical Therapy Division will be eligible to receive an award from this scholarship fund. In the event no student is selected for the award in a given year, the annual income for that year will be retained in the fund, added to the annual income for the subsequent year and be available for use for a student award during that subsequent year.

July 9, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Gladys G. Woods Physical Therapy Endowment Scholarship (contd)

Should the need for these scholarships cease to exist or so diminish as to provide unused income then the income shall be allocated to other needed activities as determined by the Board of Trustees, but with preference given to research related to physical therapy or improvement in physical therapy education as recommended by the Director and Faculty of the Physical Therapy Division in cooperation with the primary administrative officer responsible for the physical therapy curriculum.

The Jack and Eleanor Resler Lecture Fund

The Jack and Eleanor Resler Lecture Fund was established July 9, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John B. Resler, B.S.Bus.Adm. '54, in honor of his parents, Jack S. Resler, B.S. Bus.Adm. '25, and Eleanor Resler, 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 honorariums and expenses for visiting lecturers invited by the Graduate School to present their views and to stimulate interest and discussion designed to improve inter-faith relations among Jews and other religious faiths. Requests for expenditures of the fund will be initiated and approved by the Dean of the Graduate School.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used as determined by the Board of Trustees and based on suggestions of John B. Resler and his wife and after their deaths, their descendants.

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July 9, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 77-14

Synopsis: Plans and specifications have been completed for the following seven projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

BIOLOGICAL SCIENCES BUILDING, STRUCTURAL AND MASONRY REPAIRS

Project: Improve structural rigidity of the building to prevent further deterioration of exterior brick work.

Funding: Budget Account 126070 (Contract Repair)

Estimated Project Cost: \$150,000.00

ERNIE BIGGS ATHLETIC TRAINING FACILITY - ADDITION

Project: Provide space for expansion of the weight training and physical rehabilitation program for the Athletic Department.

Funding: Budget Account 801326 (Funds provided from B/A 999000 Athletic Revenues).

Estimated Project Cost: \$79,000.00

HAMILTON HALL, ELECTRICAL (PHASE II)

Project: Electrical feeder ducts will be extended throughout the building and provide power panels suitable for connection of existing and future electric loads.

Funding: H.B. 687 (Utilities and Renovation) - (75-77 Biennium)

Estimated Project Cost: \$150,000.00

July 9, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

UTILITY DISTRIBUTION SYSTEM IMPROVEMENTS

Project: Remove and relocate gas lines from utility tunnels as a part of the ongoing safety improvements program; insulate steam, condensate and hot water lines in tunnels to conserve energy usage.

Funding: H.B. 687 (Utilities and Renovation) - (75-77 Biennium)

Estimated Project Cost: \$120,000.00

EAST STADIUM IMPROVEMENTS - RESEARCH SPACE

Project: Completion of research laboratory improvements.

Funding: H.B. 687 (Utilities and Renovation) - (75-77 Biennium), Budget Account 801317 (East Stadium Improvements, Research Space), \$140,000. (Funds provided from B/A 149997 - New Program Reserve), \$60,000.

Estimated Project Cost: \$200,000.00

AGRICULTURAL TECHNICAL INSTITUTE (WOOSTER, OHIO), PHASE II

Project: This is the second major building at the Agricultural Technical Institute, Wooster, Ohio.

Funding: H.B. 687, Item 366-002 (Agricultural Technical Institute, The Ohio State University, Phase II).

Estimated Project Cost: \$4,000,000.00

PHARMACY ADDITION

Project: Five-story addition to the north side of the present building will contain instruction and research laboratories, classrooms, seminar rooms, offices and support facilities.

Funding: H.B. 687, Item 315-096 (Pharmacy Addition)

Estimated Project Cost: \$1,400,000.00

July 9, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

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

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REPORT OF AWARD OF CONTRACTS

Resolution No. 77-15

Synopsis: Bids have been awarded for four projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows for each project:

July 9, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

TENNIS COURTS--ADDITIONAL

Description: Provide for ten new tennis courts for expanding instructional, intramural, and recreational facilities. The new courts will be located southwest of RPEI Central Facility.

General Contract

Date Received: May 12, 1976
No. of Bids: 6
Low Bid: \$116,752.00*
High Bid: \$201,717.00*
Estimate of Cost: \$169,950.00*
Awarded to: Strawser Paving Company (Columbus, Ohio)

Electrical Contract

Date Received: May 12, 1976
No. of Bids: 4
Low Bid: \$ 42,677.00*
High Bid: \$142,007.00*
Estimate of Cost: \$ 61,420.00*
Awarded to: Jess Howard Electric Company (Blacklick, Ohio)
Total Project Cost: \$174,630.00
Funding: Budget Account 801322 (Tennis Courts)

* Recommended Alternates reflected in these figures.

July 9, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

HUGHES HALL--REMODELING

Description: Work under this project will subdivide two large existing spaces (recently vacated by Music Library) into eight faculty offices and will create two additional teaching studios. Work includes required modification of ventilation, lighting and electrical systems.

General Contract

Date Received:	June 2, 1976
No. of Bids:	9
Low Bid:	\$ 6,350.00
High Bid:	\$ 10,400.00
Estimate of Cost:	\$ 6,800.00
Awarded to:	Arjay Construction Company (Columbus, Ohio)

Mechanical Contract

Date Received:	June 2, 1976
No. of Bids:	8
Low Bid:	\$ 3,625.00
High Bid:	\$ 5,730.00
Estimate of Cost:	\$ 5,800.00
Awarded to:	Columbus Heating & Ventilating Co. (Columbus, Ohio)

July 9, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

HUGHES HALL--REMODELING (contd)

Electrical Contract

Date Received:	June 10, 1976 (Rebid)
No. of Bids:	5
Low Bid:	\$ 5,992.00
High Bid:	\$ 7,670.00
Estimate of Cost:	\$ 7,500.00
Awarded to:	Mid-City Electric Company (Columbus, Ohio)
Total Project Cost:	\$ 22,800.00
Funding:	H.B. 687 (Utilities and Renovation) - (75-77 Biennium)

ENERGY CONSERVATION--PHASE II (PROJECT A)

Description: "Project A" will modify heating and air conditioning systems to make them more energy efficient and reduce utility cost.

Mechanical Contract

Date Received:	June 8, 1976
No. of Bids:	8
Low Bid:	\$211,050.00*
High Bid:	\$317,080.00*
Estimate of Cost:	\$217,620.00*
Awarded to:	Julian Speer Company (Columbus, Ohio)
Total Project Cost:	\$235,000.00
Funding:	H.B. 687 (Utilities and Renovation)

* Recommended Alternates reflected in these figures.

July 9, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

MANSFIELD CAMPUS, PHYSICAL EDUCATION BUILDING, PHASE V

Description: Second access road to Mansfield Campus.

The award of contracts for General, Plumbing, Heating and Ventilating, and Electrical work were reported to the June 4, 1976 meeting of the Board of Trustees. There was only one bid received for the Roadway portion of the contract work and this bid was over the estimate.

Roadway Contract

Date Received:	June 16, 1976 (Rebid)
No. of Bids:	2
Low Bid:	\$223,723.15*
High Bid:	\$237,500.00*.
Estimate of Cost:	\$290,000.00*
Awarded to:	Mansfield Asphalt Paving Company (Mansfield, Ohio)
Funding:	H.B. 687, Item 315-098 (Mansfield Campus, Physical Education Building, Phase V, The Ohio State University, in cooperation with North Central Ohio Technical College).

*Recommended Alternates reflected in these figures.

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

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CONDEMNATION OF PROPERTY

Resolution No. 77-16

Synopsis: The property known as 307 West Ninth Avenue is necessary for the proper development of off-street parking facilities.

July 9, 1976 meeting, Board of Trustees

CONDEMNATION OF PROPERTY (contd)

WHEREAS the Board of Trustees of The Ohio State University deems it in the public interest and necessary to provide additional parking facilities for University students, faculty, personnel and public visitors; and

WHEREAS the Board of Trustees has determined that the real property owned by Rule Properties, Inc., and generally known as 307 West Ninth Avenue, Columbus, Ohio, is necessary to the proper development of said off-street parking facilities; and

WHEREAS the Board of Trustees has been unable to agree with the owner of said property, and it is therefore necessary to appropriate the fee simple interest in said property pursuant to the laws of the State of Ohio;

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University shall appropriate property owned by Rule Properties, Inc., which is generally known as 307 West Ninth Avenue, Columbus, Ohio, and which is more fully described as follows:

Situated in the County of Franklin, State of Ohio, in the City of Columbus, and more particularly described as follows:

Being all of Lot Number Twenty-four (24) in WILLIAM N. KING'S NEIL AVENUE SUBDIVISION, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book No. 7, Page 96, Recorder's Office, Franklin County, Ohio.

Also a tract of land out of the southeast corner of Lot Number Twenty-five (25) of said Subdivision bounded and described as follows:

Beginning at a point at the southwest corner of said Lot Number Twenty-four (24); thence westerly along the south line of said Lot No. 25 a distance of 20 feet to a point; thence in a northerly direction, on a line parallel with the east line of said Lot No. 25 a distance of 40 feet to a point; thence in an easterly direction on a line parallel with the south line of said Lot No. 25, a distance of 20 feet to a point in the easterly line of said Lot No. 25; thence in a southerly direction along the easterly line of said Lot No. 25 and the westerly line of Lot No. 24, a distance of 40 feet to the place of beginning.

July 9, 1976 meeting, Board of Trustees

CONDEMNATION OF PROPERTY (contd)

BE IT FURTHER RESOLVED, That it is found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in open meeting of this Board, and that all deliberations of this Board 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. Gushman, seconded by Mr. Dunlap, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS

Resolution No. 77-17

Transfer of Earned Indirect Costs

Synopsis: Report of Transfer of Earned Indirect Costs and Transfers to Plant Funds for 1975-1976 fiscal year in accordance with the accounting procedure of the Auditor of State.

WHEREAS earned indirect costs were transferred to Account 149999, the University Treasurer General Fund in accordance with a policy previously adopted by the Board; and

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year 1975-76 are hereby reported, including administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts with National Science Foundation; U. S. Department of Health, Education and Welfare; other Federal Agencies; State of Ohio; and other organizations:

NOW THEREFORE

BE IT RESOLVED, That this report be accepted and included in the minutes of this meeting.

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

July 9, 1976 meeting, Board of Trustees

REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS (contd)

Transfer of Earned Indirect Costs

National Science Foundation

310172	Education - Higgins	\$ 1,966.20
310173	Education - Mayer	2,386.99
Total National Science Foundation		\$ 4,353.19

U. S. Department of Health, Education and Welfare

320443	NIH	School of Social Work	\$ 3,635.62
320446	NIH	Medicine - Skillman	2,538.29
320490	NIH	Physiology - Pieper	2,868.76
320492	NIH	Medicine - Cerilli	5,890.85
320494	NIH	Dentistry - Cavalaris	4,701.12
320495	NIH	Surgery - Curtiss	1,480.48
320496	NIH	Entomology - Wharton	6,165.13
320504	NIH	School of Social Work	1,194.24
320507	NIH	School of Nursing	1,049.66
320512	NIH	Pathology - Gruemer	1,806.17
320514	NIH	Psychiatry - Gregory	6,539.36
320515	NIH	Psychology - Nolan	3,743.08
320517	NIH	Otolaryngology - Saunders	6,102.44
320518	NIH	Medicine - Ferris	6,395.55
320519	NIH	Veterinary Pathology - Cole	6,844.32
320520	NIH	Medicine - Warren	19,000.84
320523	NIH	Entomology - Wharton	4,416.65
320524	NIH	School of Nursing - Sills	6,715.82
320526	NIH	Psychology - Ostrom	1,474.95
320527	NIH	Psychology - Meyer	1,327.32
320528	NIH	School of Social Work	1,190.91
320529	NIH	Dentistry - Allison	6,020.45
320530	NIH	Psychiatry - Marks	971.24
320531	NIH	Psychiatry - Arnold	3,131.39
320532	NIH	Surgery - Hunt	4,147.27
320535	NIH	Psychiatry - Gregory	1,335.64
320536	NIH	Medicine - Mazzaferri	3,612.00
320538	NIH	Biological Sciences - Byers	2,053.45
320539	NIH	School of Nursing	1,398.48
320540	NIH	School of Social Work	2,935.46
320541	NIH	School of Social Work	1,750.18
320547	NIH	Psychology	1,963.00
330057	BCHS	Nisonger Center - Gibson	35,716.95

July 9, 1976 meeting, Board of Trustees

REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS (contd)

Transfer of Earned Indirect Costs (contd)

U. S. Department of Health, Education and Welfare (contd)

330110	PHS	Regional Medical Program (audit adjustment)	\$ (8,511.00)
330208	NIE	Center for Vocational Education - Taylor	18,362.22
330209	NIE	Center for Vocational Education - Taylor	19,027.46
330210	NIE	Center for Vocational Education - Taylor	31,189.63
330211	NIE	Center for Vocational Education - Taylor	3,749.16
330243	NIE	Center for Vocational Education - Taylor	32,521.29
330245	PHS	Surgery - Takeuchi	200.00
330246	PHS	School of Nursing - Kalafatich	2,836.15
330268	SRS	Nisonger Center - Benson	10,778.56
330272	PHS	School of Nursing - Kruse	2,461.16
330277	SRS	School of Social Work - Medhurst	6,832.21
330278	SRS	Communication - Irwin	2,334.00
330280	SRS	School of Allied Medical Professions	578.26
330281	PHS	School of Nursing - Kruse	2,328.00
340118	OE	Center for Vocational Education - Taylor	30,795.16
340127	OE	Education - Huck	10,978.00
340161	OE	Center for Vocational Education - Goldhammer	13,254.11
340171	OE	Nisonger Center - Cotter	186.41
340176	OE	Center for Vocational Education - Taylor (adjustment)	(9,015.75)
340177	OE	Nisonger Center - Hankerson	10,276.66
340179	OE	Slavic Languages and Literatures - Twarog	6,907.00
340183	OE	Center for Vocational Education - Moore	9,068.32
340184	OE	Nisonger Center - Cotter	1,899.81
340185	OE	School of Home Economics - Taylor	3,325.66
340186	OE	Education - Stephens	11,838.38
340187	OE	Industrial and Systems Engineering - Swain	5,422.08
340188	OE	Center for Vocational Education - Schroeder	5,056.89
340190	OE	Center for Vocational Education - Magisos	16,128.06
340191	OE	Slavic Languages and Literatures - Twarog	6,926.00
340193	OE	School of Home Economics - Bardwell	123.72
340194	OE	Education - Ersing	2,041.98
340195	OE	Center for Vocational Education - Magisos	9,130.70
340199	OE	Center for Vocational Education - Starr	2,660.40
340202	OE	Center for Vocational Education - Drier	4,463.11
340203	OE	Center for Vocational Education - Norton	1,579.31
340205	OE	Center for Vocational Education - Hull	1,851.89
340206	OE	Center for Vocational Education - Miguel	3,347.48
340207	OE	Center for Vocational Education - Budke	6,660.13
340208	OE	Center for Vocational Education - Findlay	10,723.47
Total U. S. Department of Health, Education and Welfare			\$450,434.15

July 9, 1976 meeting, Board of Trustees

REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS (contd)

Transfer of Earned Indirect Costs (contd)

U. S. Government - Other

390020	AID	Brazil - Agriculture	\$ 6,347.45
390023	NASA	Preventive Medicine - Ellingson	19,061.15
390034	AID	Punjab - Agriculture	881.41
390106	DOT	Center for Vocational Education - Daugherty	3,677.15
390113	DCPA	Continuing Education - Janz	4,829.53
390114	AID	Brazil - Agriculture	1,231.37
390116	DOT	Center for Vocational Education	4,065.44
390118	AID	Brazil - Agriculture	1,037.40
390120	DCPA	Continuing Education - Janz	7,415.57
390122	EPA	Pharmacology - O'Neill	3,320.00
390123	LEAA	Center for Vocational Education - Taylor	7,443.63
390126	BIA	Center for Vocational Education - Taylor	7,342.26
390130	DOJ	Center for Vocational Education - Cronin	3,377.04
Total U. S. Government - Other			\$ 70,029.40

State of Ohio

410100	Education - Vocational-Technical Education - Reese		\$ 8,609.72
410138	Regents - Administrative Science - Stanley		9,450.50
410139	Education - Vocational-Technical Education - Reese		2,696.21
410141	Education - Vocational-Technical Education - Reese		9,481.60
410149	Education - Vocational-Technical Education - Reese		3,253.55
410154	Education - Special Services - Quaranta		1,667.21
410156	Ohio Advisory Council - Center for Vocational Education - Taylor		1,843.04
410162	Mental Health - Center for Vocational Education - Taylor		2,052.90
410172	Mental Health - Nisonger Center - Parnicky		1,636.33
410173	Mental Health - Nisonger Center - Leland		1,305.95
410174	Mental Health - Nisonger Center - Gibson		1,951.07
410175	Mental Health - Nisonger Center - Gibson		660.24
410176	Mental Health - Nisonger Center - Gibson		2,984.50
410179	Mental Health - Law		10,380.09
410180	Education - Health, Physical Education and Recreation - Kaplan		2,222.00
410188	Education - Vocational-Technical Education - Boggs		1,140.87
410189	Mental Health - Nisonger Center - Gibson		2,127.93
410190	Mental Health - Nisonger Center - Gibson		1,501.17
Total State of Ohio			\$ 64,964.88

July 9, 1976 meeting, Board of Trustees

REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS (contd)

Transfer of Earned Indirect Costs (contd)

Miscellaneous

151100	Center for Vocational Education - Operations	\$ 1,780.63
151105	Center for Vocational Education - Educational Materials	485.67
151112	Center for Vocational Education - Institutional Management	139,419.17
151125	Center for Vocational Education - Support Services	84,003.73
531200	Indiana University - Education - Wigtil	10,949.12
531234	National Training Fund - Center for Vocational Education	46,949.86
531239	New York Advisory Council - Center for Vocational Education	5,038.44
531244	State of Wisconsin - Center for Vocational Education	857.63
531249	Alliance for Career Education - Center for Vocational Education	19,203.35
531259	State of West Virginia - Center for Vocational Education	849.85
531270	Ashland County - Center for Vocational Education	422.56
531276	Sears-Roebuck Foundation - Center for Vocational Education	3,021.05
531277	State of Rhode Island - Center for Vocational Education	144.20
531282	OSURF - NCEMMH - Center for Vocational Education	13,023.07
531284	City of Nashville - Center for Vocational Education	577.83
531285	City of Nashville - Center for Vocational Education	1,046.94
531286	Joint Training Committee - Center for Vocational Education	8,718.98
531296	Holland College - Center for Vocational Education	482.02
531304	Temple University - Center for Vocational Education	180.61
531305	U of M at Flint - Center for Vocational Education	379.77
531306	State of Massachusetts - Center for Vocational Education	2,639.74
531311	State of Kentucky - Center for Vocational Education	675.73
531314	Northern Michigan University - Center for Vocational Education	463.03
531318	State of Kentucky - Center for Vocational Education	566.07
531321	International Programs in Agriculture - Operations	164.50
531324	MUCIA - Somalia - Agriculture	2,406.16
Total Miscellaneous		\$344,449.71
GRAND TOTAL		\$934,231.33

July 9, 1976 meeting, Board of Trustees

REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS (contd)

Transfers to Plant Funds

Account Description	B/A	Transferred from B/A	Amount
Medical Area Parking Ramp	801031	921300	\$ (2,198.66)
Undergraduate Library	801095	118030	(8,580.68)
		125054	(7,500.00)
Lima Parking Improvement	801242	921353	22,000.00
University Airport Expansion	801249	921500	1,316.93
Novice G. Fawcett - Center for Tomorrow - Third Floor	801251	522374	5,496.56
Telecommunications Equipment	801254	149992	82,961.00
Land Purchases	801262	921300	218,000.00
Dodd Hall Parking Lot	801280	921300	(7,402.00)
Polo Field Parking Lot	801281	921300	(10,806.43)
Southeastern Ohio Area Extension Center	801284	149999	(390.53)
Newark Parking Lot Expansion	801285	921356	23,277.00
Ohio Stadium - Track	801287	999000	(282.45)
Ohio Stadium - Restrooms	801288	999000	3,081.73
Northwest Parking Facility	801289	921300	107,352.24
Comparative Medical Teaching and Research Facility	801290	149999	(776.40)
Sisson Hall Air Conditioning	801291	330115	(1,020.74)
Parking Lots - West Tenth and West Eleventh	801292	921300	(46,169.00)
University Activities Center	801295	522851	1,406,543.57
Tennis Courts - North Athletic Facility	801296	999000	34,218.70
Mansfield Recreation Courts	801299	149949	(182.00)
Galvin Hall Elevator - Lima Campus	801302	129090	2,800.00
Lazenby Hall Parking Lot	801303	921300	(1,134.00)
Lincoln Tower Parking Lot	801307	921300	(9,196.00)
Lima Technical Building Remodeling	801308	149939	(2,535.00)
Traffic Improvements	801313	159475	147.96
South Parking Ramp	801316	921300	30,000.00
East Stadium Research Space	801317	149997	60,000.00
Derby Hall - Bookstore Expansion	801320	911683	165,100.00
Tennis Courts	801322	149997	25,000.00
Starling-Loving Hall Remodeling	801323	960300	95,000.00
Ohio Union - 4th Floor Air Conditioning	801324	149997	22,276.00
Means Hall Remodeling	801327	960300	105,000.00
University Hospital Capital Reserve	809998	960200	(165,000.00)
Total			\$2,146,397.80

July 9, 1976 meeting, Board of Trustees

REPORT - AIRCRAFT, HANGARKEEPERS AND STUDENT FLIGHT INSURANCE
Resolution No. 77-18

Synopsis: Renewal of Aircraft, Hangarkeepers and Student Flight Insurance is recommended.

WHEREAS coverage under the existing contracts for Aircraft, Hangarkeepers and Student Flight Insurance is expiring and competitive bids were solicited and received on May 24, 1976, to renew the said coverages; and

WHEREAS the bids invited alternative coverages with the University reserving the right to select the program which, in its judgment, provided the best coverage commensurate with the premium involved; and

WHEREAS an analysis of the bids and specimen policies revealed that the Proprietors Insurance Company, John B. Koch, Agent, submitted the lowest and best proposal for the Aircraft and Hangarkeepers coverages with an indicated annual premium of \$35,693. The proposal provided for three years of coverage subject to annual review; and

WHEREAS a further analysis revealed that the Continental Casualty Company, W. L. Heckman Co., submitted the lowest and best proposal for Student Flight Insurance with a premium of \$10 per student per quarter; and

WHEREAS, the bid proposals have been reviewed and with the concurrence of the Department of Aviation and the Vice President for Personnel Services:

NOW THEREFORE

BE IT RESOLVED, That the Proprietors Insurance Company be awarded the Aircraft and Hangarkeepers coverages and that the Continental Casualty Company be awarded the Student Flight Insurance coverage effective on the expiration of the present contracts.

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

July 9, 1976 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 77-19

The report on the University's Investment portfolio dated July 8, 1976, as submitted to the Fiscal Affairs Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

REPORTS - PRESIDENT ENARSON

The President reported on the Summer Quarter 1976 enrollment.

President Enarson also reviewed the biennium capital improvement request for the University.

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COLLECTIVE BARGAINING

Mr. Smith:

Mr. Chairman, I would like to bring up one matter. I made an error. Before I explain, I will apologize to the Board for it. At the last Board meeting when we voted on the collective bargaining motion, something we have discussed for several months, we had a written motion before us. I was following this written motion, reading ahead, when Dr. Sirak modified that portion of the motion setting forth the majority required to establish a collective bargaining unit. The draft motion required a simple majority and I thought that was the way the motion was made and passed and I didn't think otherwise until I read the Saturday paper. I tried to call the President at that time and finally did talk to him on Monday. Before stating that I thought it was incorrectly reported I listened to the tape of the meeting and specifically Dr. Sirak's presentation. He paused at the right point and made his personal observation and then went on reading the draft statement and inserted the conditions reported in the minutes of this Board as it was adopted by this Board. I was in error and had I been aware of this modification I would have voted against that motion and the losing side would have prevailed. That being the case I would now like to move to rescind the action of this Board taken at the June 4, 1976 meeting on collective bargaining.

Mrs. James seconded the motion.

Upon roll call vote, Mr. Hilliker, Dr. Jacob, Mr. Smith, Mr. Devenow, Mrs. James, and Mr. Dunlap cast affirmative votes; Mr. Gushman and Mr. Harrod cast negative votes; and Dr. Sirak abstained.

July 9, 1976 meeting, Board of Trustees

COLLECTIVE BARGAINING (contd)

Mr. Gushman:

Mr. Chairman, I would like to move that the faculty vote on the question of collective bargaining be approved subject to the same conditions as adopted at our last meeting with the following modification of Item 3: That for the results of such an election to be considered valid, the American Association of University Professors receive a majority of affirmative votes from sixty-five percent (65%) of those voting in order to be designated the bargaining agent for the faculty.

Mr. Devenow seconded the motion.

Mr. Smith: "As I have expressed myself in earlier meetings, I still must vote against this motion."

Upon roll call vote, Mr. Devenow, Mrs. James, Dr. Sirak, and Mr. Gushman cast affirmative votes; Mr. Hilliker, Dr. Jacob, Mr. Smith, Mr. Dunlap, and Mr. Harrod cast negative votes. The motion failed with a five to four vote recorded.

Dr. Sirak:

Mr. Chairman, since there is apparently considerable dissatisfaction on the part of the AAUP in not only this aspect but other aspects as well of my original motion and, since it would appear that the only conditions that would be agreeable would be for us to agree to do everything that would be agreeable to the AAUP, I am sorry that there can't be a meeting of minds on this issue. In any case I would make the following motion: That a vote by the faculty on the issue of collective bargaining by AAUP or any other agent be tabled until such future date when statutory provisions are established. Perhaps at that time the air will have been cleared and more sensible and rational meeting of the minds can occur.

Dr. Jacob seconded the motion.

Mr. Smith:

Dr. Sirak indicates that the AAUP was insisting upon their conditions. I gather that the AAUP is bridling at the idea of the Trustees unilaterally determining the conditions under which an election can be held and would much prefer to sit down and discuss and negotiate these items so as to come to a co-determination. In order to be on the prevailing side, however, I will vote 'for' on your motion.

The Board of Trustees approved the foregoing resolution by unanimous roll call vote.

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July 9, 1976 meeting, Board of Trustees

PRESIDENT ENARSON'S REAPPOINTMENT

Mr. Dunlap made the following motion:

As Chairman of the ad hoc committee to review the President's contract, I move that the terms of the current contract be extended for the coming year, September 1, 1976 through August 31, 1977.

Dr. Sirak seconded the motion. The Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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Thereupon the Board adjourned to meet Friday, September 10, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 2:30 p.m.

Attest:

Edward Q. Moulton
Secretary

M. Merle Harrod
Chairman

APPENDIX I

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
August 27, 1976

Page 58 is blank

Recipients of the Distinguished Service Award

Elinor M. Bayer

Through her tact, sensitivity, and unselfish commitment to the Office of Academic Affairs, and the invaluable continuity she has provided for a succession of its leaders, Elinor Bayer has earned the praise of many. In recognition of her dedication, the Ohio State University awards her its Distinguished Service Award.

Oliver D. Diller

As scholar, teacher and guardian of both human and environmental resources, Oliver Diller has dedicated his personal and professional life to his work, this University and the people of Ohio. In further recognition of an honored alumnus, for his dedicated service to a better life for this and future generations, The Ohio State University awards him its Distinguished Service Award.

A. Elliott Kimberly

A. Elliott Kimberly has strengthened his alma mater with his unflagging leadership and devoted service to expanding the resources of this University and to encouraging both students and alumni. In recognition of his demonstrated service and loyalty, The Ohio State University awards him its Distinguished Service Award.

Howard E. LeFevre

Lending hand and heart to the cause of learning, Howard LeFevre, through

his leadership, has brought lasting benefit to the Newark Campus of this University, to the University at large, to its alumni and his community. For that faithful service, The Ohio State University awards him its Distinguished Service Award.

Cecil Robinson

Cecil Robinson's achievements in agricultural science exemplify a successful blending of a cosmopolitan appreciation of the benefits of technology and a traditional love of the land. In recognition of his long-standing dedication and continuing service, The Ohio State University awards him its Distinguished Service Award.

Morris S. Rosenblum

As a practitioner of the healing arts, professional person, and civic leader, Morris Rosenblum has served this University and its alumni long and well. For that loyal service and his commitment to his profession and his community, The Ohio State University awards him its Distinguished Service Award.

Lewie C. Stephens

Dedicated service to this University has earned for Lewie Stephens the respect of his peers in Ohio and in the nation as an authority on personnel administration. His dedication did not end with retirement, and in recognition for his deep loyalty and outstanding devotion, The Ohio State

University awards him its Distinguished Service Award.

The Recipient of Honors

Charles Adams Mosher Doctor of Laws

Charles A. Mosher has served Ohio, the nation, and the world as a champion and loyal friend of higher education, a defender and advocate of science and academic research, and as a protector of our environment and of our civil liberties. As a public servant, he has helped dispel the gloom of cynicism by exemplifying the ideal of public service as a high calling.

Now serving his eighth consecutive term in the United States Congress, he represents Ohio's 13th District—located in the northeast corner of the state. He came to Congress in 1961 and plans to retire January 3, 1977, at the end of his current term. The recipient of numerous awards, Congressman Mosher holds the American Civil Liberties Union of Ohio's Foundation Award for 1975, the American Astronautical Society's Public Service Award for 1974, Great Lakes Commission's Conservation and Water Management Award for 1973, and the Oberlin College Alumni Medal for Service to the College for 1972.

The Ohio State University is honored to confer upon Charles Adams Mosher the degree Doctor of Laws, *honoris causa*.

Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

One candidate

Gordon Shepherd Baughman, Newark;
B.A. (Indiana University); M.Mus.;
Music; Dr. Robert Y. Hare

Doctor of Philosophy

Two hundred and thirteen candidates

Field of Specialization and Adviser are in italics

Francisco Aclan Villanueva, Philippines;
B.S.A., M.Sc. (University of the
Philippines); *Horticulture*;
Dr. Evan K. Alban

Emmanuel Turkson Acquah,
Sekondi, Ghana; B.S. (University of
Maryland); M.S.; *Agricultural Economics
and Rural Sociology*; Dr. Leroy J. Hushak

Brenda Lynn Beach Adamovich, Canfield;
B.S.Ed., M.A.; *Communication*;
Dr. John W. Black

Violet Anselmini Allain, Columbus;
B.A. (Northeastern Illinois State College);
M.A.; *Education*; Dr. Gerald M. Reagan

Richard Anthony Amorose, Dublin;
B.S.Ed., M.A.; *Education*;
Dr. Ann W. Engin

Mark Eugene Amsler, Wheaton, Md.;
B.A. (Johns Hopkins University); M.A.;
English; Dr. Walter Scheps

Mary Sugg Anderton, Memphis, Tenn.;
B.S.B.A. (University of Tennessee);
M.Ed. (Memphis State University);
Education; Dr. Neal E. Vivian

Henry John Antkiewicz, Hamtramck, Mich.;
A.B., A.M. (University of Michigan);
History; Dr. Charles Morley

John Janis Apinis, Madison, Wis.;
B.S. (University of Wisconsin); M.S.;
Electrical Engineering;
Dr. William H. Peake

Lauren Hibshman Arango,
Mansfield, Mass.; B.A. (Ohio Wesleyan
University); M.A.; *Romanic Languages
and Literatures*; Dr. Charles G. S. Williams

Kattalampat Narayanasamy
Balasubramanian, Tamil Nadu, India;
B.E., M.Sc. (Madras University);
M.S. (Ohio University);
Industrial and Systems Engineering;
Dr. Thomas H. Rockwell

Rollin Michael Barber, Johnstown;
B.S.Agr., M.S.; *Agricultural Economics and
Rural Sociology*; Dr. G. Howard Phillips

Michael James Bathory, Euclid;
B.A. (Oberlin College); M.A.; *Education*;
Dr. Herman J. Peters

Michael Stephen Bennett, Elyria;
B.S.Soc.Wel., M.S.W.; *Education*;
Dr. Robert R. Bargar

Dennis Keith Benson, Dayton;
B.A. (Miami University); M.A.;
Political Science; Dr. Philip M. Burgess

Eric Neal Berkowitz, Brighton, Mass.;
B.A., M.B.A. (University of
Massachusetts); *Business Administration*;
Dr. Frederick D. Sturdivant

Vivian Bowling Blevins, Toledo;
B.Educ. (University of Toledo);
M.A. (Eastern Kentucky State College);
Education; Dr. Frank Zidonis

Ann Kariger Blombach, Columbus;
B.A. (Michigan State University);
M.Music (University of Michigan);
Music; Dr. William Poland

Claretta Kelso Boder, Columbus;
B.B.A. (Westminster College); M.A.;
Education; Dr. Joseph J. Quaranta

Bence David Boelskey, Wheeling, W. Va.;
B.S. (West Liberty State College); M.S.;
Physiology; Dr. Stephen J. LeBrie

Patricia Chikotas Boeshaar, Columbus;
B.S. (Northwestern State College of
Louisiana); *Astronomy*; Dr. Terry P. Rowak
and Dr. Philip C. Keenan

Walter Benson Bohl, Columbus;
B.S. (Capital University); B.S.Ed.;
Education; Dr. Robert W. Howe

Peggy Anderson Borsay, Rockville, Md.;
B.S. (West Virginia University);
M.A. (University of Wisconsin);
Communication; Dr. James L. Golden

John Michael Bowling, Granville;
B.A. (Florida State University);
M.A. (University of Tennessee);
Education; Dr. Richard J. Skumway

Georgiana Hood Bowman, Columbus;
B.S.Ed. (Wilberforce University); M.A.;
Education; Dr. Robert E. Jewett

Eleanor Huebner Brock, Bowling Green;
B.A. (DePauw University);
M.S. (Purdue University); *Sociology*;
Dr. Alfred C. Clarke

Robert Evans Brumett, Springfield, Ill.;
B.A. (Millikin University); M.A.;
Philosophy; Dr. Richard T. Garver

Glen L. Bull, Taft, Tex.;
A.B. (Western Kentucky University);
M.A.; *Communication*; Dr. John W. Black

Robert Vernon Bullough, Jr.,
Salt Lake City, Utah;
B.S., M.Ed. (University of Utah);
Education; Dr. Paul R. Klohr

Jim L. Bushnell, Meadow, Utah;
B.S., M.S. (Brigham Young University);
Agronomy; Dr. Edward W. Stroube

Jacqueline Annette Caldwell,
Lake Wales, Fla.;
B.S. (University of Iowa); M.A.;
Psychology; Dr. Thomas M. Ostrom

Virginia Carolyn Callis, Nashville, Tenn.;
B.S. (Middle Tennessee State University);
M.S. (University of Tennessee);
Home Economics; Dr. Lois E. Dickey

Judith Marie Canne, Williamson, N. Y.;
B.S. (State University of New York College
at Geneseo); M.Sc. (Ball State University);
Botany; Dr. Tod Stuessy

Michael John Carmody, Detroit, Mich.;
B.S. (University of Detroit); *Chemistry*;
Dr. Leo A. Paquette

Paul Allen Catlin, Beaver, Pa.;
B.S. (Carnegie-Mellon University); M.S.;
Mathematics; Dr. G. Neil Robertson

Lu-Hsi Chang, Taiwan, China;
B.A. (National Taiwan Normal
University); M.S.; *Zoology*;
Dr. Wayne B. Parrish

Yoon Sam Chang, Seoul, Korea;
B.S. (Seoul National University); M.S.;
Physics; Dr. John H. Shaw

Somchai Chantsavang, Loei, Thailand;
B.Sc., M.Sc. (Kasetsart University);
Animal Science; Dr. L. A. Swiger

Ming-Jen Chiang, Taipei, Taiwan;
B.S. (National Taiwan University);
Physiology; Dr. Albert L. Kunz

Wai-Sin Ching, Taipei, Taiwan;
B.Sc. (Chu Hai College);
M.Sc. (University of Ottawa);
Mathematics; Dr. Boetwick F. Wyman

Donna Blumenthal Chlopak,
Cranbury, N. J.;
A.B. (Douglass College); M.A.;
Psychology; Dr. Richard J. Klimoski

Janet Yu-Ping Chou, Kaohsiung, Taiwan;
B.S.Pharm. (Kaohsiung Medical College);
Physiological Chemistry;
Dr. Keith E. Richardson

Helen Rezabek Churella, Garfield Heights;
B.S.Agr., M.S.; *Home Economics*;
Dr. Virginia M. Vivian

Catherine Marie Clark, Columbus;
B.S.H.E., M.S.; *Education*;
Dr. Donald J. Tosi

Carl Edward Clous, Columbus;
B.S.Bus. Adm., B.S.Ed.; M.Ed. (Bowling
Green State University); *Education*;
Dr. Neal E. Vivian

Gary Lee Cockerell, Columbus;
B.S., D.V.M. (University of California);
Veterinary Pathobiology; Dr. David S. Yohn

Thomas Barrett Cole, Jr., Columbus;
B.S., M.S.; *Anatomy*; Dr. Thomas G. Hayes

Anita Marguerite Collins, Kutztown, Pa.;
B.S. (Pennsylvania State University);
M.S.; *Genetics*; Dr. Walter C. Rothenbuhler

Ralph Benjamin Cook, Jr., Columbus;
B.S. (University of Cincinnati);
M.Ed. (Miami University); *Art Education*;
Dr. Kenneth Marantz

Spencer Lee Cooper, Dayton;
B.G.S. (Municipal University of Omaha);
M.S. (Wright State University);
Psychology; Dr. Samuel H. Osipow

James Hearne Cornell, Oxford, Ala.;
B.S. (Jacksonville State College);
M.A. (University of Alabama); *Education*;
Dr. Aaron J. Miller

Helena Mary Czepiec, Toledo;
B.A. (University of Toledo); M.A.;
Political Science; Dr. C. Richard Hofstetter

- Suzanne Kidd Damarin, Columbus; A.B. (Wilson College); M.A. (Bryn Mawr College); *Education*; Dr. Richard J. Shumway
- Edmond Christian Davis, Eugene, Ore.; B.A., M.A. (University of Oregon); *English*; Dr. Edward P. J. Corbett
- Gene Paul Decker, Eau Claire, Wis.; B.S. (Wisconsin State University); M.S.; *Microbiology*; Dr. Frank W. Chorpensning
- Billy Gene Denney, Amarillo, Tex.; B.A. (New Mexico Highlands University); M.A.; *Art Education*; Dr. Kenneth A. Mavantz
- Marianne Josephine D'Onofrio, East Haven, Conn.; B.S., M.S. (Central Connecticut State College); *Education*; Dr. Aaron J. Miller
- Michael John Donovan, Columbus; A.B. (College of Saint Charles Borromeo); M.A.; *Psychology*; Dr. Frank M. Fletcher
- Sister Mary Anne Doyle, Brighton, Mass.; A.B. (Regis College); M.S.; *Physics*; Dr. Timothy R. Donoghue
- Arthur William Draut, Jr., Middletown; B.S., M.S.; *Physics*; Dr. Richard C. Nelson
- Jean-Pierre Dujardin, Gent, Belgium; Civil Eng.-Diploma, Elec.Eng.-Diploma (State University of Gent); M.S.; *Physiology*; Dr. Heinz P. Pieper
- Carolyn Sherrer Dunn, Louisville, Ky.; B.A., M.S. (University of Louisville); *Botany*; Dr. V. Raghavan
- Dean Edwards, Logan; B.S.Ed., M.Ed. (Ohio University); *Education*; Dr. Herman J. Peters
- Robert Charles Edwards, Green Springs; B.S. (Heidelberg College); *Chemistry*; Dr. Daryle H. Busch
- Michael James Elsbury, Pierre, S. D.; B.A.Ed., M.Ed. (University of Montana); *Education*; Dr. W. Frederick Staub
- Sister Jacquelyn Ernster, Yankton, S. D.; B.A. (Mount Marty College); A.M. (Indiana University); *Education*; Dr. Robert E. Jewett
- Stephen Bir Evans, Columbus; B.S., M.S.; *Microbiology*; Dr. Matthew C. Dadd
- Thomas John Facklam, Columbus; B.S. (Cornell University); *Developmental Biology*; Dr. George A. Marzlf
- Theodore Blair Flickinger, Columbus; B.S., M.S. in Edu. (Southern Illinois University); *Agricultural Education*; Dr. Ralph E. Bender
- Lawrence Lee Gabel, Tigard, Ore.; B.S.Ed. (Eastern Illinois University); M.S. (Oregon State University); *Education*; Dr. Arthur L. White
- Robert Carl Gardner, Laramie, Wyo.; B.A., M.S. (University of Wyoming); *Botany*; Dr. Tod F. Stuessy
- Mary Flavine Gbur, Queens Village, N. Y.; B.A. (Saint Joseph's College for Women); M.S.; *Mathematics*; Dr. Alan C. Woods
- Richard Lee Geesey, Columbus; B.S., M.S. (West Virginia University); *Agricultural Education*; Dr. J. Robert Warmbrud
- David Philip Gilbert, Burnt Hills, N. Y.; B.S. (Hobart College); *Chemistry*; Dr. Paul G. Gassman
- Warren David Gilson, Wooster; B.A. (Otterbein College); M.S.; *Dairy Science*; Dr. Thomas M. Ludwick
- Ehud Gudes, Haifa, Israel; B.S., M.Sc. (Technion-Israel Institute of Technology); *Computer and Information Science*; Dr. Jerome Rothstein
- David Arthur Guldin, Akron; B.A. (College of Wooster); M.A.; *Sociology*; Dr. Timothy J. Curry
- Gene Robert Hagerman, Holmen, Wis.; B.S. (Wisconsin State University); M.A.; *Physical Education*; Dr. Edward L. Fox
- Kirby Dale Hall, West Covina, Calif.; A.B., M.A. (San Diego State College); *Education*; Dr. Roy A. Larmee
- Wanda Dianne Hall, Bradenton, Fla.; B.S. (Florida State University); M.A.; *Physical Education*; Dr. Charles L. Mand
- John Andrew Hannigan, Ottawa, Ont., Canada; B.A., M.A. (University of Western Ontario); *Sociology*; Dr. Enrico L. Quarantelli
- Susan Dorothy Haseltine, Pittsfield, Maine; B.S. (University of Maine); M.S.; *Zoology*; Dr. Tony J. Peterle
- John Paul Herr, Bloomington, Ind.; B.S. (Millersville State College); M.A. (Indiana University); *Geography*; Dr. Kevin R. Cox
- Stephen Alan Hershey, York, Pa.; B.S. (Juniata College); *Chemistry*; Dr. Daniel L. Leussung
- Joe Rider Horn, Oberlin; A.B. (Oberlin College); M.Ed. (Pennsylvania State University); *Physical Education*; Dr. Bruce L. Bennett
- Larry Dale Householder, Junction City; B.S.Agr., M.S.; *Agricultural Education*; Dr. Ralph E. Bender
- Marcus Conrad Hoyer, Tempe, Ariz.; B.A. (Augustana College); M.S. (Arizona State University); *Geology and Mineralogy*; Dr. Richard P. Goldthwait
- Fu-Lian Hsu, Hsi Chih, Taiwan; B.S. (Taipei Medical College); M.S. (Wayne State University); *Pharmacy*; Dr. Duane D. Miller
- Robert Donald Humberton, Barton, Md.; B.A. (University of Maryland); M.A.; *Communication*; Dr. James L. Golden
- Sarah Ellen Hutslar, Columbus; B.S., M.Ed. (Miami University); *Physical Education*; Dr. Daryl Siedentop
- Joseph Chukwuozem Igbeka, Ubiaja, Nigeria; B.S., M.S. (Israel Institute of Technology); *Agricultural Engineering*; Dr. John L. Blaisdell and Dr. Floyd L. Herum
- Elizabeth Gravelly Jancosek, Columbus; A.B. (Morris Harvey College); M.A.; *Communication*; Dr. John W. Black
- Roger Lane Jenkins, Jonesboro, Tenn.; B.S. (Berea College); M.A. (Eastern Tennessee State University); *Business Administration*; Dr. Bernard J. LaLonde
- Karen Sue Warren Jewell, Columbus; B.A., M.A. (Kent State University); *Sociology*; Dr. Alfred C. Clarke
- John Charles Johns, Columbus; B.A. (Ohio Wesleyan University); M.A.; *Education*; Dr. John O. Cooper
- Jeanette Jones, Fort Valley, Ga.; B.S. (Fort Valley State College); M.S.; *Botany*; Dr. John A. Schmitt
- Michael Lee Kabler, Ripley; B.S.Ed., M.A.; *Education*; Dr. Thomas M. Stephens
- Peter Fritz Kador, Columbus; B.A. (Capital University); *Pharmacy*; Dr. Duane D. Miller
- Allan Harvey Kaufman, Gaithersburg, Md.; B.S. (Pennsylvania State University); M.A. (University of Maryland); *Education*; Dr. James J. Buffer, Jr.
- James Russell Kealey, Fairfield, Conn.; B.A. (Fairfield University); M.A.; *Education*; Dr. Edward D. Allen
- Wayne Monroe Keffer, Columbus; B.S., M.Ed. (Virginia Polytechnic Institute); *Agricultural Education*; Dr. Clarence J. Cunningham
- Arthur Richard Koch, Jr., Columbus; B.S. (University of Oklahoma); *Botany*; Dr. Clarence E. Taft
- Mary Margaretha Korfhage, Fern Creek, Ky.; B.S.H.Ed. (University of Kentucky); M.A.; *Education*; Dr. John J. Kennedy
- Thomas Stephen Korlos, Kent; B.A. (Youngstown University); M.A. (Kent State University); *Sociology*; Dr. Christen T. Jonassen
- Rosemarie Harter Kraft, Columbus; B.S.Ed. (Clarion State College); *Education*; Dr. Martin L. Languis
- Russell Lowell Kreeger, Amherst; B.S. (Kent State University); *Chemistry*; Dr. Harold Shechter
- Ramachandran Krishnaswamy, Warren; B.Tech.E.E. (India Institute of Technology); M.S.; *Computer and Information Science*; Dr. H. William Buttlemann
- Devi Kumar, Columbus; B.Sc. (University of Calcutta); M.S. (Purdue University); M.S.; *Zoology*; Dr. Wayne B. Parrish
- Muneendra Kumar, Hyattsville, Md.; B.Sc., M.Sc. (Agra University); M.S.; *Geodetic Science*; Dr. Ivan I. Mueller
- Charles Bernard LaBorde, Columbus; B.A. (LeMar State College of Technology); M.A. (Texas Technical University); *Theatre*; Dr. Donald R. Glaney

- Glennis Elbert Lambert, Columbus; B.S.Ed., M.A.; *Education*; *Dr. Robert E. Jewett*
- John O. Landers, Gary, Ind.; A.B. (MacMurray College); M.S.; *Chemistry*; *Dr. Melvin S. Newman*
- John Allen Lett, Jr., Gastonia, N. C.; B.S. (Appalachian State University); *Education*; *Dr. Edward D. Allen*
- Dale Edward Lichtblau, York, Pa.; B.A. (North Carolina State University at Raleigh); M.A.; *Philosophy*; *Dr. George F. Schumm*
- Ching-Yonn Lin, Sha-Lu, Taiwan; B.S. (National Chung-Hsing University); M.S. (Iowa State University); *Dairy Science*; *Dr. Francis R. Allaire*
- Yue Jee Lin, Hsin-Chu, Taiwan; B.S. (National Taiwan University); M.S.; *Genetics*; *Dr. Elton F. Paddock*
- Wayne Roscoe Longbrake, Cambridge; B.S.Agr., M.S.; *Agricultural Education*; *Dr. Richard H. Wilson*
- Patricia Louise Lynch, Kettering; B.A. (Butler University); M.A. (Bowling Green State University); *Communication*; *Dr. John J. Makay*
- Raymond Neil Maddox, Columbus; B.A., M.B.A.; *Business Administration*; *Dr. W. Arthur Cullman*
- Dennis Michael Manos, Columbus; B.S. (Case Institute of Technology); *Chemistry*; *Dr. John Parson*
- Stanford Philip Mareberg, Cleveland; B.S.Med.Tech. (University of Toledo); *Pathology*; *Dr. John A. Lott*
- Neil Bruce Marks, Brentwood, Mo.; B.S., M.B.A. (Washington University); *Business Administration*; *Dr. Fred E. Kindig*
- Mary Helen Marshall, Blacksburg, W. Va.; B.S. (Western Kentucky State College); M.S. (University of Alabama); *Home Economics*; *Dr. Mary Lapitsky*
- Elfriede Matejsik, Columbus; B.S. (Columbia Union College); M.A. (Andrews University); *Education*; *Dr. Mildred Hillestad*
- Joyce Elaine Johnson Matthews, Columbus; B.S.H.E., M.A.; *Home Economics*; *Dr. Claribel M. Taylor*
- Willie Don McCullough, Crockett, Tex.; B.S. (Prairie View Agricultural and Mechanical College); M.S.; *Zoology*; *Dr. Roy A. Tassava*
- Thomas Louis McKenzie, Red Bank, N. B., Canada; B.Phys.Ed., B.Ed. (University of New Brunswick); M.Phys.Ed. (Dalhousie University); *Physical Education*; *Dr. Darryl Stedentop*
- Robert William McPeck, Waukegan, Ill.; B.S. (Loyola University); M.A.; *Psychology*; *Dr. Herbert L. Mivels*
- Bernadette Hartley Merluzzi, Columbus; B.S. (Central Connecticut State College); M.A.; *Education*; *Dr. Joseph J. Quaranta*
- David Martin Miller, Lancaster; B.S.Ed.; M.A. (American University); *Education*; *Dr. I. Keith Tyler*
- Larry Steven Miller, Clyde, B.S., M.S.; *Microbiology*; *Dr. Matthew C. Dodd*
- Robert George Mills, Columbus; B.A., M.A. (Southern Illinois University); *Industrial and Systems Engineering*; *Dr. George L. Smith*
- Sarah Diane Miyahira, Honolulu, Hawaii; B.A. (University of Hawaii); M.A.; *Psychology*; *Dr. Frank M. Fletcher*
- Barbara Bonar Moore, Columbus; B.S.Ed. (University of Akron); M.A.; *Education*; *Dr. Aaron J. Miller*
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- Darrow Edward Neves, Columbus; B.S.; *Biochemistry*; *Dr. Roy A. Scott, III*
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- Victor Kwame Nyanteng, Legon, Ghana; B.Sc., M.Sc. (University of Ghana); *Agricultural Economics and Rural Sociology*; *Dr. Dennis R. Henderson*
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- Simeon Ogbularo Okpechi, Baton Rouge, La.; B.S. in Bus. (Southern University and Agricultural and Mechanical College); M.S. (Louisiana State University and Agricultural and Mechanical College); *Accounting*; *Dr. Thomas J. Burns*
- Glenn Seito Omura, Columbus; B.A. (Michigan State University); *Business Administration*; *Dr. W. Wayne Talarzyk*
- Patrick Joseph O'Neill, Columbus; B.S.Pharm.; *Pharmacy*; *Dr. Ralf G. Rahwan*
- Allan Bruce Padderud, Chicago, Ill.; A.B. (University of Illinois); M.A.; *Communication*; *Dr. Joseph M. Foley*
- Surat Palalikit, Bangkok, Thailand; B.S. (Mahidol University); M.S.; *Chemistry*; *Dr. Isaiah Shavitt*
- Victor Francisco Palma Valderrama, Brasilia, Brazil; Ingeniero Agronomo (Agrarian University); M.S. (Federal University of Vicosa); *Agricultural Economics and Rural Sociology*; *Dr. Norman Rask*
- Yong Park, Seoul, Korea; B.S., M.S. (Dongguk University); M.S. (University of California); *Food Science and Nutrition*; *Dr. Emil M. Mikolajcik*
- Bruce Lynn Partin, Meridian, Miss.; B.A. (Misslips College); *Theatre*; *Dr. Roy H. Bowen*
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- Kenneth Tyler Rainey, Clinton, Miss.; B.A. (Mississippi College); M.A. (University of Michigan); B.D. (New Orleans Theological Seminary); Th.D. (Baptist Theological Seminary); *English*; *Dr. Daniel R. Barnes*
- Dean Clinton Reeder, Mt. Vernon; B.A. (Long Beach State College); B.S.Ed.; M.Ed. (University of Toledo); *Education*; *Dr. George L. Lewis*
- Jeffrey Michael Reutter, Willoughby; B.S.Agr., M.S.; *Environmental Biology*; *Dr. Charles E. Herdendorf*
- James Malcolm Richmond, Culver, Ind.; B.A. (Adelphi University); M.S. (Syracuse University); *Education*; *Dr. Robert W. Howe*
- Richard Byram Rivir, Richmond, Ind.; B.S. (Purdue University); M.S.; *Aeronautical and Astronautical Engineering*; *Dr. Rudolph Edse*
- Victoria Lynne Rivizzigno, Columbus; B.S.Ed. (State University of New York College at Buffalo); M.A. (State University of New York at Buffalo); *Geography*; *Dr. Reginald G. Gollledge*
- Syed Shaikat Husain Rizvi, Allahabad, India; B.Sc., M.Sc. (Panjab University); *Food Science and Nutrition*; *Dr. John L. Blaisdell*
- John Willie Roberts, Columbus; B.A. (Tusculum College); *English*; *Dr. Patrick B. Mullen*
- Frederick Karl Roehrig, Columbus; B.S.M.E. (Bradley University); M.S. (University of Illinois); *Metallurgical Engineering*; *Dr. David A. Rigney*
- Sheila Rakusin Ronis, Columbus; B.S.Ed., M.A.; *Education*; *Dr. Donald P. Sauders*
- George Alexander Ross, Columbus; B.A. (DePauw University); M.A.; *Sociology*; *Dr. Russell R. Dynes*
- Grant C. Rudisill, Columbus; B.S. (West Virginia State College); M.A.; *Education*; *Dr. Aaron J. Miller*
- Maria Margarita Salazar, Chacao, Venezuela; Farmaceutico, Post.Grad. (Universidad Central de Venezuela); *Pharmacy*; *Dr. Popat N. Patil*
- Saeed Samiee Esfahani, Tehran, Iran; B.S. (Brigham Young University); M.B.A. (California State College at Long Beach); *Business Administration*; *Dr. Bernard J. LaLonde*
- Frederick Kurt Schack, Canoga Park, Calif.; B.A., M.A. (California State University at Northridge); *Physical Education*; *Dr. Walter F. Erving and Dr. John O. Cooper*

- Madelyn Allen Schaefer, Wheatridge, Colo.; B.A. (University of Colorado); M.A.; *Psychology*; Dr. Herbert E. Rie
- Stanley E. Schumacher, Columbus; B. of Music, M.M. (Butler University); *Music*; Dr. Norman Phelps
- William Allen Schwab, Hamilton; B.A. (Miami University); M.A. (University of Akron); M.A.; *Sociology*; Dr. Kent P. Schwirian
- Jay Scott Segal, Brooklyn, N. Y.; M.S. (Brooklyn College); *Health Education (Physical Education)*; Dr. Robert Kaplan
- Richard John Semenik, Kearny, N. J.; B.B.A. (University of Michigan); M.B.A. (Michigan State University); *Business Administration*; Dr. Frederick D. Sturdivant
- Joan Novakowski Shapiro, Hartford, Conn.; B.A. (University of Connecticut); M.S. (Central Connecticut State College); *Education*; Dr. Thomas M. Stephens
- Francine Shuchat Shaw, Rochester, N. Y.; B.S.Ed., M.A.; *Education*; Dr. Donald R. Bateman
- Richard Porter Shoemaker, Orange, Calif.; B.A., M.A. (Long Beach State College); *Education*; Dr. Lonnie H. Wagstaff
- Michael Jan Showalter, Fostoria; B.S. in Bus. Adm., M.B.A. (Bowling Green State University); *Business Administration*; Dr. Leroy J. Krajewski
- Marilyn Brick Silver, Chestertown, Md.; A.B. (Temple University); M.A.; *English*; Dr. Suzanne Ferguson
- Cleavonne Singleton, Fairfield, Ala.; B.A. (Miles College); M.A.; *Communication*; Dr. John W. Black
- Robinson Panahatan Situmeang, Bandung, Indonesia; M.S. (State University of New York at Albany); M.S. (Miami University); *Interdisciplinary*; *Education, Statistics*; Dr. Harold C. Trimble
- Nancy Rains Slotthower, Columbus; B.A. (Maryland University); M.A.; *Psychology*; Dr. Jacques Kaswan
- Robert James Smith, Tallahassee, Fla.; B.A. (Florida Agricultural and Mechanical University); M.A.; *Psychology*; Dr. Thomas M. Ostrom
- Arnold Roy Spokane, Lexington, Ky.; A.B. (Ohio University); M.A.Ed. (University of Kentucky); *Psychology*; Dr. W. Bruce Walsh
- Susan Louisa Steiner, Saratoga Springs, N. Y.; B.A. (Keuka College); M.A. (State University of New York at Albany); *Education*; Dr. Frank Zidonis
- Steven White Straw, Salt Lake City, Utah; B.S. (University of Utah); M.A.; *Business Administration*; Dr. Bernard J. LaLonde
- Dudley Bourne Swetland, Worthington; B.F.A., M.A. (Kent State University); *Theatre*; Dr. Roy H. Bowen
- Stanley Robert Swier, Utica, N. Y.; B.S. (Utica College of Syracuse University); M.S. (Northern Arizona University); *Entomology*; Dr. Roy W. Rings and Dr. Walter C. Rothenbuhler
- Julianna Elaine Szilagyi, Cleveland; B.S., M.S. (Cleveland State University); *Physiology*; Dr. Harold S. Weiss
- Sai-Teo Tan, Trengganu, Malaysia; B.Sc., B.Sc. (University of Malaya); *Biochemistry*; Dr. George A. Marzlef
- Benjamin Ebo Tei, Winneba, Ghana; B.A. (University of Ghana); M.A.; *Psychology*; Dr. Dean H. Owen
- Mary Diane Thoesen, Columbus; B.S. (Saint Joseph's College); *Physiological Chemistry*; Dr. Norman Allen
- Joseph Edgar Thomas, III, Columbus; B.Mus. (Miami University); M.A. (University of Rochester); *Music*; Dr. Norman Phelps
- Anna Hsin Tso, Normal, Ill.; B.L. (National Taiwan University); M.S.Ed. (Illinois State University); *Education*; Dr. Desmond L. Cook
- Marshall Raymond Turley, Columbus; B.S.Ed., M.A.; *Music*; Dr. A. Peter Costanza
- James Nathaniel Upton, Columbus; B.A., M.A.; *Political Science*; Dr. William E. Nelson, Jr.
- Ernestine Neuhardt Vanderveen, San Antonio, Tex.; B.S.H.E. (Montana State College); M.S. (George Washington University); *Home Economics*; Dr. Rachel M. Hubbard
- Carl Edward Van Horn, Pittsburgh, Pa.; B.A. (University of Pittsburgh); M.A.; *Political Science*; Dr. Randall B. Ripley
- William Edward Volz, Ames, Ia.; B.S. (Iowa State University of Science and Technology); *Chemistry*; Dr. Leo A. Paquette
- Paul H. Waddy, Opelika, Ala.; B.S. (Alabama Agricultural and Mechanical University); M.Ed. (Tuskegee Institute); *Agricultural Education*; Dr. Clarence J. Cunningham
- Harry Neff Waldron, III, Natchitoches, La.; B.A. (Northwestern State College of Louisiana); M.A.; *History*; Dr. Franklin J. Pegues
- Sharon Anita Walker, Lexington, Ky.; B.A. (Kentucky State College); M.A.; *Education*; Dr. Robert J. Silverman
- Deborah Sue Wallace, Lancaster; B.S.Ed. (Ohio University); M.A.; *Education*; Dr. Vance W. Cotter
- Leigh Rice Washburn, Columbus; B.A. (Drake University); *Medical Microbiology*; Dr. Norman L. Somerson
- Thomas Charles Webster, Columbus; B.A. (Graceland College); M.A.; *Public Administration*; Dr. Richard A. Rettig
- Norman William West, London, Ont., Canada; B.P.H.E., B.Ed., B.A. (University of Toronto); *Health Education (Physical Education)*; Dr. Robert Kaplan
- Carol Swanson Wheeler, Columbus; B.S.H.E., M.A. (California State College at Long Beach); *Home Economics*; Dr. Joan Gritzmacher
- Jeanne White Wilkins, Chapel Hill, N. C.; B.S. (Eastern Michigan University); M.A. (University of North Carolina); *Theatre*; Dr. Roy H. Bowen
- Douglas Alden Wille, Dayton; B.S. (City College of New York); M.S.; *Physics*; Dr. Richard C. Nelson
- Patricia Ann Worthy Winkfield, Canton; B.Art Ed., M.A.; *Education*; Dr. William D. Dowling
- Wai-Leung Wong, East Brunswick, N. J.; B.A. (New Asia College, Hong Kong); M.S. (Oklahoma State University); M.A.; *East Asian Languages and Literatures*; Dr. David Y. Chen
- Paul Henry Wozniak, Erie, Pa.; B.A. (Gannon College); M.A. (University of Detroit); *Education*; Dr. Harold C. Trimble
- Bruce Butler Wright, Pierpont; B.S.Agr., B.S.Ed.; *Food Science and Nutrition*; Dr. Paul M. T. Haiseu
- Warren Phillip Yarnell, Silver Spring, Md.; B.A. (George Washington University); M.A.; *Political Science*; Dr. Aage R. Clausen
- John Harry Yates, Absecon, N. J.; B.S. (Case Western Reserve University); M.S.; *Chemistry*; Dr. Russell M. Pitzer
- Jeffrey Alliger Yoder, West Liberty; B.S., M.S.; *Mathematics*; Dr. Earl J. Mickle
- Patricia Kay Zingheim, North Palm Beach, Fla.; A.B. (University of Michigan); M.A.; *Psychology*; Dr. Curt A. Sandman

Master of Accounting

Four candidates

(Field of Specialization is in *italics*)Roberta Lee Decker, Columbus;
B.S.Ed., M.A.; *Accounting*Harold Harry Jones, Van Wert;
B.S.Agr.; *Accounting*Brian Dustman Knoef, Columbus;
B.A.; *Accounting*Michael John Shilts, Mogadore;
B.A. (University of Akron); *Accounting***Master of Architecture**

Two candidates

(Field of Specialization is in *italics*)Bruce Robinson Chase, Kennebunk, Maine;
B.S.Arch.; *Architecture*Ekaphong Chulasanie, Bangkok, Thailand;
B.Arch. (Chulalongkorn University);
*Architecture***Master of Arts**

Five hundred and two candidates

(Field of Specialization is in *italics*)Olatunji Olupelu Abayomi,
Okeagebe, Nigeria; B.A.; *Communication*Annette Davis Adams, Columbus;
B.S.Ed.; *Education*Gerald Lee Agner, Ottawa;
B.S.Ed.; *Education*Elsa Smith Allen, Columbus;
B.S.Soc.Adm., B.S.Ed.; *Education*Evelyn Carole Anderson, Springfield;
B.A.; *Geography*Richard Edward Anderson,
Saddle Brook, N. J.;
B.S. (Trenton State College);
*Physical Education*Robert Clayton Andrews, III,
Winona, Minn.; B.F.A. (Ohio University);
*Art Education*Tyrus Lee Ankrom, Circleville;
B.A. (Capital University); *Education*Gail Harrison Apgar, Columbus;
B.S.Ed.; *Education*Stuart Lee Appelbaum, Cleveland;
B.S.Ed.; *Education*Patricia Sue Ardovino,
East Norwich, N. Y.;
B.S.Ed.; *Physical Education*Bruce Wayne Armstrong, Shelby;
B.S.Ed.; *Education*Laura Mae Armstrong, Columbus;
B.A.; *Education*Joanna Marie Arnholt, Londonville;
B.S.Ed.; *Education*Rita Botchie Auckerman, Westerville;
B.S.Ed.; *Education*Paul Martin Aucoin, Loveland;
B.A., J.D.; *Public Administration*John Robert Aylesworth, Cincinnati;
B.A. (Muskingum College); *Education*Robert Ignatius Baeslack, Westerville;
B.S.Ed.; *Education*Elizabeth Anne Baker, Mansfield;
B.A. (Miami University); *Education*David Alan Barbor, Groveport;
B.A. (Capital University); *Education*Robert Evan Baskin, Shaker Heights;
B.A.; *Journalism*Gary Richard Bast, Galloway;
B.A.; *Public Administration*Christine Marie Bauer, Upper Sandusky;
B.S.Ed.; *Education*Mary Clare Hummer Bauer, Columbus;
B.S.Ed. (Ohio Dominican College);
*Education*Denise Adele Baumbusch, Grove City;
B.S.Ed.; *Education*Esther Beachy, Columbus;
B.S.Ed.; *Education*Rebecca Sue Beatty, Marengo;
B.S.Ed. (Otterbein College); *Education*Jerry Ray Bell, Barberton;
B.S.Ed.; *Physical Education*Ellen Marion Bennett, Columbus;
B.A. (Hillsdale College); *Journalism*Hardy Gene Bennett, Washington, D.C.;
B.A. (American University); *Education*Ralph Benziger, Delaware;
B.A. (Capital University); *Education*Sandra Brouck Berkowitz, Andover, Mass.;
B.A.Ed. (University of Massachusetts);
*Education*Robert Tracey Beverly, Columbus;
B.S.Ed.; *Education*Richard Henry Bielecki, Attica, N. Y.;
B.S.Ed. (State University of New York
College at Buffalo); *Education*Jule Alexis Bishop, Chicago, Ill.;
B.A. (University of Illinois); *Education*Walt Bogdanich, Gary, Ind.;
*Journalism*Frank Alan Book, Cortland;
B.A. (Ohio Wesleyan University);
*Physical Education*Danny Lewis Boone, Columbus;
B.S.Ed. (Central State University);
*Education*Anita Jean Booth, Xenia;
B.S.Ed. (Kent State University);
*Education*Jeffrey Lynn Booth, Amsterdam;
B.S.Ed.; *Physical Education*Erik Robert Borchers, Columbus;
B.A.; *Political Science*Keith Michael Bossard, Columbus;
B.A., B.S.Ed.; *Education*Anita Jean Bowman, New Carlisle;
B.S.Ed.; *Education*Judith Wickline Bowman, Columbus;
B.S.Ed.; *Education*Diane Schempp Boyd, Columbus;
B.S.Ed. (Kent State University);
*Education*Nancy Allison Boyd, Washington, Pa.;
B.S.Ed.; *Education*Michael Lindsey Boyer, Lancaster;
B.S.J. (Ohio University); *Journalism*Robert Armando Bracco, Munster, Ind.;
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*Public Administration*James Richard Brennan,
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B.S. (Springfield College);
*Physical Education*Robert Leslie Brenning, New Albany;
B.S.Ed. (Capital University);
*Physical Education*Eleanor Leslie Briggs, Columbus;
B.S.Ed.; *Education*Janice Ruth Brittan, Arlington, Mass.;
A.B. (Dickinson College); *Classics*Ellis Richard Bromberg, Columbus;
B.A. (State University of New York at
Binghamton); *Journalism*Linda Hammock Brooks, Columbus;
B.S.Ed.; *Education*Thomas Pierce Brooks, Jr., Dallas, Tex.;
B.A. (Baylor University); *Journalism*Gracia E. Greene Brown, Columbus;
B.S.Ed. (Central State University);
*Education*Lillian Mardell Brown, Newport News, Va.;
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*Public Administration*Linda Yeager Brown, Westerville;
B.S.Ed. (Southwest Texas State
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B.S.Ed.; *Education*Suzanne Rice Buelow, Columbus;
B.S.Ed.; *Education*Barbara Anne Bunning, Fort Thomas, Ky.;
B.A. (Miami University); *Education*Linda L. Burgess, Wheelersburg;
B.S.Ed. (Ohio University); *Education*Patricia Lee Burke, Columbus;
B.S.Ed.; *Education*Raymond Chris Burnett, Ashland;
B.A. (Ohio Wesleyan University);
*Journalism*Valerie Asteria Caldwell, Kannapolis, N. C.;
B.S. (Winston-Salem State University);
*Black Studies*Carol Balliett Calhoun, Columbus;
B.S.Ed.; *Education*Charlotte Nicholson Campbell, Troy;
B.S. (Middle Tennessee State University);
M.S. (University of Tennessee); *Education*

Brenda Faye Cannady, Raleigh, N. C.;
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Michele Sue Carpenter, Columbus;
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Physical Education

Harold Lloyd Carter, Columbus;
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B.S. (Florida State University); *Education*

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Education

Cathy Lynn Day, Columbus;
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Education

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B.S. (Fayetteville State University);
Education

Alfred Smith Forsyth, Jr., Columbus;
B.A. (Brown University);
M.A. (Columbia University); *Education*

William Fredrick Foster, Columbus;
B.Art Ed. *Art Education*

Barry Steven Fox, Columbus;
B.S.Ed.; *Education*

Jane Healy Fox, Columbus;
B.A. (College of Saint Teresa); *Education*

Karen Hope Frank, Reynoldsburg;
B.A. (Marietta College); *Education*

Rhonda Lorraine Freedman, Columbus;
B.S.Ed.; *Education*

Barbara Frisch, Aurora;
B.S. (Indiana University);
Physical Education

Willie Jerome Fuller, Mulga, Ala.;
B.S. (Alabama Agricultural and
Mechanical University); *Black Studies*

Deborah Lynn Futscher, Berkeley, Calif.;
B.A. (University of California);
Psychology

Ursula Scheufele Gaber, Columbus;
B.S.Ed.; *Education*

Linda Suttles Gaffey, Delaware;
B.S. (Kent State University); *Education*

Diana Neal Galbreath, Columbus;
B.A.; *History*

Gregory Allen Garman, Reynoldsburg;
B.A. (Capital University); *Education*

James William Garrett, Westerville;
B.A. (Miami University); *Education*

Kirk Arthur Gay, Columbus;
B.A. (Georgetown College);
M.Div. (Southern Baptist Theological
Seminary); *Classes*

Kathy Sue Geer, Norwalk;
B.A. (Ohio Wesleyan University);
Journalism

JoAnn Marie Giardino, Columbus;
B.S.Ed. (Ohio University); *Education*

Mary Louise Gibbons, Solon;
B.A. (Hiram College); *Physical Education*

Jean Dorff Gibson, Ashville;
B.S.Ed.; *Education*

Wanda Diller Gilligan, Newark;
B.S.Ed. (Ohio Dominican College);
Education

L. Dianne Gillmor, Worthington;
B.A. (Ohio Wesleyan University);
Education

Carlos Owens Gilmore, Pittsburgh, Pa.;
B.A. (University of Pittsburgh);
Black Studies

Rhoda Morger Golden, Powell;
B.S. (Eastern Michigan University);
Education

- Barbara Anne Goldstein, Ashtabula;
B.S.H.S. (Ohio University); *Education*
- Terry Glen Gooding, Lima;
B.A. (Central State University);
Journalism
- Gayle Waite Gorius, Heath;
B.S.Ed.; *Education*
- Chris Alan Graves, Groveport;
B.S.Ed.; *Education*
- Patricia Ann Greiner, Mt. Joy, Pa.;
B.A. (University of Delaware); *English*
- Max Eugene Griffith, Marion;
B.A. (Ohio Wesleyan University); M.A.;
Education
- Barbara Davis Grindstaff, Columbus;
B.S.Ed. (Southeast Missouri State
University); *Communication*
- Kathy Griffiths Grissom, Columbus;
B.S.Ed.; *Education*
- Joanna Ronk Grosh, Cedarville;
B.A. (Cedarville College); *English*
- Jeanne Bilger Gross, Westerville;
B.Mus.Ed. (Otterbein College); *Music*
- Gerald Sherman Gurney,
Cleveland Heights; B.S.Ed.; *Education*
- Judith Claire Hagan, Worthington;
B.A. (Ohio Wesleyan University);
Art Education
- Dolores Annette Hagwood,
Patrick Springs, Va.;
B.S. (Virginia State College); *Education*
- Darla Hall-Barrett, Canfield;
B.A. (College of Wooster); *Education*
- Gregory Edward Hamot, Chicago, Ill.;
B.A. (Northwestern University);
Education
- Neal Leonard Handler, Circleville;
B.S.Ed.; *Education*
- Lawrence Gerald Harms, Hilliard;
B.S.Ed.; *Education*
- Cynthia Olivia Harris, Hurt, Va.;
B.S.Ed. (Virginia State College);
Education
- Janza Helene Harris, Fort Valley, Ga.;
B.S.Ed.; *Education*
- Simon Richard Harris,
Birmingham, England;
B.A. (Cambridge University); *Geography*
- Joanna Leslie Hart, Columbus;
B.A.; *Education*
- Shirley Ann Stewart Hartlage,
Worthington; B.S. (Michigan State
University); *Education*
- Janet Regula Hartnett, Columbus;
B.A., B.S.Ed.; *Education*
- Susan Esther Haskins, Grove City;
B.S. (Capital University); *Education*
- Alan Barker Hayes, Sherrill, N. Y.;
B.A. (Ohio Wesleyan University);
Education
- Rosemary Robisch Hays, Columbus;
B.S.Ed. (Ball State University); *Education*
- Barbara Ellen Heilman, Mansfield;
B.S.Ed.; *Education*
- David Virgil Hellard, Grove City;
B.S.Ed. (Miami University); M.A.;
Public Administration
- Charles Allen Henderson, Waynesville;
B.S.Ed.; *Education*
- Carol Ann Higgins, Millington, N. J.;
B.A. (Ohio Wesleyan University); *German*
- Nancy Suzanne Higgins, Columbus;
B.A. (Mary Baldwin College);
Public Administration
- Edward Alan Hirsch, Chicago, Ill.;
B.A. (Grinnell College); *Education*
- Jay Stanley Hobgood, Tuscaloosa, Ala.;
B.A.; *Geography*
- Marilyn Sue Morris Hoefinger, Columbus;
B.S.Ed.; *Education*
- Lynn A. Hokanson, Jamestown, N. Y.;
B.S.Ed. (Otterbein College); *Education*
- Steven Kendall Holloway, Columbus;
B.A.; *Political Science*
- Felix Alfred Hoover, Columbus;
B.A.; *Journalism*
- Deborah Jean Horne, Newport News, Va.;
B.A. (Hampton Institute); *Journalism*
- Ann Auxter Horner, Lindsey;
B.S.Ed.; *Education*
- Lona Jean Howard, Columbus;
B.S.Ed. (Lincoln University); *Education*
- Bertha Bernetta Howell,
Newport News, Va.;
B.S. (West Virginia State College);
Education
- James Joseph Hurley, Columbus;
B.A. (Don Bosco College);
M.A. (Pontifical College Josephinum);
M.A. (Tulane University); *Journalism*
- Ronald Lee Hutcheson, Bowling Green;
B.S.Ed. (Bowling Green State University);
Physical Education
- Charles Gary Iams, Marion;
B.Mus. (Capital University); *Music*
- Vanessa Gaynetta Isaacs,
Chesertown, Md.;
B.A. (University of Maryland); *Journalism*
- Margaret Denune Jeffers, Granville;
B.S.Ed.; *Education*
- Wanda Jefferson, Chicago, Ill.;
B.S. (Mac Murray College);
Physical Education
- Agnes Patrick Jennings,
Huntington, W. Va.;
B.A. (Marshall University); *Education*
- Alice Lord Johns, Harrisburg, Pa.;
B.S. (Pennsylvania State University);
Education
- Andrea Celeste Johnson, Toledo;
B.Ed. (Toledo State University);
Education
- Judith Lynne Johnson, Lancaster;
B.G.S. (Ohio University); *Sociology*
- Mary Arnold Johnson, Columbus;
B.S.Ed.; *Education*
- Michael Anthony Jolley, Columbus;
B.S.Ed.; *Education*
- Jerry Keith Jones, Canal Winchester;
B.S.Ed.; *Education*
- Thomas Allen Jones, Columbus;
B.S.Ed. (Missouri Western College);
History
- Faith Lynette Justice, Whisler;
B.S.Ed.; *Education*
- Thomas Eugene Kaelber, Ostrander;
B.S.Ed.; *Education*
- Laurence Gary Kantor, Fairlawn, N. J.;
A.B. (Rutgers University); *Economics*
- Diane Romaine Linder Karlovec,
Cincinnati; B.A.; *Education*
- Richard Todd Kaser, Westerville;
B.S.Jour. (Ohio University); *Journalism*
- Leslie Anne Kayser, Columbus;
B.S.Ed.; *Education*
- Lois Brown Keaton, Marengo;
B.S.Ed. (Otterbein College); *Education*
- Roberta Ramskill Keller, Attica;
B.S.Ed.; *Education*
- Ruby Kay Kenton, Hilliard;
B.S.Ed.; *Education*
- Diana Grogg Keflinger, Shelby;
B.S.Ed.; *Education*
- Steven LaMoyné Kersey, Marion;
B.A.; *Education*
- Kathleen Estelle Kiefer, Dayton;
B.A. (University of Dayton); *English*
- Joseph Michael King, Hanover;
B.A.; *Political Science*
- Michael L. King, Trotwood;
B.A.; *English*
- Patricia Lou King, Bellefontaine;
B.S.Ed. (Bowling Green State University);
Education
- Francine Klodawsky, Toronto, Ont.,
Canada; B.A. (University of Toronto);
Geography
- Mary Taraba Knapp, Columbus;
B.S.Ed. (Ohio Dominican College);
Education
- John Harry Knight, Missoula, Mont.;
B.A. (Montana State University);
Philosophy
- Catherine W. Kohen, Columbus;
B.S.Ed.; *Education*
- John Lawrence Kolar, Akron;
B.S.Ed.; *Education*
- Betty Carmen Rodriguez Kondrich,
Lakewood; B.S.Ed.; *Education*
- Andrea Klara Kool, Shaker Heights;
B.S.Ed.; *Physical Education*
- Gwendolyn Kramer, Marion;
B.A. (Ohio Wesleyan University);
Education
- Sarah Diehl Kriska, Columbus;
B.S.Ed.; *Education*
- Rebecca Owens Krueger, Delaware;
B.A. (Hanover College); *Education*
- Marianne Wilkinson Kubat, Toledo;
B.Ed. (University of Toledo); *Education*
- Phyllis Watts Lafontaine, New Riegel;
B.A. (State University of New York
College at Potsdam); *Education*

- Donald Eugene Lakin, Columbus; B.S.Ed.; *Education*
- Ruth H. Lapp, Westerville; B.A. (Otterbein College); *Education*
- Scott Roland Larson, Shafter, Calif.; B.A. (University of California at Santa Barbara); *Journalism*
- Charles Joseph Lauferweiler, Columbus; B.A.; *Communication*
- Patricia A. Laurick, Columbus; B.S.Ed. (Ohio University); *Education*
- Shelley Marie Lauzon, Fairhaven, Mass.; B.A. (University of Massachusetts); *Journalism*
- Darryl P. A. LeDuff, New Orleans, La.; B.A. (Louisiana State University); M.A.; *Sociology*
- Jerry G. Leonard, Bedford; B.S.Ed.; *Physical Education*
- Aaron J. Leventhal, Cleveland; B.S.Bus.Adm.; M.S. (Indiana University); *History*
- Darcy K. Lewis, Windfall, Ind. B.A. (Indiana University); *Education*
- Doryce K. Lewis, Columbus; B.S.Ed. (Miami University); *Education*
- Lois Ann Linderman, Danville, Ill.; B.S. (Oregon State University); *Education*
- Sandra LuJean Lindsey, Ooltewah, Tenn.; B.A. (Lane College); *Education*
- Dorothy M. Linster, Stuart, Va.; B.S.Ed. (Virginia State College); *Education*
- Mary Margaret Clark Litzinger, Columbus; B.A. (College of Mount Saint Joseph on the Ohio); *Education*
- Kenneth Alan Long, Fort Wayne, Ind.; B.A. (Purdue University); *Philosophy*
- Carl E. Lowe, Columbus; B.S.Ed.; *Education*
- Janet Elizabeth Lowe, Parkersburg, W. Va.; B.Art Ed.; *Art Education*
- Christopher Dean Lucas, Mt. Vernon; B.S.Ed.; *Education*
- Randall Lee Lutz, Kokomo, Ind.; A.B. (Indiana University); *Public Administration*
- Shirley Maase, Chestertown, Md.; B.A.; *Communication*
- Bernadette R. Mack, Elyria; A.A. (Lorain County Community College); A.B.Sec.Edu. (West Liberty State College); *Physical Education*
- Elizabeth Ann Madson, Williamsville, N.Y.; B.A. (Ohio Wesleyan University); *Education*
- John Howard Maher, Columbus; B.A. (Michigan State University); *Journalism*
- Paul A. Many, New York, N. Y.; B.A. (Saint John's University); *Journalism*
- Deborah Means Marhefka, Portsmouth; B.S.Ed. (Ohio University); *Education*
- Deborah Elaine Mariner, Norfolk, Va.; B.S. (Hampton Institute); *Education*
- Judith Marsh, Fort Lee, N. J.; B.S.Ed.; *Education*
- Mary Kathleen Marvel, Evansville, Ind.; B.A. (Indiana University); *Political Science*
- Carey Anthony Mason, Louisville, Ky.; B.A. (University of Kentucky); *Black Studies*
- Mary L. Salter Massey, Tennesse, Ga.; B.A. (Morris Brown College); *Education*
- Mary Taylor Mathis, Westerville; B.S. (Murray State University); *Education*
- Michael Matlock, Jackson, Miss.; B.S. (Lincoln University); *Physical Education*
- Victoria E. May, Mobile, Ala.; A.A. (Mobile State University); B.S. (Alabama Agricultural and Mechanical University); *Education*
- Olen Nelson McAllister, Byhalia; B.S. (Wilmington College); *Education*
- Harriet Wain McBride, Columbus; B.S.Ed.; *Political Science*
- Patrick J. McCarren, Columbus; B.S.Ed.; *Education*
- Irma Jean McCorkle, Warren; B.A. (Miami University); *Education*
- Jerry David McCreery, Baltimore; B.S. (Capital University); B.S.Ed.; *Education*
- Jill Wunderle McIntyre, Columbus; B.S.Ed.; *Education*
- Nancy Carol McKinstry, Lancaster; B.A.; B.S.Ed.; *Education*
- Dean A. McQuown, Lyndhurst; B.A. (College of Wooster); *Business Administration*
- Jean Dalzell McVicar, Mansfield; B.S.Ed.; *Education*
- Andrea Alfredo McWhorter, Mobile, Ala.; B.S. (Alcorn State University); *Education*
- Mary Lou Zimmermann Meacham, Mansfield; B.Mus.Ed.; *Music*
- Anne McKee Mead, Columbus; B.S.Ed.; *Education*
- Eric Mehl, Columbus; B.F.A.; *Education*
- Virginia Bellan Meyer, Mt. Gilead; B.S. (Ohio University); *Education*
- Janet Sampson Meyers, Gahanna; B.A. (Bluffton College); *Education*
- Cheryl Parzinger Miller, Grove City; B.S.Ed.; *Education*
- Debra Alvenia Miller, Charleston, S. C.; B.A. (Hampton Institute); *Journalism*
- Steven L. Miller, Fostoria; B.L.S., B.S.Ed. (Bowling Green State University); *Education*
- David Kim Millon, Cambridge, Mass.; B.A.; *History*
- Robert Beier Mintz, Fort Washington, Pa.; B.A.; *Education*
- Frances J. Minutilli, Columbus; B.S.Ed.; *Education*
- Howard Ross Mitchell, III, Columbus; B.A. (University of Virginia); *Journalism*
- Jennifer Lynn Moore, Hillsborough, Calif.; B.S. (Mankato State College); *Education*
- Patricia Jean Moran, Poland; B.S. (Miami University); *Communication*
- Matthew Brock Morgan, Orient; B.A. (Muskingum College); *Education*
- Raymond Michael Morris, Hillsboro; B.S.Ed.; *Public Administration*
- Patricia Alice Madigan Morrison, New Concord; B.A. (Muskingum College); *English*
- Charles R. Morrow-Jones, Concordia, Kan.; B.A. (Macalester College); *Geography*
- Hazel A. Morrow-Jones, Willoughby; B.A. (Macalester College); *Geography*
- Rhonda E. Moskowitz, Jamaica, N. Y.; B.A. (Queens College); *Education*
- Thomas Edward Moylan, Carbondale, Pa.; B.A. (University of Scranton); *Journalism*
- Steven Cary Myers, Mt. Hope, W. Va.; B.S., M.A. (West Virginia University); *Economics*
- Pamela Susan Nadell, Livingston; B.A. (Douglass College); *History*
- Daniel Frank Nawrocki, Reynoldsburg; B.S.Ed.; *Music*
- Sharon Ruth Möller Newcomb, Columbus; A.B. (Indiana University); *Education*
- Phiho Nguyen, Monterey, Calif.; B.S. (San Jose State University); *Industrial Design*
- George Victor Nicholl, St. John's, Newfoundland; B.S.Bus.Adm. (Bluffton College); *Education*
- Randall Graham Nichols, Columbus; B.S.Ed.; *Education*
- Gloria Jean Noble, Columbus; B.S.Ed. (Bowling Green State University); *Education*
- Noel Eugene Noblette, Columbus; B.S.Ed.; *Education*
- Theresa Lynn Noon, Columbus; B.S.Ed.; *Education*
- Timothy Lee Nyerges, Parma; B.A.; *Geography*
- Debra Martie Packard, Wooster; B.A. (University of Akron); *Communication*
- Janet Margaret Panach, Natrona Heights, Pa.; B.S. (Pennsylvania State University); *Communication*
- Evalyn Conwell Parks, Worthington; B.A.; *Public Administration*
- Janene Lacey Paulus, Delaware; B.S.Ed.; *Education*
- Linda Cartell Payne, Clearfield, Pa.; B.S.Ed. (Clarion State College); *Education*
- Tony Weldon Pederson, Waco, Tex.; B.A. (Baylor University); *Journalism*
- William David Peer, Columbus; B.S.Ed.; *Physical Education*
- Anthony David Pellegrini, Cranston, R. I.; B.A. (Nasson College); *Education*

- Patricia Lapworth Pellerite, Columbus; B.S.Ed.; *Education*
- Carmenceta R. Perkins, Anna; B.S.Ed.; *Education*
- *Shiranne Yoakam Perkins, Columbus; B.S.; *Education*
- Lawrence George Perrault, Detroit, Mich.; B.A. (Wayne State University); *Journalism*
- Cheryl Beth Peterson, Columbus; B.F.A.; *Journalism*
- Barbara Szucs Pettegrew, Granville; B.S.Ed. (Baldwin-Wallace College); *Education*
- Betty Williams Phillips, Fort Valley, Ga.; B.S. (Fort Valley State College); *Physical Education*
- Bruce Arnold Phillips, Edison; B.S.Ed. (Ohio University); *Communication*
- Benny Joe Pierce, Columbus; B.S.Ed. (Wittenberg University); *Education*
- Angelika Plank, Schärding, Austria; Magister artium (Academy of Fine Arts); *Art Education*
- Cheryl Jeanine Plotner, Marion; B.A. (Ohio Northern University); *Education*
- Janet Elaine Pohlit, Sarver, Pa.; B.S. (Clarion State College); *Education*
- Barry Portnoy, Brooklyn, N. Y.; B.A. (Bernard Baruch College); *Health Education (Physical Education)*
- Mary Patricia Potondi, Ashland; B.S.Ed. (Ashland College); *History*
- Cheryl Lynn Pottorf, Columbus; B.A. (Capital University); *Education*
- Nicole Sainopoulos Potts, Portsmouth; B.A. (Ohio University); *Education*
- Andre Curtis Powell, Columbus; B.S.Ed.; *Physical Education*
- Betty Womack Powell, Portsmouth; B.S.Ed.; *Education*
- William W. Preston, III, Columbus; B.S.Ed.; *Education*
- Christie Price, Columbus; B.S. (California State University at Hayward); *Physical Education*
- Susan Betty Price, Akron; B.S.Ed.; *Education*
- David Pritchard, Oconomowoc, Wis.; B.A. (University of Wisconsin); *Journalism*
- Jacqueline Dozier Ralls, Columbus; B.S.Ed.; *Education*
- Florence Elizabeth Rankin, Columbus; B.A. (Muskingum College); *Education*
- Rebecca Tisdell Rapport, Port Huron, Mich.; B.A. (University of Michigan); *Education*
- Frances Rathel, Houston, Tex.; B.A. (Houston Baptist College); *Education*
- Dolores Ann Rawdon, Columbus; B.S.Ed.; *Education*
- Donald Conrad Reagh, II, Mt. Vernon; B.S.Ed. (Kent State University); *Education*
- Robin Lee Redett, Columbus; B.S.Ed. (Bowling Green State University); *Education*
- Phillip Leslie Redrick, Huntsville, Ala.; B.S. (Alabama Agricultural and Mechanical University); *Education*
- Diane Mishey Reias, Mt. Vernon; B.Mus.Ed. (Capital University); *Music*
- Katherine Kennedy Reist, New Concord; B.A. (Muskingum College); *History*
- Gloria Louise Renneker, Columbus; B.S.Ed.; *Education*
- Linda Louise Dunmire Resch, Columbus; B.S.Ed. (Youngstown State University); *Education*
- Kathleen Marie Resler, Columbus; B.S.Ed.; *Education*
- Arlene Flocken Reynolds, Columbus; B.S.Ed. (Capital University); *Education*
- Walter P. Rhett, Jr., Summerville, S. C.; B.A.; *Black Studies*
- Barbara Jean Rich, Columbus; B.S. (Saint Joseph's College); *Education*
- Anne Hornik Richards, Hilliard; B.S.Ed. (Ohio University); *Education*
- Michele Ann Richter, Thornville; B.S.Ed.; *Physical Education*
- Laura Brunton Riesenber, Columbus; B.A., M.S.; *Journalism*
- Dale T. Robbins, Clyde; B.S.Ed. (Ohio University); *Education*
- Eileen Lucile Roberts, Cleveland; B.A.; *History of Art*
- Thomas Delmer Robey, Reynoldsburg; B.S.Ed.; *Education*
- Andrew Teddy Robinson, West Palm Beach, Fla.; B.S.Ed. (Alabama Agricultural and Mechanical University); *Black Studies*
- Israel Charles Robinson, Jr., Hickory, N. C.; B.S. (Fayetteville State University); *Communication*
- Nancy Norris Robinson, Columbus; B.S.Ed.; *Education*
- Thomas Henry Robinson, Pataskala; B.A. (Marietta College); *Education*
- Margaret Ann Roehl, Newark; B.S.Ed.; *Education*
- Kathy King Roeseemann, Elyria; A.D. (Lorain County Community College); B.S.Ed. (East Stroudsburg State College); *Education*
- Carlos Rojas C., Bogota, Colombia; Licenciado (Universidad Pedagógica Nacional); *Education*
- Thomas Carlton Rolf, Columbus; B.A. (Capital University); *Education*
- Phyllis Ann Rose, Columbus; B.A. (Ohio Wesleyan University); *Education*
- Alan Ross, Charlemont, Mass.; B.A. (Ithaca College); *Journalism*
- Richard Alan Ross, Plain City; B.S.Ed.; *Education*
- Ophelia Sharon Rowe, Campbellsville, Ky.; B.A. (Kentucky State University); *Education*
- Daniel Patrick Rowland, Atlanta, Ga.; A.B. (University of Georgia); *Journalism*
- Renate Barbara Rulle, Delaware; B.S.Ed. (Bowling Green State University); *Education*
- Kellie Jean Saladin, Lorain; B.S.Ed.; *Education*
- Terri Clouse Sandefer, Willard; B.S. (Defiance College); *Education*
- Robert Peter SanGeorge, Buffalo, N. Y.; B.A., B.S. (Syracuse University); *Journalism*
- Debra Jane Savage, Canton; B.A. (Ohio University); *Education*
- Marilyn Weygandt Schaible, Columbus; B.S.Ed.; *Education*
- Susan Jane Scheutzow, Cleveland; B.A. (Kent State University); *Political Science*
- Teresa McGlone Schultz, New York, N. Y.; B.A. (Wellesley College); *Psychology*
- Sandra Schwartz, Elyria; B.S.H.E.; *Education*
- Judith Lynn Scott, Columbus; B.S.Ed.; *Education*
- Patricia Ayn Scott, Oberlin; B.A. (Columbia Union College); M.C.R.P.; *Public Administration*
- Karen Roberts Sellman, Bridgeton, N. J.; B.A. (Chatham College); *Education*
- Charles Richard Shaner, Columbus; B.S.Ed.; *Education*
- Annie Fay Shepard, Knoxville, Tenn.; B.S.Ed. (Knoxville College); *Education*
- Judy Lynne Shepherd, Mansfield; B.S.Ed.; *Education*
- Shirley Louise Sherburne, Eaton, N. Y.; B.A. (State University of New York at Albany); *Education*
- Victoria L. Cox Shonebarger, Lathrup Village, Mich.; B.S.Ed.; *Education*
- Jane Alena Siegrist, Dresden; B.S. (Ohio University); *Education*
- Paul Leslie Simoff, Blasdell, N. Y.; B.A. (Grove City College); *Journalism*
- Roger Charles Tulloch Simon, Wellington, England; Cert. in Ed. (University of Exeter); *Physical Education*
- Deborah Elaine Simpson, San Francisco, Calif.; B.A. (University of California at Santa Barbara); *Education*
- Susan Aleschbach Simpson, Columbus; B.A.Ed. (University of Michigan); *Education*

* To be awarded Posthumously

Janice Kathryn Skromme, Akron; B.A. (University of Akron); *Education*

Constance Noel Smith, Logan, W. Va.; B.S. (West Virginia University); *Communication*

Karen Morgan Smith, Tallmadge; B.S.Ed.; *Education*

Kevin Craig Smith, North Baltimore; B.S.Ed. (Bowling Green State University); *Education*

Nanette Cynthia Marein Smith, Cleveland; B.S.Ed.; *Education*

Steven Alan Smith, Eugene, Ore.; B.S. (University of Oregon); *Journalism*

Thomas Albert Smith, Jr., Columbus; B.S.Ed.; *Education*

Michael James Snoddy, Columbus; B.A.; *Public Administration*

Larry King Solomon, Columbus; B.A. (Kent State University); *Public Administration*

George B. Somerville, Gallipolis; B.A. (Rio Grande College); *English*

Christine Anne Sopp, Columbus; B.S.Ed.; *Education*

Barbara Ruth Thompson Spitzer, Columbus; B.A. (Nebraska Wesleyan University); *Education*

Louis Lane Staffilino, Jr., Mingo Junction; B.S.Ed. (Ohio Dominican College); *Education*

Wanda Kay Stamps, Columbus; B.S.; *Education*

Linda Lou Starner, Marion; B.S.Ed.; *Education*

Brenda Stauffer, Columbus; B.A. (Grace College); *Education*

Constance Virginia Stephens, Cincinnati; B.S. (Ohio University); *Education*

William Elliott Stephenson, Murfreesboro, N. C.; B.A. (University of North Carolina); *Education*

Kelline White Stevens, Columbus; B.S.Ed.; *Education*

Susan Jane Stevenson, Port Clinton; B.A. (Ohio Wesleyan University); *Journalism*

Thomas Wilson Stevenson, Groveport; B.S.Ed.; *Education*

Brenda Braden Stewart, Cambridge; B.S.Ed.; *Education*

Dennis L. Stewart, Circleville; B.S. (Miami University); *Education*

Terry Lee Steinhelfer, Columbus; B.S.Ed.; *Education*

Mildred Ishida Stockdale, Marion; B.S.; *Education*

Candace Jo Stoffel, Paulding; B.Music (Heidelberg College); *Music*

Susan Straley, West Lafayette, Ind.; B.A. (Hanover College); *Physical Education*

Cynthia Ann Straub, Toledo; B.A.; *Education*

Joseph Scott Streb, New Philadelphia; B.S.Bus.Adm.; *Journalism*

William John Streeter, Columbus; B.S.Ed.; *Education*

Linda Brooks Stricklan, Hilliard; B.S.Ed.; *Education*

Nancy K. Strickland, Lancaster; B.S.Ed. (Ohio University); *Education*

Linda Rose Strong, Lancaster; B.S.Ed.; *Education*

Martha Flood Sturtz, Springfield; B.A. (Allegheny College); *Communication*

Tanya Maria Swails, Cleveland; B.A.; *Journalism*

Alice Verity Sweeley, Grove City; B.S.Ed.; *Education*

Marilyn Mitchell Swope, Zanesville; B.S.Ed. (Ohio University); *Education*

Pamela Gearhart Tabak, Youngstown; B.S. in Ed. (Youngstown State University); *Education*

Maryann Hughes Tarp, Delaware; B.S. (Bowling Green State University); *Education*

Bernice Isabelle Taylor, Reedville, Va.; B.S.Ed. (Norfolk State College); *Education*

Deborah Davis Taylor, Columbus; B.S.Ed. (Ashland College); *Education*

Marcia Baxter Taylor, Elida; B.A. (Capital University); *Education*

Nancy Downs Taylor, Worthington; B.S.Ed.; *Education*

Kathy Jane Tellman, Lorain; B.S.Ed.; *Education*

Beverly Ann Terrell, Knoxville, Tenn.; B.S. (University of Tennessee); *Journalism*

Kathryn Pauline Thomas, Columbus; B.S.Ed.; *Education*

Tonda Lee Thomas, Lima; B.S.Ed.; *Education*

Robert Nolan Thompson, Columbus; B.S.; *Education*

Audrey Young Thorburn, Zanesville; B.S.Soc.Wel.; *Education*

Don Earl Tippin, Ashley; B.S.Ed. (Kent State University); *Education*

Laurel Anne Traeger, Beachwood; B.S. (University of Michigan); *Physical Education*

Jeffrey Thomas Traylor, Columbus; B.A.; *Education*

Diana Gail Turner, Mansfield; B.S.Ed.; *Education*

Ellen Balkam Tyson, Washington, D. C.; B.A. (Dunbarton College of Holy Cross); *Education*

Victor Uhas, Columbus; B.S.Bus.Adm. (Ohio University); *Education*

Loren Millard VanDeusen, Columbus; B.S.Ed.; *Education*

Suzanne F. VanHorne, Columbus; B.A. (Sweet Briar College); *Art Education*

Lucy Ona Vasis, Parma; B.S.Ed. (Cleveland State University); *Physical Education*

Joyce Ann Vaughan, Pine Bluff, Ark.; B.A. (University of Arkansas); *Education*

Susan Anne Vayda, Elizabeth, N. J.; B.A. (Rutgers University); *Psychology*

Peggy Dee Vellner, Doylestown, Pa.; B.S. (West Chester State College); *Physical Education*

Dena D. Vessels, Columbus; B.S.Ed. (Kent State University); *Education*

William Gilbert Vickroy, LaCrosse, Wis.; B.S. (University of Wisconsin); *Physical Education*

Voltaire C. Walker, Birmingham, Ala.; B.S. (Delaware State College); *Public Administration*

Connie Lou Waltz, Crook, Colo.; B.A. (University of Colorado); *History of Art*

Georgia Daley Warfield, Columbus; B.S. (Ohio University); *Education*

Robert Lindsay Warner, Barrie, Ont., Canada; B.A., B.P.H.E., B.Ed. (Queen's University at Kingston); *Physical Education*

Patricia Ingram Warren, Miami, Fla.; B.A. (Bethune-Cookman College); *Education*

Mary Iskra Weber, Eugene, Ore.; B.A. (Wellesley College); *Journalism*

Debra Lynn Wegner, Pittsburgh, Pa.; B.S., B.A. (Loyola University); *Education*

David Alan Weisenburger, Mansfield; B.S.Ed. (Bowling Green State University); *Journalism*

Adele Barbara Weiss, New York, N. Y.; B.S.Ed.; *Education*

Mary Williams Weld, Columbus; B.A. (Simpson College); *Education*

Marianne Rose Wenger, Reynoldsburg; B.S.Ed.; *Education*

Eric John Wentz, Cleveland; B.A. (Xavier University); *English*

Marilyn Carol Mauck West, Worthington; B.S.; *Education*

Linda Stark Weston, Rochester, N. Y.; A.A.S. (Monticello College); B.S.Ed. (University of Cincinnati); *Education*

Donald Earle White, Munroe Falls; B.S.; *Psychology*

Evelyn Elinor White, Columbus; B.S.Ed.; *Education*

Evonne Holland Whitmore, Danville, Va.; B.A. (Norfolk State College); *Journalism*

Joan Klingshirn Whitworth, Gahanna; B.S.Ed.; *Education*

Catherine Dimitria Wiant, Burbank;
B.A. (Ohio Wesleyan University);

Education

Wayne William Wiechart, Elida;
B.A.; *Journalism*

Thomas Charles Wilkinson, Columbus;
B.A. (Capital University); *Education*

Jean McStroul Williams, Columbus;
B.S.Ed.; *Education*

Jeffrey Lynn Wilson, Las Vegas, Nev.;
B.A.; *Political Science*

Marilyn Denise Wilson,
Winston Salem, N. C.;
B.S.Ed. (Winston-Salem State University);
Education

Randolph Wilson, Buffalo, N. Y.;
B.S. (Morgan State University);
M.C.R.P.; *Public Administration*

Marsha Winkfield, Cincinnati;
B.S.Ed. (Central State University);
Physical Education

Deborah Rauck Wirth, Grove City;
B.S.Nurs.;
Health Education (Physical Education)

Kathleen Annette Wolf, Columbus;
B.S.Ed.; *Education*

Barbara Wills Wolfe, Columbus;
B.A. (Capital University);
A.A. (Stephens College); *Education*

Christine Panner Wolford, Columbus;
B.Mus.Ed. (Wittenberg University);
Education

Daniel Brooks Wood, Columbus;
B.A. (Miami University); *Journalism*

Robert Eugene Woodruff, Westerville;
B.A. (Otterbein College); *Education*

John Lee Wright, Jr., Columbus;
B.A. (Mount Union College);
Public Administration

Phoebe Beetham Wright, Columbus;
B.S.Ed.; *Education*

Robert Lawrence Wright, West Lafayette;
B.S.Ed.; *Education*

Wilhelmina Yolanda Wright,
Oxon Hill, Md.;
B.S. (Boston University); *Communication*

Paul John Wrobbel, Columbus;
B.S.Ed. (Capital University);
Physical Education

Anita Gordon Wyrick, Amarillo, Tex.;
B.S. (Northwestern University); *Education*

Cynthia Lee Yoder, Columbus;
B.S.Ed.; *Education*

Ellen Mona Yohanan, Heath;
B.S.Ed. (Ohio University); *Education*

Thomas James Zamostny, Cleveland;
B.A. (Kent State University);
Political Science

Ann Beatrice Ziegel, Eaton;
B.S. (Indiana University); *Education*

Christine Ann Zorich, Reynoldsburg;
B.S.Ed. (Miami University); *Education*

Clifford W. Zukin, Menlo Park, Calif.;
B.S. (University of Oregon);
Political Science

Master of Business Administration

Thirty-two candidates

(Field of Specialization is in italics)

John Curtis Adams, Bloomington, Ind.;
B.A. (Indiana Central College); M.A.;
Business Administration

Marcus Lindsay Bennion, Jr., Dayton;
B.S.Bus.Ad.; *Business Administration*

Maria Fontana Bookwalter, Ashland;
B.S.Bus.Ad. (Bowling Green State
University); *Business Administration*

William Lee Bowersock, Lima;
B.S.Bus.Ad.; *Business Administration*

William L. Caplan, Columbus;
B.S.Bus.Ad.; *Business Administration*

Holly Clemson, Chagrin Falls;
B.A. (Hiram College);
Business Administration

John Paul Collins, Columbus;
B.S.Bus.Ad.; *Business Administration*

Michael Rudolf Czinkota,
Samberger, Germany;
Vordiplom (Universitat Erlangen);
Business Administration

William Zachary Esch, Fairview Park;
B.A. (Bowling Green State University);
Business Administration

Troy Stephen Gillespie, St. Albans, W. Va.;
B.S.B.A. (West Virginia State College);
Business Administration

Charles Joseph Haegel, Columbus;
B.S. (University of Pennsylvania);
Business Administration

Patricia Sue Hayes, Elyria;
B.A. (DePauw University);
Business Administration

James Lee Hemmerly, Columbus;
B.S.Bus.Ad.; *Business Administration*

Forest Robert Jacobs, Columbus;
B.S.I.E., B.S.C.I.S.;
Business Administration

Kalu Omoji Kalu, Lagos, Nigeria;
B.S. (Oregon State University);
Business Administration

Stephen John Kiel, Columbus;
B.S.Bus.Ad.; *Business Administration*

Dennis Michael Kosko, Cleveland;
B.S.Ch.E. (Ohio University);
Business Administration

Stephen Dodd Larson, Poland;
B.A. (Youngstown State University);
Business Administration

David T. Mak, Kowloon, Hong Kong;
B.S.E. (University of Wisconsin);
Business Administration

Jon Elden Marshall, Columbus;
B.A. (Oberlin College); M.A. (University
of Chicago); Ph.D.;
Business Administration

Daniel Lee Miller, Columbus;
B.S.C.E.; *Business Administration*

Gerard Edward Modecki, Marietta;
B.S.Bus.Ad.; *Business Administration*

Mardelle Joyce Morantz, Cleveland;
B.S. (Ball State University);
Business Administration

David Alex Pittinger, Columbus;
B.S.; *Business Administration*

Robert Edward Rouault, Jr., Columbus;
B.S.Bus.Ad.; *Business Administration*

Gregory Charles Schuler, Columbus;
B.B.A. (Ohio Wesleyan University);
Business Administration

Uwe-Karl Seeler, Columbus;
B.S.; *Business Administration*

Michael Charles Shtulsaft, Columbus;
B.Eng. (Cooper Union);
Business Administration

Donald Lee Stallard, Cleveland;
B.S. (Kent State University);
Business Administration

David Ernest Taylor, Wooster;
B.A. (Wittenberg University);
Business Administration

Stephen Allen Williams, Cincinnati;
B.S.Bus.Ad. (Indiana University);
Business Administration

Ronald Wolfarth, Louisville;
B.S.Agr.; *Business Administration*

Master of City and Regional Planning

Eight candidates

(Field of Specialization is in italics)

Marcia Idelle Cohen, Long Branch, N. J.;
B.A. (University of Bridgeport);
City and Regional Planning

James Burton Farmer, Columbus;
B.A. (Cornell University); J.D.;
City and Regional Planning

Frank Michael Forgiome, Hebron, N. Y.;
B.A. (Seton Hall University);
City and Regional Planning

William Wong Lum, Salinas, Calif.;
B.A. (University of California at Davis);
City and Regional Planning

Sharon Rice Robinson, Columbus;
B.S.; *City and Regional Planning*

Debra Sue Gross Sidlow, Bellmore, N. Y.;
B.A. (University of Michigan);
City and Regional Planning

Jon Robert Spring, North Canton;
B.A.; *City and Regional Planning*

Robert Marshall Stutz, Dayton;
B.A.; M.C. (University of Richmond);
City and Regional Planning

Master of Fine Arts

Seven candidates

(Field of Specialization is in italics)

Deborah Padway Dekosky,
Milwaukee, Wis.;
B.S. (University of Wisconsin); *Art*
Stephen Ward Hahn, Fort Worth, Tex.;
B.F.A. (East Texas State University); *Art*

- Christy Sophia Park, Columbus; B.S.Ed.; *Art*
- Linda Carmelita Ringle, Corriganville, Md.; B.S. (Frostburg State College); *Art*
- Bertha Sarmina, Findlay; B.F.A. (University of Notre Dame); *Art*
- Terry Paul Speer, Berea; B.F.A., M.A. (Northern Illinois University); *Art*
- Martha Williams Strickland, Columbus; B.F.A. (University of Georgia); *Art*
- Master of Music**
- Four candidates
- (Field of Specialization is in italics)
- Lora Lynn Conner, Charleston, W. Va.; B.Mus.Ed.; *Music*
- Mark Richard Jackson, Charlottesville, Va.; B.Mus. (Iowa State University of Science and Technology); *Music*
- Marjorie Hull Kropp, Columbus; B.A. (Oberlin College); B.Mus. (Capital University); *Music*
- Mark Eugene Moore, Herrin, Ill.; B.S.Mus.Ed. (University of Illinois); *Music*
- Master of Public Administration**
- Two candidates
- (Field of Specialization is in italics)
- William Harry Arnold, Worthington; B.S.; *Public Administration*
- George Edward McCormick, Ashland; B.A.; *Public Administration*
- Master of Science**
- One hundred and ninety-five candidates
- (Field of Specialization is in italics)
- Brent Larsen Adams, Heber City, Utah; *Metallurgical Engineering*
- William Benson Albery, Kettering; B.S. (Wright State University); *Bio-Medical Engineering*
- Carl L. Alden, Wilmington; D.V.M.; *Veterinary Pathobiology*
- Radwan Abdul-Rahman Aljarrah, Irbid, Jordan; B.Sc. (University of Baghdad); *Mathematics*
- Hussam Hussein Al-Khatib, Beirut, Lebanon; B.S. (Florida Agricultural and Mechanical University); *Electrical Engineering*
- Dan Steven Archdeacon, Centerville; B.A. (Earlham College); *Mathematics*
- Ioannis S. Arkoudios, Boston, Mass.; Diploma (Aristotelian University, Greece); *Horticulture*
- Barbara Amy Ashcraft, North Canton; B.S.All'd.Hlth.Prof.; *Animal Science*
- Rose Elizabeth Barry, Marysville; B.S.Nurs.; *Nursing*
- Susan Marie Basta, Macedonia; B.S.Nurs.; *Nursing*
- Wendy Louise Bauer, Columbus; B.S.Nurs. (Capital University); *Nursing*
- Jorge O. Behaine, Columbus; M.D. (Universidad Javeriana, Colombia); Diploma (Universidad de Bogota, Colombia); *Preventive Medicine*
- Janice Vivian Ryan Belcher, Kettering; B.S.Nurs.; *Nursing*
- Richard Lee Bell, Berea; B.S. (Cornell University); *Physiology*
- Harold Wayne Benson, Canal Winchester; B.S.Agr.; *Agricultural Education*
- Verolyn Barnes Bolander, Toledo; B.S.N. (Mount Saint Mary College, New York); *Nursing*
- Robert Mark Boysel, Ridgeway; B.S.; *Physics*
- Teresa Collins Brinker, Mt. Olivet, Ky.; B.S.Nurs. (University of Kentucky); *Nursing*
- Claude Mitchell Brown, III, Toledo; B.S.C.E. (Ohio University); *Civil Engineering*
- Alan Robert Brugler, Burghill; *Agricultural Education*
- Robert Richard Bruner, Jr., Ryegate, Mont.; D.V.M. (Washington State University); *Veterinary Clinical Sciences*
- Michael Charles Burns, Columbus; B.S.; *Microbiology*
- Janet Margaret Byers, Sharon, Pa.; B.S.Nurs. (Saint John College of Cleveland); *Nursing*
- Bruce Byrckett, Dayton; B.S.E.P.; *Electrical Engineering*
- Elaine Louise Caldwell, Royal Oak, Mich.; B.S. (Michigan State University); *Zoology*
- Sharon Marie Camner, Canton; B.S. (University of Dayton); *Mathematics*
- David Merrill Carter, Gallipolis; B.S.Agr.; *Agricultural Education*
- Anastasia Spinelli Cemes, Hamilton; B.S.Nurs.; *Nursing*
- Paul Charles Cheadle, Canal Winchester; B.S.C.E.; *Civil Engineering*
- Tak-Ming Cheung, Kowloon, Hong Kong; B.S.; *Chemistry*
- Stephen Manfrin Clark, Springfield; B.A.A.E.; *Mechanical Engineering*
- Helen Eileen Connolly, Boone, N. C.; B.A. (North Carolina State University); *Horticulture*
- Barbara B. Cornett, Columbus; B.S.Nurs. (University of Maryland); *Nursing*
- Therese D. Crawford, Cleveland Heights; B.S.Occ.Thor.; *Allied Medical Professions*
- David Paul Darr, Fremont; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Arthur Lee Deisher, Bellefontaine; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Mark Richard De La Mater, San Jose, Calif.; B.S. (University of Santa Clara); *Pharmacy*
- William R. DeMott, Columbus; B.A. (College of Wooster); *Environmental Biology*
- Nitin Desai, Bangalore, India; B.S. (Bangalore University); M.S. (University of Mysore); *Food Science and Nutrition*
- Joseph E. Dillard, Arnoldsville, Ga.; B.S.A. (University of Georgia); *Mount Science*
- Everett J. Drake, Columbus; B.S.Agr.; *Agricultural Education*
- Linwood B. Driver, Westerville; B.A. (Shaw University); *Allied Medical Professions*
- Kathy Jeanne Dumont, Downingtown, Pa.; B.S. (Waynesburg College); *Microbiology*
- Patrick Oguguo Ebisi, Bukuru, Nigeria; *Food Science and Nutrition*
- Thomas W. Edwards, Alliance; B.S.Agr.; *Agricultural Education*
- Joel S. Erlitz, Millfield; B.A. (Ohio University); *Dairy Science*
- Badie Naiem Farah, Nazareth, Palestine; B.Sc. (Damascus University, Syria); M.S. (Wayne State University); *Industrial and Systems Engineering*
- Don Richard Faxon, Nolanville, Tex.; B.S. (Auburn University); *Geodetic Science*
- Laura A. Fay, Lakewood; B.S.; *Zoology*
- Bruce Edward Flinchbaugh, Dayton; B.A. (Otterbein College); *Computer and Information Science*
- Herb Joseph Follas, Chesterland; B.S.All'd.Hlth.Prof.; *Allied Medical Professions*
- Su Bang Foo, Pahang, Malaysia; B.S. (Lowell Technological Institute); *Electrical Engineering*
- John Rand Foraker, Adamsville; B.S.Agr.; *Agricultural Education*
- Candace Knapp Fox, Parma; B.S.H.E. (Ohio University); *Home Economics*
- Thomas Gaetano, Westlake; B.S.Agr.; *Agricultural Education*
- Roberto Pedro Gaido, Rosario, Argentina; *Electrical Engineering*

* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics
 † Also Bachelor of Science in Food Science, College of Agriculture and Home Economics

- David Ross Gerber, Wooster;
B.S.Agr.; *Agricultural Education*
- Nancy Lynn Gfeller, Canton;
B.A. (College of Wooster); *Entomology*
- Robert Allen Givens, Louisville;
B.S.Agr.; *Agricultural Education*
- °Gary Carl Groves, Malaga;
Agricultural Economics and Rural Sociology
- Edward A. Haluska, Columbus;
B.S. (Louisiana State University);
Computer and Information Science
- Michael Neal Hampson, Lancaster;
B.S.Agr.; *Agricultural Education*
- Jane Heffernan, Columbus;
B.S.Nurs.; *Nursing*
- Judith Rohrbach Heggie, Columbus;
B.S.N. (Columbia University); *Nursing*
- David Frank Heidel, Cincinnati;
B.S. (Miami University); *Physics*
- Thelma Irwin Holmes, Canal Winchester;
B.S.Nurs.; *Nursing*
- Craig Alan Hoppe, Wooster;
B.A. (College of Wooster); *Dairy Science*
- Nicholas C. Horning, Brookville;
B.S.; *Nuclear Engineering*
- Tammra Williams Horning, Bucyrus;
B.S.; *Nuclear Engineering*
- James R. Hunt, Snowflake, Ariz.;
B.S. (Brigham Young University);
Electrical Engineering
- Elizabeth Ann Jacobs, Chagrin Falls;
B.S.Nurs. (Kent State University);
Nursing
- Diane Schwede Jedlicka, Columbus;
B.S.Nurs.; *Nursing*
- David C. Jenn, Racine, Wis.;
B.S. (University of Wisconsin);
Electrical Engineering
- Dana Sue Johnson, Columbus;
B.S.H.E.; *Home Economics*
- Shirley J. Johnson, Fairborn;
B.A. (Berea College); *Computer and Information Science*
- Krishnamurthi Kannan, Durg, India;
B.Tech., M.Tech. (Indian Institute of Technology); *Computer and Information Science*
- Alice Dee Kanonchoff, Allison Park, Pa.;
B.S.; *Zoology*
- Nandkishore R. Karwa, Nasik Road, India;
B.E. (Karnatak University); *Mechanical Engineering*
- Daniel L. Kelley, Chillicothe;
B.S.Agr.; *Agricultural Education*
- M. Zahir Khan, Bombay, India;
B.Eng. (University of Poona);
Mechanical Engineering
- William Killian, Chicago, Ill.;
B.A. (North Park College); *Chemistry*
- Mark Kirschenbaum, Cleveland;
B.A. (University of Cincinnati);
Mathematics
- Yun Bai Koh, Seoul, Korea
B.S. (Sogang University); *Chemistry*
- Gary M. Kohn, Cleveland;
B.A. (Syracuse University);
M.D. (State University of New York
Upstate Medical Center);
Preventive Medicine
- Raymond J. Krause, Cincinnati;
B.S.Agr.; *Animal Science*
- Michael J. Kray, II, Columbus;
B.I.E.; *Industrial and Systems Engineering*
- David Edward Kuseelman, Columbus;
B.S. (United States Naval Academy);
Natural Resources
- Patricia Ann Kurtz, Cincinnati;
B.S.; *Allied Medical Professions*
- Sandra Kaye Lamb, Elida;
B.S.Ed.; *Home Economics*
- Vernell Denae Larkin, Hopkinsville, Ky.;
B.S. (Kentucky State University);
Home Economics
- Jeffrey Lloyd Laskin, Skokie, Ill.;
A.B. (Indiana University);
D.D.S. (Indiana University School of
Dentistry); *Dentistry*
- Mark David Lazar, Worthington;
B.S.; *Genetics*
- June Bok Lee, Seoul, Korea;
B.S. (Seoul National University);
Metallurgical Engineering
- Stanley Ray Lifer, Ashland;
B.S.Agr.; *Agricultural Education*
- Mary Lee Lofand, Ravenna;
B.S. (Berea College);
Agricultural Education
- Helena Vissman Lupidi, Columbus;
B.A.; *Agricultural Economics and Rural Sociology*
- Larry G. Marr, Gallipolis;
B.S.Agr.; *Agricultural Education*
- Edward H. Marti, Chagrin Falls;
B.S. (Divine Word Seminary); *Chemistry*
- Mildred Kay Mattfeldt, Glasgow, Mont.;
B.S. (Montana State University);
Allied Medical Professions
- Susan Lee McBride, Findlay;
B.A.; *Home Economics*
- Steven Ray McKee, Sunbury;
B.S.Agr.; *Agricultural Education*
- Leslie Ann McWilliams, Trafford, Pa.;
B.S.Nurs. (Duke University); *Nursing*
- David Mee Lee,
Brisbane, Queensland, Australia;
M.B., B.S. (University of Queensland);
Psychiatry
- Hasan Suleman Merchant, Bombay, India;
B.Tech. (Indian Institute of Technology);
Civil Engineering
- °Salim Farid Metti, Baghdad, Iraq;
B.S.E.E. (Illinois Institute of Technology);
Electrical Engineering
- Roger A. Miller, Circleville;
B.S.Agr.; *Agricultural Education*
- Ronald William Mink, Columbus;
B.S.; *Microbiology*
- Douglas Bryan Moore, Circleville;
B.A. (Miami University); M.C.R.P.;
Civil Engineering
- Janet Martha Morgan, North Olmsted;
B.S.Nurs.; *Nursing*
- Martin K. Neal, Martins Ferry;
B.S. (Ohio University); *Microbiology*
- Richard C. Nelson, Bellaire;
B.S. (Ohio University); *Zoology*
- Richard J. Nelson, Lakewood;
B.S. (Kent State University); *Mathematics*
- Elizabeth A. Nies, Syracuse, N. Y.;
B.A. (State University of New York
College at Geneseo); *Developmental Biology*
- Ali Nourai, Tehran, Iran;
B.S.E.E. (Aryamehr University of
Technology); *Electrical Engineering*
- Jeanne Lemire Novotny, Ashtabula;
B.S.Nurs.; *Nursing*
- John William Oldfather, Columbus;
B.S.; *Microbiology*
- John Edward Orban, Cleveland;
B.S. (University of Dayton); *Statistics*
- James Michael Orthmeyer, Ironton;
B.S. (Ohio University); *Computer and Information Science*
- Karen Louise Packard, Columbus;
B.S.Nurs.; *Nursing*
- Joan Jemison Padgett, Wilberforce;
R.N. (Washington Hospital School of
Nursing); B.S.Nurs. (Howard University);
Nursing
- Jan Patranela, Bryan, Tex.;
B.S. (Texas Agricultural and Mechanical
University); *Horticulture*
- Chester Piotrowski, El Paso, Tex.;
B.S. (Michigan State University); *Physics*
- John Thomas Pope, Gallipolis;
B.S.Agr.; *Agricultural Education*
- Judith Ann Puleo, Cleveland;
B.A.; *Preventive Medicine*
- Nonita M. Quesada, Vallejo, Calif.;
A.A. (City College of San Francisco);
B.S.N. (California State University of San
Jose); *Nursing*
- Martha Marie Raile, McConnelsville;
B.S.Nurs. (University of Virginia);
Nursing
- Ralph E. Ramey, Jr., Yellow Springs;
B.S.Agr.; *Natural Resources*
- Richard Joseph Ranaudo,
Waterbury, Conn.;
B.S.E. (University of Connecticut);
Aeronautical and Astronautical Engineering
- Charles G. Replogle, Lebanon;
B.S. (Pennsylvania State University);
Agricultural Education
- William Richard Rice, Novelty;
B.S. (Cleveland State University); *Zoology*
- Frederick Karl Richmond, New York, N. Y.;
B.A. (State University of New York at
Binghamton); *Allied Medical Professions*
- Mary Susanna Roberts, Radnor;
B.S.H.E.; *Home Economics*
- John Allen Rogers, Perry;
B.S.Agr.; *Dairy Science*

* Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics
; Also Electrical Engineer, College of Engineering

- Ronald C. Rogos, Brockway, Pa.;
B.S.; *Allied Medical Professions*
- Ahmed Ali Rokaibah, Riyadh, Saudi Arabia;
B.Agr. (University of Riyadh);
Plant Pathology
- Patrick Michael Ruble, Hebron;
B.S.Agr.; *Natural Resources*
- David Alan Rudolph, Marietta;
B.S. (Ohio University); *Natural Resources*
- *Steve D. Ruhl, Mt. Gilead;
Agricultural Education
- Rakesh Kumar Rustagi, Delhi, India;
B.S., M.Sc. (University of Delhi);
Statistics
- Julie Ann Rypka, Rosemount, Minn.;
B.A. (Saint Olaf College); *Statistics*
- Janice Caroline Salamon, Parma;
B.S.Nurs. (University of Virginia);
Nursing
- Aaron Lee Sayre, Syracuse
B.S.Agr.; *Agricultural Education*
- Dwight Alan Scantland, Dunwoody, Ga.;
B.A. (Earlham College); *Agricultural
Economics and Rural Sociology*
- Thomas G. Schaffer, Columbus;
B.S.Nat.Res.; *Natural Resources*
- Carole A. Schermer, Columbus;
B.S. (Notre Dame College);
M.S. (John Carroll University);
Computer and Information Science
- Thomas S. Schlenker, Wapakoneta;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*
- Paulette Patricia Schmidt, Mt. Herib, Wis.;
B.S., O.D.; *Physiological Optics*
- Alan Doyle Schriver, Reno;
B.S.Agr.; *Natural Resources*
- Carl Henry Schusterman, Cleveland;
B.S. (Ohio University); *Agricultural
Education*
- Harry Anthony Schutte, III, Westerville;
B.S.; *Natural Resources*
- Mark Dennis Schwabero, New Knoxville;
B.S.I.S.E.; *Industrial and Systems
Engineering*
- Minnie Talley Scott, South Bend, Ind.;
B.S. (New York University); *Nursing*
- Lawrence K. Seymour, Idaho Falls, Idaho;
B.S. (Indiana Institute of Technology);
Nuclear Engineering
- Mary Ann Sharkey, North Canton;
B.S.All'd.Hith.Prof.; *Allied Medical
Professions*
- David Carl Shatzer, North Canton;
B.S. (Mount Union College);
Geology and Mineralogy
- M. Joanne Bruns Sherwood, Columbus;
B.S.Nurs.; *Nursing*
- Lawrence Peter Sirinek, Pittsburgh, Pa.;
B.S.; *Dairy Science*
- Josephine Marquis Smith, Moline, Ill.;
B.A. (Knox College); *Natural Resources*
- Julio Ernesto Ramon Sosa de B.,
Panama City, Panama;
Licenciado (Universidad Santa Maria La
Antigua); *Civil Engineering*
- Harvey Alan Splaver, Cleveland Heights;
B.S. (Case Western Reserve University);
Mathematics
- George William Sturm, Grove City;
B.B.A. (Ohio University); *Statistics*
- Gregory Peter Sturtz, Royal Oak, Mich.;
B.S. (Central Michigan University);
Chemistry
- Sundararajan Sadagopan
Sundararajapuram, Pooma, India;
B.S., B.Eng. (Poona University);
Electrical Engineering
- Garrett Eugene Swendal, Danville;
B.S.Agr.; *Agricultural Education*
- Abraham Tal, Petah-Tiqwa, Israel;
B.Sc. (Hebrew University);
Geodetic Science
- J. Thomas Targoss, Steubenville;
B.S. (Xavier University); *Physiology*
- Melinda Jean Tarr, Woodacre, Calif.;
B.S., D.V.M. (University of California at
Davis); *Veterinary Clinical Sciences*
- Carolyn J. Thomas, Middletown;
B.S. (Bowling Green State University);
Home Economics
- Cathy Morgan Thomas, Port Clinton;
B.S. (Denison University); *Physiology*
- Michael Edwin Throckmorton,
West Carrollton;
B.S.; *Computer and Information Science*
- Gayla Dawne Trimmer, Beaver Falls, Pa.;
B.S.Nurs. (West Virginia Wesleyan
College); *Nursing*
- John Upp, Creston;
B.S.Agr.; *Agricultural Education*
- Mary Florence Vaeth, Milwaukee, Wis.;
B.A. (Northwestern University);
M.D. (University of Wisconsin);
Preventive Medicine
- Hoan Vinh, Long Beach, Calif.;
B.S.E.E. (California State University at
Long Beach); *Electrical Engineering*
- Ann Starnes Wade, Columbus;
B.S.Occ.Ther.; *Allied Medical Professions*
- Wayne Lee Waldron, Columbus;
B.S.; *Physics*
- James D. Walker, Thurman;
B.S. (Morehead State University);
Agricultural Education
- Ellen Mae Wallis, North Plainfield, N. J.;
B.S.Nurs. (Fairleigh Dickinson
University); *Nursing*
- Ming-Fen Wang, Taipei, Taiwan;
B.S. (Tsing-Hua University); *Mathematics*
- Steven Paul Ward, Rochester, N. Y.;
B.S. (State University of New York at
Albany); *Computer and Information
Science*
- Antoinette Wojciak Welch, Circleville;
B.S.Agr.; *Agricultural Education*
- Steven Richard Wenner, Bucyrus;
B.S., M.S.; *Statistics*
- Lawrence Albert Westhoven, Jr.,
Liberty Center;
B.S.M.E.; *Mechanical Engineering*
- Allan Frederick Wilcox, Akron;
B.S. (University of Akron); *Mathematics*
- Simon Edward Willard, Wellston;
B.S.E.P.; *Electrical Engineering*
- B.A., D.D.S.; *Dentistry*
- Richard John Wills, Columbus;
B.A. (Georgetown College);
Home Economics
- Jacalyn Kay Wood, Dresden;
B.A. (Georgetown College);
Home Economics
- An-Sen Wu, Taichung, Taiwan;
B.E. (Chung Yuan Christian College);
M.C.R.P.; *Civil Engineering*
- John H. Yang, Columbus;
B.S. (Fu-Jen Catholic University);
Computer and Information Science
- Sandra Bruce Yorka, Westerville;
B.S. (Mary Mannes College);
M.S. (John Carroll University);
Astronomy
- Paul Leonard Yurko, Wierton, W. Va.;
B.A. (West Virginia University);
Allied Medical Professions
- Daniel Lee Zimmerman, Pleasant Hill;
B.S.Agr.; *Agricultural Education*
- Mary Frazier Zimmerman, Columbus;
B.S.Nurs. (University of Wisconsin);
Nursing
- Roland D. Zimmerman, Tiffin;
B.S.Agr.; *Agricultural Education*
- James C. Zupanic, Cleveland Heights;
B.S.C.E. (Case Institute of Technology);
Civil Engineering

Master of Social Work

Three candidates

(Field of Specialization is in italics)

- Lois Jean Brehm, Elyria;
B.S. (Ohio University); *Social Work*
- Michael Marimpietri, Fort Lee, N. J.;
B.A. (Kent State University); *Social Work*
- Kenneth L. McClincy, Columbus;
B.S.Soc.Wel.; *Social Work*

* Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics

Colleges of the Arts and Sciences

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

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

Dean: Andrew J. Broekema

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur E. Adams

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

College of The Arts

Bachelor of Arts

Thirteen candidates

Harvey James Arbuckle, Columbus
John Ronald Barone, Columbus
David Carl Bauman, Youngstown
Howard Holland Brewer, II, Gallion
William Lawrence Cost, Jr., Granville
Stanton Resolved Daugherty, Shelby
Patrick James Durbin, Akron,
Valerie Yvonne Hagenbush, Columbus
Sharon Lynn Harper, Columbus
Harry Louis Lentz, Greensburg, Pa.
Jon Fenton Short, Leesburg
Ann Christine Gilbert Strayer, Columbus
Thomas Marshall Trusty, Columbus

Bachelor of Fine Arts

Thirty-two candidates

Rhonda James Burke, Columbus
Alicia Karen Chay, Columbus
Robin Elaine Cook, Chillicothe
Helen Virginia Corsates, Parma Heights
Lynn Elvin Cox, Tuscarawas
Herman Charles DiGiannantonio, Jr.,
Columbus
James Paul Evans, Columbus, B.S.
Marguerite A. Fishman, Fort Wayne, Ind.

Susan Hull Frankenberry, Columbus
Sandra June Grimstad, Columbus
Alison Ann Haxton, Westerville
Laura Lee Hitchcock, Van Wert
Diane Hutchison, Reynoldsburg
Aliceanne Inskip, Columbus
Alison Katz, New City, N. Y.
Celeste Jeanne Klyza, Newark
Christopher Kreider, Columbus
Diane Elaine Nance, Columbus
Harley Kent Nedelman, Columbus
Jean Marie Nilsson, Whitehouse
Francis O'Neill, Defiance
Stuart Copeland Pruitt, Niles
Warren Eugene Rose, Columbus
Harlan Michael Sanders, Jr., Dayton
Ronald Eugene Shreev, New Carlisle
Elizabeth Ann Foresman Sifrit, Columbus
Jolan Marie Syaroto, Columbus
Mona Wiker Szente, Columbus
Karen Swaney Taylor, Columbus
Michael Paul Weferling, Bellefontaine
Elizabeth Price White, Worthington
Michael David Williams, Columbus

Bachelor of Music

Two candidates

David Lowell Gatts, Columbus
*Gregory Dwight Herzberger, Brecksville

Bachelor of Art Education

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

Nine candidates

Dian Elaine Eddy, Newark
Sharon Hill Hardenbrook, Columbus
Debra Lynn Kopcjal, Mansfield
David Scott Rado, Lima
Wanda Jean Reninger, Bexley
Cynthia Ann Senseney, Fremont
Debra Ann Taitague, Columbus
Todd Anna Williams, Blanchester
Myrna Packard Wilson, Columbus
B.A. (Ohio Wesleyan University)

Bachelor of Music Education

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

Four candidates

Alfred William Dentino, Concord, Mass.
Judy Gail Dunn, Zanesville
†Gregory Dwight Herzberger, Brecksville
Craig Robert Morey, Columbus

Bachelor of Science in Industrial Design

Five candidates

Jaimie Beth Alexander, Columbus
John Michael Ayotte, Columbus
Karen Conway Sass, Triangle, Va.
David Andrew Scarberry, Jr., Grove City
Wayne A. Zallen, Barberton

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Two candidates

Eric Duane Kline, Beachwood
Timothy John Yannone, North Canton

Bachelor of Science

Thirty-eight candidates

Mickey Francis Arthur, Columbus
Stanley Howard Behringer, Dayton
Bonnie Jo Bobula, Hebron
Janice Eileen Bosley, Youngstown
Jennifer Anne Burris, Bexley
Gayle Ann Cairns, Tipp City
Joan Diane Carson, Kent
Gus Wyatt Comstock, Chillicothe
William Andrew Delanis, Cleveland
Clarence Michael Dinnen, Greenfield
Charles Marion Dunn, Macedonia
Michael Vincent Eiben, Brooklyn
James Thomas Elkovitch, Auburn, N. Y.
Douglas Alan Fenton, Titusville, Fla.
William Charles Fineran, Jr.,
Portsmouth, Va.
James William Fleahman, Tiltonsville
Gary Lee Foreman, Akron
Mary Louise Gephart, Euclid
William Eugene Gray, Dayton
Jeffrey Lee Hamon, Columbus
Todd Alexander Hampton, Akron
Richard Thomas Higham, Youngstown
Susan Kay Houser, Louisville, Ky.
Charles Eugene Krichbaum, Ashland
Gayle Patrice Lark, Merrick, N. Y.
Susan Regina Mallery, Arlington, Va.
Barbara Jane Marback, Cincinnati
James Earl Mickle, Columbus
Steve Allen Moore, Cincinnati
Dale Lance Mori, Parma
Michael Stephen Radwancky, Austintown
John Clifton Rupert, Grove City
Susan Marie Schneider, Zanesville
Lawrence Scott Stern, Seaford, N. Y.
Gail Ann Terreri, Youngstown
Catherine Lucille Trigg, Delaware
‡Linda Lee Woodard, Dayton
Dennis Lee Zimmerman, Byesville

* Also Bachelor of Music Education,
College of Education

† Also Bachelor of Music, Colleges of the
Arts and Sciences

‡ Also Bachelor of Science in Education,
College of Education

College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

Sixty candidates

Mary Michelle Adornetto, Zanesville
Renee Flora Aitken, Westerville
Gayna Marie Strachota Augenstein,
Worthington
Ellen Mary Baruch, Columbus
Leroy Reuben Boykin, Columbus
James Lawrence Breithaupt, Mt. Vernon
Cathy Lynn Broschart, Dayton
Lori Saline Busch, Columbus
Eugene Robert Butler, Mansfield
Charles Michael Butts, Mt. Vernon
Gaylon Romero Calhoun, Columbus
Steve Clyde Carr, Columbus
David Firestone Carruthers, Columbus
Robert James Davidek, Columbus
Lesley Ann Davies, Chesterland
Charles Michael Davis, Cleveland Heights
Robert John Dorsey, Newark
Cheryl Lynne Early, Lakewood
Kathleen Mary Cusick Easterday,
Fairview Park
Robert Michael Epstein, University Heights
Kathleen Ann Frisby, Dayton
Sue Dailey Frisch, Columbus
Steven Douglas Fuller, Westerville
Gary Donald Garver, West Jefferson
Nancy Dibbon Gilmore, Pittsburgh, Pa.
Susan Elaine Goorey, Worthington
Ralph Gray, Canton
Suzanne Marie Hartman, Columbus
Teresa Ann Heinlein, Columbus
Barbara Ann Henley, Cleveland
David Richard Huffman, Findlay
Jerri-Lynn Hutchins, Columbus
Janet Jenkins Johnson, London, B.S.Ed.
Horace Luther Jones, Jr., Columbus
John Alfred Knarr, A.P.O., N. Y.
Marlene Driscoll Lambert, Marion, B.F.A.
Robert Lee Lane, Portsmouth
Patrick William Langley, Columbus
Lindee Allyson Larsen, Columbus
Cynthia Sue LeMaster, Zanesville
Russell Arthur Lewis, Twinsburg
Donna Maria Lynds, Mt. Vernon
Joan Marie Mack, Toledo
Liane S. Marshman, Powell
Lauren Lee Michaels, Toledo
Amy Louise Moore, Lakewood
*Janet Lynne Moore, Columbus
John Rowland Muir, Columbus
Lorrie Ward Murdock, Columbus
Brian Allister Murray, New London
Michael Pearse O'Grady, Columbus
Lewis Courtney Rentschler, II, Cincinnati
Jodi Luanne Richardson, Galloway
Gina Ann Sansotta, Marion
Steven John Schuerman, Columbus
James Osie Smith, Columbus
Timothy Mark Snow, Cleveland

Robert Preston Spaulding, Conneaut
Jeffrey Paul Startzman, Columbus
Nelle Margaret Stephan, Dayton

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Two candidates

William Joseph Kammerer, Worthington
Thomas Andrew Woodward, Columbus

Bachelor of Science

Eleven candidates

Robert Scott Alexander, Columbus
Leslie Jane Cox, Middletown
Kristin Loy Diehl, Columbus
Thomas Eugene Faust, Parma
Phillip Charles Green, Vandalia
B.A., M.A., B.S.Ed.
James Frederick Louys, Bryan
Elizabeth Norris Ludwig, Ottawa Hills
Mark Bernard Miller, Lima, B.S.Ed.
Kenneth Ray Nixon, North Canton
Denise Ann Remy, Scioto
Nancy Eve Stein, Lima

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and two candidates

Cheryl Diane Amberg, Columbus
Harold Wayne Arrowood, Pataskala
Jayma Candace Bagliore,
Belle Harbor, N. Y.
Barry Carrol Barmann, Cleveland
Lynn Veronica Baron, Chesterland
Robert Lee Basinger, Columbus
Marcene Jaye Baum, Shaker Heights
Rebecca Ann Belz, Columbus
Jeffrey Lynn Boyers, Wauseon
Kimberly Bayne Burkhart, Medina
Mary Ellen Casey, Marion
Todd Edward Colvard, Columbus
James Stephen Courts, Columbus
Judith Lasday Curl, Washington, Pa.
Sally Christine Daly, Kettering
Nina Adams Dawley, Westerville
Sara Lee Devenow, Toledo
David Domoracki, Solon
Beverly Eva Dowis, Mt. Gilead

Alan Ray Druckenmiller, Fremont
Joe Oliver Dunlap, Columbus
Susan Diana Ensien, Lebanon
Jill Deupree Fehr, Canfield
Deborah Liane Fellows, Columbus
Angela Theresa Fenn, Cleveland
Jeffrey Jay Wayne Glass, Lakewood
Gracie Rose Gletzer, Columbus
William Arthur Gluntz, III, Cleveland
Paula Charmaine Graves, Dresden
Karen Spencer Gross, Heath
John Edward Grotta, Delaware
Gregory Lee Harman, Columbus
Joseph Dennis Harvath, Canton
Thomas William Head, Youngstown
Donna Joanne Hempstead, Wayne, N. J.
Bernadine Shriver Herriott, Columbus
Richard Michael Hohas, Akron
Elizabeth Anne Holloway, Circleville
Beth A. Houston, San Diego, Calif.
Lee Meryl Huffman, LaRue
Elizabeth Ann Hughes, Columbus
Marcia May Huhn, Columbus
David Robert Jackman, Johnson City, Tenn.
Lois Elaine Jackson, Columbus
Ellen Kelly, Youngstown
Gary Lee Kendall, Columbus
Daniel James Kennedy, Madison
Diane Marie Koble, Westerville
Charles William Kranstuber, Brecksville
Patricia Jane Lamphear, Columbus
Charles Eric Little, Columbus
William Alan Long, Vermilion
Keith Russell Lytle, Beipe
Lynnette Boepp Mack, Lima
Ricardo Maltos, Columbus
Loretta Marie Mangiarelli, Campbell
Cynthia Louise Martin, Columbus
Maxine Mintz McGuire, Columbus
Brian Alan McNaughton, Columbus
Joyce Ann Cantrell Miller, Columbus
Marilyn Jane Morley, Columbus
Cathy Cherie Naas, Lima
Alan Jeffrey Neff, Akron
M. Adela Negron, Columbus
Jeffrey Thomas Nicholas, Lyndhurst
Janet Lee Niles, Columbus
David Lucas Parent, Jr., Miamisburg
Marcy Ann Peiffer, Genoa
Joseph Andrew Pobiner, Princeton, N. J.
Charles William Poth, Columbus
Rita Yeager Przybyla, Medina
Karol Kirts Rainier, Marion
James Lee Rairdon, Marion
Mark Alan Richard, Columbus
Nancy Joan Roberts, Broadview Heights
Harry William Saxe, Blakely, Pa.
Linda Kathleen Scarpitti, Columbus
Donald Bernard Schnelle, Cincinnati
Timothy Lee Sell, Canfield
Kenneth Allen Seminsky, Columbus
Mary Elizabeth Spillman, Columbus
Charles Henry Stockhausen, Columbus
Ward Brian Stone, Nelsonville
Stewart Joseph Tabakin, Steubenville

* Also Bachelor of Science in Education,
College of Education

Jean Marie Tanner, Marion
 Ann Louise Tessmer, Hartville
 Eva Ethel Tibor, Miami, Fla.
 Gary Lee Titus, Englewood
 *Lawrence MacGowan Todd, Columbus
 John Garfield Topping, Columbus
 Marlene Ann Wack, Columbus
 Donna Marie Wade, Cleveland
 Pamela Lynn Waters, Grove City
 Kay Frances Wean, Columbus
 Karen Lee Weisberg, Mayfield Heights
 Stephen Jeffrey Weisman, Toledo
 Douglas Eugene White, Columbus
 John Thomas Wilkin, Greenfield
 Karen Lynn Wilson, Columbus
 Edwina Kaye Woods, Toledo
 Judith Lee Worcester, Caledonia
 Kathryn Jane Zarzar, Columbus

Bachelor of Science

Twenty-six candidates

Jeffrey Lee Bennett, East Liverpool
 Marilyn Janice Boyd, Lakewood
 Brian Keith Clark, North Ridgeville
 Robert George Cook, Columbus
 Chad L. Deville, Worthington
 Kimberly Sue Fouty, Columbus
 Gregory Wayne Gill, Cincinnati
 William Clement Harvey, Oregon
 Susan Ann Hatch, Columbus
 Scott William Heintzelman, Canfield
 Laura Natalie Kassoy, Columbus
 Edward Alan Keith, Cincinnati
 Wesley Hughes Lee, Lima
 William Warren Maier, Canton
 William James Manchester, Niles
 Janie Lishka Miller, Columbus
 Neal Ervin Miller, Springfield
 Sandra Lee Oljaca, Girard
 William Lawrence Philbin, Perrysburg
 Terrence Kevin Pierson, Springfield
 William Cates Rambo, Columbus
 Patricia Sue Scheel, Stratton
 Evelyn Miriam Spira, Birmingham, Ala.
 Carolyn Ann Stimel, Delaware
 Lynne Marie Wargo, Elyria
 Allyson Louise Veith Williams, Columbus

Bachelor of Arts in Journalism

Thirty-three candidates

Mitch H. Banchefsky, Columbus
 Audrey Annette Blair, Dayton
 Elizabeth Rose Blake, Beaver
 Todd Edwin Bowers, Troy
 Charles Clifford Carver, Jr., Troy
 Richard John Clarke, Wilmington, Del.
 Marcia Marie Cohen, Louisville, Ky.
 Jeannine Faye Ellis, Columbus
 Melissa Anne Finney, Poland
 Margaret Ellen Godfrey, Reynoldsburg
 Linda Lorraine Goodwin, Columbus
 Theodore Vangel Kalinos, Jr., Springfield
 Bradley Marshall Krohn, Amherst, N. Y.

Scott Allison Marinoff, Long Island, N. Y.
 Janet Louise Meyo, Parma Heights
 John David Pontsler, Toledo
 Kathleen Ann Raab, Dayton
 Charles Clarence Reinhart, Strongsville
 Deborah Kellough Sayre, Delaware
 Joan Elizabeth Schley, Lakewood
 Eric Matthew Schmitz, Ashland
 Barry Lynn Schumann, Wapakoneta
 Deborah Constance Solomonides, Columbus
 Bruce Phillip Sprague, Columbus
 Elizabeth Ellen Stang, Columbus
 Yvonne Steadman, Richmond Heights
 Janet Marie Stone, Akron
 Cheryl Cardi Testerman, Lebanon
 Mary Louise Wade, Columbus
 Diane Kay Weber, Toledo
 James Howard Wigton, Columbus
 Theodore Williams, Allentown, Pa.
 Frederick Howard Zimmerman, Holland

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and thirty-six candidates

Carol Lynn Adams, Columbus
 Linda Soucy Aines, Columbus
 Dennis Michael Allen, Franklin
 Robert A. Archer, Ashville
 Conrad Wesley Aufderhaar, St. Marys
 Gary Matthew Augenstein, Columbus
 David C. Barbour, Columbus
 Paula Renee Barnett, Columbus
 Susan Carol Baumeister, Cleveland
 Thomas Michael Belnap, Conneaut
 Timothy John Bialek, Dayton
 Aleta Helen Bing, Beachwood
 Cynthia Kay Bloom, Rocky River
 John Eric Bogner, Mansfield
 David Arnold Boulware, Columbus
 Paul Lawrence Bowser, Columbus
 Robert William Brockman, North Olmsted
 Bradley Allyn Brown, Liberty Center
 Charles Michael Burkhart, Columbus
 Randall R Campbell, Columbus
 Richard Stephen Carey, Leetonia
 Supen Chairounguang, Bangkok, Thailand
 James Newton Champion, Moline, Ill.
 Robert Scott Chapin, Conneaut
 Kenneth James Chinchar,
 East Brunswick, N. J.
 Michael Albert Christopher, Wickliffe
 Robert Earl Christopher, Columbus
 Victor Robert Chung,
 Kingston-Jamaica, W. I.
 Terrence Charles Conry, Galion
 Robert Anthony Coon, Charleston, Ill.
 Gary Blaine Courtright, Columbus
 Joseph Charles DeRosa, South Euclid
 William Bruce Duncan, Rahway, N. J.
 Stephen Leigh Edgar, Mt. Vernon
 James Paul Eidson, Leesville, S. C.
 Patricia Marie Elling, Napoleon
 William Edward Favret, Columbus
 William Douglas Fillmore, Columbus
 Roswitha Firsching,
 Engersesokircheng, West Germany
 Thomas Joseph Fortin, Columbus
 Richard Cooper France, Jr., Columbus
 Roberto J. Gallardo, Key Biscayne, Fla.
 Nancy Sue Gambaccini, Kent
 Jeffrey Mark Gardner, Columbus
 Barbara Ann Gates, Brecksville
 Shawn Michael Geary, Winterville
 Ervan Reed Geller, Reynoldsburg
 Michael Harvey Goelman, Mayfield Heights
 James Robert Greer, Warren
 David Eugene Griffeth, Shelby
 Dennis James Grutzmacher, Akron
 Catherine Ann Harris, Cincinnati
 David Victor Hartong, North Canton
 John Charles Heinmiller, Columbus
 John Edward Hirsch, Northfield
 John Clyde Hoffman, Rocky River
 John William Homer, Parma
 Ernest Edward Humbert, Defiance
 James Edward Hurley, Columbus
 Daniel Thomas Imfeld, Middletown
 Richard Emory Jacobs, Lakewood
 Charles Michael Kilburn, Morrow
 William Rex Kirk, Columbus
 Andrew James Kopral, St. Clairsville
 Cheryl Ann Kridler, Leetonia
 David William Kuch, Columbus
 Donald Michael Kurdziel, Canton
 James Edwin Lapply, Columbus, B.A.
 Kevin Dean Latham, Rawson
 Ronald Dale Layfield, Bellville
 Larry Emerson Lee, Cleveland
 Judith Ann Lепley, Bellevue
 Elizabeth Anne Leupp, Columbus
 Robert Eugene Lincoln, Reynoldsburg
 William Michael LoPresti, Dover
 Norman Louie, Cleveland
 Bruce Lyn Lucki, Bridgeport
 John Joseph Mackin, Jr., Columbus
 Jeanne Marie Mahoney, Columbus
 Roger Keith Mathews, Warren
 Richard Lee Mault, Marion
 Mark Steven McCullough, Lima
 Michael Dennis McGrane, Toledo
 Frank William McIntyre, Shaker Heights
 David Randall Miller, Elsie, Mich.
 Denise Lorraine Miller, Cincinnati
 Mark Andrew Miller, Columbus
 Philip Thomas Miller, Bay Village
 Judy Ann Mitchell, Columbus
 Ruth Ann Moeller, Cleveland
 Bruce Alan Niswander, Mansfield
 Stephen Allan Nogle, Columbus
 Edward Elmer Nusbaum, Cleveland
 Judith Rosboril Pavlik, Chesterland
 Elizabeth Angela Pirsh, Akron
 John Curtis Pittman, Xenia
 Cheryl Anne Pruden, Massillon
 Dana Farnum Reynolds, Ill., Columbus
 Gerald Lee Robertson, Shelby
 Arthur David Rogers, Kenton
 Mark Steven Rowe, Springfield

* Also Bachelor of Science in Education,
 College of Education

Philip Robert Runk, Columbus
 John Grover Rush, Orient
 Matthew Thomas Ryan, Wooster
 Stephen Jay Samuels, Baldwin, N. Y.
 Robert John Sawyers, Jr., Merrick, N. Y.
 Kenneth Claude Schneider, Bellevue
 Linda Lorenz Schulzeis, Columbus
 Barry Irwin Schultz, University Heights
 Sheila Ann Scott, Dayton
 Michael Matthew Selby, Newark
 Richard Pierson Simon, Mansfield
 Joseph William Slattery, II, Reynoldsburg
 Donald Wilson Smith, Madeira
 Mark Eugene Smith, Wadsworth
 Millard Randolph Smith, Jr., Pasadena, Md.
 Steven Richard Smith, Kettering
 Walter Richard Snyder, Waverly
 David Barton Steck, Columbus
 Patrick James Steger, Columbus
 David Ray Streitenberger, Chillicothe
 Julius Paul Szorady, Jr., South Euclid
 Timothy Michael Tarbill, New Holland
 Joel Edward Thompson, Painesville
 Donald Eugene Tidrick, Coshocton
 Daniel Okechukwu Ukachukwu,
 Onitsha, Nigeria
 Theodore Martin Vadasz, Westlake
 Dale Leon Van Horn, Springfield
 James Richard Wagner, Canal Fulton
 Gary Donald Walther, Canton
 Ilan Wexler, Cleveland
 Charles Arthur Wickert, Fremont
 Ted Rodes Williams, Granville
 Steven Allen Wolfe, Chillicothe
 Lyn Marie Wolfson, Parma
 Deborah Anne Zelachowski, Columbus

Bachelor of Science in Labor and Human Resources

One candidate

Camille Jones, Cleveland

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Forty-two candidates

David Allan Ables, Columbus
 Kenneth Harold Bingle, Risingsun
 Richard Francis Blinn, Cincinnati
 Frederick Raymond Bosch, Columbus
 *Alan Robert Brugler, Burghill
 Jeffrey Lynn Burkholder, Lucasville
 John Joseph Cauley, Jr., Woodstock
 Timothy Robert Cheri, North Royalton
 Thomas William Clark, Canton
 Robert C. Cornelius, Jr., Hillsboro
 Darla Michele Cumbow, Sardinia
 Robert Raymond Furbee, Hillsboro
 B.A.Jour.
 Donald William Galbraith, Columbus

Mark Richard Gideon, Worthington
 *Gary Carl Groves, Malaga
 Desiree Ann Harder, Amlin, A.A.S.
 Otto Frederick Henkel, Jr., Cincinnati
 Sherry Diane Henry, Perrysburg
 Neil Wallace Higgins, Columbus
 Geoffrey McKinley Huntley, Youngstown
 Teresa Jo Jackson, Powell
 Leslie Andes Kacur, Columbus
 Jacob E. Kinstler, IV, Columbus
 Scott Dennis Kleon, Columbus
 Charles Edwin Miller, Galion
 Douglas Lee Mutchler, Ocoela
 Robert Lee Niemeyer, Spencerville
 Kathryn Ann Porter, Columbus
 James Alan Price, Oakwood
 Alata Ann Pullins, Quincy
 *Steve Dean Ruhl, Mt. Gilead
 Eric Thomas Santomieri, Botkins
 Eric William Sauerman, Columbus
 Sharon Lynn Short, Columbus
 Nyla Rachelle Stats, Cambridge
 Paul George Stefancik, Columbus
 Monte Alan Stratton, East Liberty
 Mark William Thieroff, Defiance
 Richard Frank Walck, Monroe
 Jo Annette Wittenmyer, Columbus
 Debra Allison Woods, Athens, Ga.
 James Edgar Woolf, New Concord

Bachelor of Science in Food Science

One candidate

*Patrick Ogunuo Ebisi, Bukuru, Nigeria

Bachelor of Science in Food Technology

One candidate

Deborah Jean Hrdlicka, Gambier

Bachelor of Science in Nutrition

One candidate

Jerry Selsus Chasteen, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Thirty-six candidates

Ann Cass Badger, Columbus
 Karen Jean Bogan, Bucyrus
 Mary Lou Brown, Columbus
 Peggy Jo Bupp, Wooster
 Florence Moffett Burch, Columbus
 Kathleen Ann Cahill, Columbus
 Karen Ann Callahan, Columbus
 Ann Robertson Cooper, Parma
 Rosanne Janis Crawford, Columbus
 Pamela Sue Dodge, Sugarcreek
 Cindy Ann Donaldson, West Carrollton
 Jeannine Ann Dougherty, Columbus
 Jill Edwards Franz, Columbus
 Sallie Diane Gibson, Akron
 Paula Ann Harrington, Westerville

Jacqueline Sue Hughes, Fredericktown
 Karen Jacelyn Jefferson, Columbus
 Diane Patricia Johnson, Columbus
 Nancy Ann Macklin, Columbus
 Vicky Sue McFann, Caledonia
 Lorraine Claire Mocadlo, Sewickley, Pa.
 Cynthia Marie Morando, Columbus
 Ann Perozek, Cleveland
 Jane Ellen Potocnik, Lorain
 Judith Irene Rose, Wheelersburg
 Cathy Ann Shomaker, Pataskala
 Nancy Lee Simpson, Canton
 Lou Ann Sites, Rockford
 Mary D'Amico Smith, Columbus
 Letha Nicely Snider, Carroll
 Sue Ann Spring, New Philadelphia
 Roberta Alter Stafford, Forest
 Maureen Elaine Venus, Cleveland
 Susan Kay Walters, Clarington
 Patricia Ann West, Dalton
 Rhonda Evon Wulkan, Cleveland Heights

School of Natural Resources

Bachelor of Science in Natural Resources

Thirty-five candidates

Sharon Jean Boyer, Youngstown
 Daniel Lee Brodowski, Kettering
 Paul Elmer Buettner, Chardon
 David Byham Cribb, Columbus
 Ronald Charles Cullen, Columbus
 William Edward Daehler, Portsmouth
 Christine Daniel, Columbus
 Susan Irene DeMuth, Worthington
 Gregg John Finkler, Akron
 Richard Gallatin Fitch, Worthington
 Christopher Mark Helgeson, Xenia
 Richard Allen Hennacy, Columbus
 David Ross Hetzel, Youngstown
 William Scott Hinton, Cleveland Heights
 John William Humston, Fairborn
 Ronald Earl Kersten, Columbus
 Roy William Kroll, Youngstown
 Barbara Jeanne Malpiedi, Shadyside
 Terry Lee Marquand, Columbus
 Leslie Begg May, Columbus
 Scott David McGookey, Columbus
 John Wayne Miller, Columbus
 Terry Jane Moore, Worthington
 Gerard Louis Moosbrugger, Dayton
 Richard Arthur Morgan, Jr., Columbus
 Donna Marie Rankin, Cincinnati
 Jay Paul Rodgers, Hubbard
 Michael Francis Sell, Canfield
 Ralph Charles Sievert, Jr.
 Broadview Heights

John Roy Starick, South Euclid
 Bobby Gene Straight, Grove City
 Thomas Michael Truck, Columbus
 Robin Lynne Hammel Walker, Columbus
 Anthony Thomas Zajacz, Strongsville
 Lorraine Ziza, Mingo Junction

* Also Master of Science, Graduate School

Agricultural Technical Institute—Wooster

Associate of Applied Science Degree

Eight candidates

Dean William Anderson, Akron
Steven Craig Cockerham, Mt. Vernon
Charles Raymond Fassnacht, Fremont
Sally Lynn Georgenson, Cincinnati
Edith Irene Roegner, Houston
Robert Laurence Schetky, Hellam, Pa.
B.S. (Bethany College)
Dianne Lynne Sherry, Wilberforce
James Christopher Swires, Medina

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Four candidates

Robert Gary Berger, Columbus
B.A.

William Charles Deak, Toledo
B.S.Ed.

Scott Douglas Oliver, New Boston

Troy Wayne Simmons, Palestine, Tex.
A.A. (Henderson County Junior College);
B.S. (University of Toledo)

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and seventeen candidates

Robert Lee Alkire, Columbus
Linda Diane Allen, Columbus
Karen Lee Anspach, Ada
Barbara Armitage, Elyria
Thomas Lee Armstrong, Columbus
Teresa Janette Bacus, Columbus
Cynthia Jane Balliett, Parma Heights
Rita Vensel Bernabei, Columbus
B.S. (Western Michigan University)
Patrick Elner Beveridge, Columbus
Arthur Clare Boker, Columbus
Steven Alan Bornstein, Columbus
Dawn Ellen Bosh, Columbus
Michael Eugene Bott, Lima
Donna Kay Brooks, McDermott
Robert Dale Buelow, Columbus
B.A.Jour.

John Douglas Byrne, Wapakoneta
Jane Byrnes, Upper Sandusky
James Harold Cashman, Plymouth
Maari O'Hara Cavanaugh, Columbus
Linda Irene Charles, Columbus
Kenneth Paul Clark, Marysville
Marion Clarence Colliver, Winchester
Eunice Mills Copley, Columbus
Jane Alyce Core, West Liberty
Leslie Kathleen Cox, Roundhead
Catherine Louise Czup, Columbus
Minda Sue Dennison, Columbus
Judy Ellen de Roche, Westerville
Terry David Dicke, Defiance
Kathleen Benewiat Eckert, Columbus
June Watson Elkin, Mt. Gilead
Philip Kent Ellis, Columbus
Beverly Jeanne English, Columbus
Bonnie Jean Epperson, Knoxville, Tenn.
Maryann Linda Felice, Columbus
William Jesse Feucht, Groveport
Sheryl Renée Fuerst, Beachwood
Cynthia Jo Hall, Columbus
Carl Hamilton, Akron
Mary Daugherty Hanlon, Columbus
John Steven Hanners, Columbus
MaryAnn Lovejoy Hannon, Plain City
Adrian Mosby Hardin, Cleveland
Patricia Rogers Heater, Columbus
Euretta Dixon Heller, Columbus
Paula Heyman Hirsch, Columbus
B.A. (San Fernando State College);
M.A. (University of New York)
Richard Alan Hollett, Columbus
Paul Charles Hopkins, Brecksville
Dan Frederick Howe, Wapakoneta
Beverly Burkhammer Hughes, Columbus
Neena Marie Hunter, Cincinnati
Carol Erb Kimball, Columbus
Karl Walter Konst, Wapakoneta
Patricia Meyer Kunselman, Columbus
Lynn Noreen Kvetko, Parma
Thomas John Lenzo, Marion
Carol Sue Levine, Shaker Heights
Sharon Rose Levy, Columbus
Anna Florence Lockwood, Heath
Milton John Manos, Jr., Columbus
Dana Wayne Mathewson, Bluffton
Patricia Ann Mauger, Columbus
Gloria Gustin McCloy, Lima
Robert Eugene Mertz, Columbus
Susan Carol Metzger, Columbus
B.A. (Miami University)
John Alfred Millisor, Marion
David Charles Moore, North Royalton
*Janet Lynne Moore, Columbus
Jeffrey Allen Moore, Columbus
Nancy Moore Moses, Lima
Jerry Mounts, Columbus
Linda Lucille Murphy, Bucyrus
Carol Annette Neer, Howard
Jane Rakay Nelson, Columbus
Sheryl Beth Newman, Shaker Heights
Deborah June Osborne, Sidney
Maria Victoria Perez, Columbus
Marsha Joann Perkins, Middletown
Bertina Maria Povenmire, Columbus, B.A.
James Marshall Pyles, Carrollton
Daniel William Rapp, Ironton, B.A.
Rhonda Sue Rayman, Vaughnsville
Sharon Reedus, Warrensville Heights

Patrick Allen Roberts, Mt. Vernon, B.A.
Ralph Howard Rohrbaugh, Columbus
James Dennis Ross, Columbus, B.A.
John Connie Saunders, Fostoria
Gregory Jay Scott, Cincinnati
Kathi Lu Seiferth, The Plains
Jacqueline Wolfe Seimer, Xenia
James Anthony Semivan, Boardman, B.A.
Rebecca Lynne Shaw, Ada
Diane Sue Shilliday, Waterloo, Ill.
Robin L. Smith, Grove City
Gregory George Sopko, Columbus, B.S.
Forrest Dawson Sorensen, Columbus
Jacqueline Antionette Souel, Columbus
William Austin Spooner, Jr., Columbus
Carolyn Nan Stanger, Columbus
A.B. (Ohio University)
Charles Wayne Stanley, Columbus
B.S.Jur. (West Virginia University)
Katherine Ann Starkey, Columbus
Susan Roberta Stock, Columbus
Wendy Eillen Stocker, Cleveland
C. Paulette Smith Swank, Columbus, B.A.
Anita Louise Swigart, Columbus
Thomas Walter Taylor, Columbus, B.A.
Robert John Thomas, Brunswick
*Lawrence MacGowan Todd, Whitehall
Patricia Colleen Tripp, Metamora
Patrick Vernon Turbett, Baltimore
Harold Rickey Vermillion, Lima
Rhonda Jo Welker, Columbus
James Larry Whisler, Marion
B.A. (Albion College)
Debra Jean White, Columbus
Louis Anthony Willliott, Columbus
Jeffrey Jay Wolf, Columbus
*Linda Lee Woodard, Columbus

Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education
Candidates are listed on page 74

College of Engineering

Acting Dean: Donald D. Glower

Bachelor of Science in Agricultural Engineering

One candidate

John Roy McClure, Convoy

Bachelor of Science in Chemical Engineering

Three candidates

James Joseph Keenan, Jr.,
South River, N. J.
Robert Roy Konanz, Columbus
Mark Stephen Matosky, Bedford

* Also Bachelor of Arts,
Colleges of the Arts and Sciences
† Also Bachelor of Science,
Colleges of the Arts and Sciences

Bachelor of Science in Civil Engineering

Four candidates

Robert Jay Bitner, Columbus
Lester Donald Cron, Columbus
David Allen Hughes, Ironton
John Thomas Shimmin, Avon Lake

Bachelor of Science in Computer and Information Science

Five candidates

William Earl Cheek, Sandusky
Thomas Edward Cooper, Clyde
Britt Arthur Cummings, Columbus
Frank Ernest Miller, Columbus
Pamela Showalter Pierson, Columbus

Electrical Engineer

One candidate

'Salim Farid Metti, Baghdad, Iraq

Bachelor of Science in Electrical Engineering

Three candidates

Robert Owen Graham, Columbus
Dean Stuart Grinch, Columbus
Bruce Alston Littlefield, Lakewood

Bachelor of Science in Industrial and Systems Engineering

Four candidates

Theodore Lee Allen, Jr., Lima
Nicholas Agiobi Damachi,
South Eastern State, Nigeria
Glen Henry Hale, Marietta
Claude Donald Hay, Palmerston, Pa.

Bachelor of Science in Mechanical Engineering

Eight candidates

Rebecca Marie Adams, Columbus
Dan Horak, Petah-Tiqwa, Israel
Dennis Ray Hurst, Dayton
Lucy Faith Kuhns, Columbus
Steven Anthony Martin, Xenia
William Ralph Miner, Midland, Mich.
B.A. (Graceland College)
Owen Stuart Smith, Wooster
Steven Douglas Wilkin, Hillsboro

Bachelor of Science in Welding Engineering

Two candidates

James Frederic Hunt, Columbus
James Harland Wilcox, Elyria

Bachelor of Science in Architecture

Six candidates

Steven Dale Bell, Marysville
William Joseph McCaffrey, Columbus
Douglas Dean Miller, Parma
Lyle Edward Sheets, Orient
Theodore Siawleski, Newark, Del.
Michael Henry Visich, St. Davids, Pa.

Bachelor of Science in Landscape Architecture

Six candidates

David Wenzel Blasche, Beaver, Pa.
Paul Gibson Holsinger, Columbus
John Randall Kura, Columbus
Harry Goodwin McClasky, Cincinnati
Randall Louis Strahler, Marietta
Kent Rieck Weaver, Findlay

College of Law

Dean: L. Orin Slagle, Jr.

Juris Doctor

Five candidates

Gwendolen Grant Andrews, Columbus
B.A. (University of Iowa)
Richard David Drake, Canton
B.A. (Kent State University)
Jeff Malcolm Stern Kaplan, Steubenville
B.A. (Yale University)
Ben G. Rooke, Scranton, Pa.
A.B. (Wheaton College, Illinois)
Martin Fred White, Warren
B.A.

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Twenty candidates

Thomas Alan Bowers, Lima
A.B. (Catholic University)
Douglas Taz Ezell, Columbus
B.A. (Ohio Wesleyan University)
George Zenon Farion, Parma
B.A. (College of the Holy Cross)
Michelle Foltz, Westerville
B.A.
Allen Roger Hackley, Dayton
David George Haddad, Cleveland
B.A. (University of Rochester)

Pamela Jo Harris, Cleveland
B.A. (University of Michigan)

Kevin James Kelly, Columbus
B.A.

Charles Dale Kowal, Wickliffe
B.Arch. (Case Western Reserve
University); M.A. (University of Maine)

Daniel Paul Lammertse, Akron
B.S.

Jack Raymond Lawler, Jr., Luekey
B.S. (Michigan State University)

John Peter Lutz, Dayton
B.S. (University of Dayton)

Donald Mark Mahler, Cincinnati
B.S. (Massachusetts Institute of
Technology)

Steven Philip Margolin, Cincinnati
A.B. (Washington University)

Gregory Lynn Pittman, McClure
B.S. (Bowling Green State University)

Timothy Patrick Quinn, Kettering
B.A. (University of Dayton)

Mark Edward Reiheld, Orrville

Ernest L. Sanders, Jr., Dayton
B.S. (North Carolina Agricultural and
Technical University)

Bruce Allen Schwartz, Columbus
B.A. (University of Wisconsin)

Gloria Walker, Cincinnati
B.A. (Wittenberg University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Thirty-two candidates

Sandra Kay Adkins, Lockbourne
Denise Pauline Avery, Philadelphia
Richelle Susan Berg, Massillon
Juanita Christine Bergh, Toledo
Denise Lynn Carpenter, Columbus
Rae-Lynn Cebul, Euclid
Sally Clyse, Ironton
Linda Sue Conrad, Xenia
Helen Ann Conway, Maysville, Ky.
Janet Murphy Cromb, North Canton
Margaret Ann Daniel, Columbus
Vera Mae Demeter, Columbus
Barbara Sue Ellis, Columbus
Carol Ann Slutzker Finley, Dayton
Anita Noreen Frankel, South Euclid
Susan Pamela Frey, West Bloomfield, Mich.
Barbara Jean Friedman, Columbus
Brenda Marie George, Plain City
Lynn LaCorte Grant, Columbus
Teresa Siegenthaler Hart, Canton
Jane Kathleen Hope, Westlake
Susan Jo Jackson, Columbus
Catherine Helen Johnston, Washington, Pa.
Constance Sue Judd, Glendale
Faith Ann Kaplan, Flushing, N. Y.
Kristy S. Kitzler, Carey
Diane Mary Knill, Columbus

† Also Master of Science, Graduate School

Jane Audry Koomar, Rocky River
Carol Anne Loeser, Gates Mills
Sally Ann Long, Cleveland
Dana Lorraine Lovell, Lancaster
Marita R. Macke, Toledo
Ann Patricia McCarraher, Berea
Judy Lynn McGuire, Warren
Judith Ann Melvin, Blanchester
Kathleen Yanko Mielke, Westerville
Anthony Michael Novena, Shadyside
Sarah Jane Oliver, Chillicothe
Sherry Lynn Phillips, Rochester, N. Y.
Anne Vail Roberts, Columbus
Saundra Rae Roll, Zanesville
Gail Ann Salomon, Cleveland
Katherine Ann Shields, Columbus
Ruth Ann Stein, Meadville, Pa.
Mary Jo Stetson, Oberlin
Robin Lee Stubbs, Kettering
Marian Gail Vaughn, Columbus
Deborah Heckman Vorst, Ottawa
Kathy Jean Vozar, Clinton
Cheryl Lou Williams, Wintersville
Carolyn Miyo Yatsu, Richmond Heights
William Vincent Young, Hilliard

Charles John Gulas, Cleveland
B.A. (Hiram University)
Floyd M. Hall, Cleveland
B.S. (Cedarville College);
B.S.Ed. (Central State University)
Sandra Ann Hummel, Columbus
B.A. (Miami University)
Richard Allen Johns, Troy, Pa.
B.S. (Pennsylvania State University)
Marjorie Anne King, Hamburg, N. Y.
B.S. (Baldwin-Wallace College)
Barbara Jean Laubacher, Canton
B.S.Ed. (University of Dayton)
Steven Carl Leppla, Millersburg
B.A. (Kent State University)
Barbara Gail Pulford, Chagrin Falls
B.S.
William Joseph Reinbolt, Millbury
B.S.Ed.
James Alba Rice, Mansfield
B.S.Ed. (Ashland College)
Patricia Faber Rowand, Summit, N. J.
B.A. (Wittenberg University)
Mary Heydinger Sims, Rossford
B.S. (Bowling Green State University)
John Thomas Webster, Perrysburg
B.A. (Bowling Green State University)

Certificate of Nurse Anesthetist

Four candidates

Ellen Black Belding, Galion
R.N. (Saint Luke's Hospital School of
Nursing)
Joyce Cook Knisley, Dayton
R.N. (Miami Valley Hospital School of
Nursing)
Nancy Tarsitano, Columbus
R.N. (Julia F. Burnham School of
Nursing)
Nelson Wade White, Beaverdam
A.A. (Lima Technical College)

Certificate of Post Baccalaureate Medical Technologist

One candidate

Katherine Kuo Lu, Taipei, Taiwan, China
B.S. (National Taiwan University)

Certificate of Post Baccalaureate Physical Therapist

Nineteen candidates

Martha Ellen Bankowski, Cincinnati
B.S.Ed. (University of Cincinnati)
Donald Alan Becker, Cincinnati
B.A. (Miami University)
John Clark Cory, Washington C. H.
B.S. (Ohio University)
Joseph Lewis Domyan, Jr., Yorkville
B.S. (Ohio University)
Kathleen Carol Durham, Marietta
B.A. (Case Western Reserve University)
Christy Lee Schulte Feldman, Stony Ridge
B.A. (Capital University)

School of Nursing

Bachelor of Science in Nursing

Fourteen candidates

Ann Louise Fitzsimons, New Waterford
Jennifer Jones Horn, Columbus
Jeffrey Jones, Columbus
Sarah Stewart Jones, Columbus
Iona Bolden Ladson, Gahanna
R.N. (Columbia Hospital School of
Nursing)
Elizabeth Duke Love, Columbus
Lynnette Kay Lowe, Columbus
Mindy Lu McKittrick, Marysville
Charlene Piller Moll, Columbus
Nancy Jean Osborne, Columbus
Nancy Louise Patton, Massillon
JoAnne Ramey, Perrysville
Nancy Jean Seibur, Warren
Stephanie Sherman Zimmer, Kenton

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

One candidate

Mary Yvonne Moran, Cleveland

Graduates with Honors

Summa Cum Laude

Carol Lynn Adams, Columbus
Barbara Armitage, Elyria
Susan Carol Baumeister, Cleveland
Robert George Cook, Columbus
Alfred William Dentino, Concord, Mass.
Bonnie Jean Epperson, Knoxville, Tenn.
Barbara Ann Gates, Brecksville
Ernest Edward Humbert, Defiance
Bruce Alan Niswander, Mansfield
Edward Elmer Nusbaum, Cleveland
Bertina Maria Povenmire, Columbus
Joel Edward Thompson, Painesville
Donald Eugene Tidrick, Coshocton

Summa Cum Laude and with distinction in Agricultural Economics

Gary Carl Groves, Malaga

Summa Cum Laude and with distinction in Agricultural Education/Animal Science

Steve Dean Ruhl, Mt. Gilead

Summa Cum Laude and with distinction in Anthropology

Lee Meryl Huffman, LaRue

Summa Cum Laude and with distinction in History

Jeffrey Paul Startzman, Columbus

Summa Cum Laude and with distinction in Parks and Recreation Administration

Gregg John Finkler, Akron

Cum Laude

Linda Soucy Aines, Columbus
Ann Robertson Cooper, Parma
Janet Murphy Cromb, North Canton
Britt Arthur Cummings, Columbus
Margaret Ann Daniel, Columbus
Vera Mae Demeter, Columbus
Clarence Michael Dinnen, Greenfield
William Bruce Duncan, Rahway, N. J.
Judy Gail Dunn, Zanesville
Kimberly Sue Fouty, Columbus
Barbara Jean Friedman, Columbus
Steven Douglas Fuller, Westerville
Robert Owen Graham, Columbus
Patricia Rogers Heater, Columbus
Dan Horak, Petah-Tiqwa, Israel
Susan Jo Jackson, Columbus
Kevin James Kelly, Columbus
Donald Michael Kurdziel, Canton
Iona Bolden Ladson, Gahanna
Daniel Paul Lammertse, Akron
Marita R. Macke, Toledo
Dana Wayne Mathewson, Bluffton
John Roy McClure, Convoy
John Alfred Millisor, Marion
Charlene Marie Piller Moll, Willard
Janet Lynne Moore, Columbus
Mark Steven Rowe, Springfield
Kathi Lu Seiferth, The Plains
Lawrence MacGowan Todd, Whitehall
Harold Rickey Vermillion, Lima
Deborah Heckman Vorst, Ottawa

Cum Laude and with distinction in Home Economics

Ann Perozek, Cleveland

Cum Laude and with distinction in Plant Pathology

Neil Wallace Higgins, Columbus

Cum Laude and with honors in the Liberal Arts

Lesley Ann Davies, Chesterland

With distinction in Botany

James Earl Mickle, Columbus

With distinction in Classical Humanities

Lorrie Ward Murdock, Columbus

With distinction in Comparative Literature

Kathleen Mary Cusick Easterday,
Fairview Park

With distinction in Environmental Interpretation

Leslie Begg May, Columbus

With distinction in Natural Resources

Donna Marie Rankin, Cincinnati

With distinction in Psychology

Barry Carrol Barmann, Cleveland

With distinction in Resource Development

Christine Daniel, Columbus

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND TWENTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 10, 1976

The Board of Trustees met at its regular monthly meeting on Friday, September 10, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: M. Merle Harrod, Chairman, John H. Dunlap, John L. Gushman, Howard D. Sirak, Patricia D. James, Warren J. Smith, John D. Jacob, and Donald J. Hilliker.

* * *

Minutes of the last meeting were approved.

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September 10, 1976 meeting, Board of Trustees

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JACK DUNLAP'S INDUCTION INTO OHIO'S AGRICULTURAL HALL OF FAME

Mr. Harrod made the following statement:

As the first item of business, I should like to call this Board's attention to one among us who has recently received an outstanding recognition by the State-- Jack Dunlap, our former Chairman was recently inducted into the Ohio Agricultural Hall of Fame at the Eleventh Annual Hall of Fame Breakfast held during this year's Ohio State Fair. This recognition was bestowed upon Jack by the Ohio Agricultural Council for his many outstanding contributions to the agricultural industry.

I am sure you join me in congratulating Jack for this well deserved recognition.

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RESOLUTIONS IN MEMORIAM

Resolution No. 77-20

Synopsis: Resolutions honoring the service of two of this University's faculty members and a member of the Board of Trustees who have recently died.

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.

Bohuslav Divis, Associate Professor, Department of Mathematics, six years of service

William F. McDonald, Professor Emeritus, Department of History, thirty-eight years of service

James White Shocknessy, Member of Board of Trustees 1965-74 and Chairman of Board 1971-72

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

Bohuslav Divis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death July 26, 1976, of Bohuslav Divis, Associate Professor in the Department of Mathematics.

Bohuslav Divis, a brilliant young Number Theorist, was born in Prague, Czechoslovakia, on December 20, 1942. His outstanding talent in Mathematics began to demonstrate itself

September 10, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Bohuslav Divis (contd)

when he won both the Eighth Czechoslovak Mathematics Olympiad and the First International Olympiad in 1959. He later (1968) served on the Organizing Committee of the International Olympiad. He earned his Master's degree at the Charles University, Prague, in 1966 and his Ph.D. at the University of Heidelberg, West Germany, in 1969.

In 1970, Divis and his wife, also a Ph.D. in Mathematics, came to Ohio State. He was appointed as an Assistant Professor and was promoted in 1973 to the rank of Associate Professor. During the academic year 1973-74 he was a Visiting Professor at Frankfort University, West Germany. His publications rapidly earned for him an international reputation that resulted in numerous invited addresses, several at Oberwolfach, West Germany. He served as a referee and reviewer for several journals and as Executive Editor for *The Journal of Number Theory*.

As a teacher, Professor Divis was most effective in dealing with the very talented at all ages. He worked with high school students in the SSTP program here and taught in our Freshman Honors courses. He was an active advisor for graduate students.

Bohuslav Divis was deeply involved in the affairs of the Department, sharing willingly in its work and helping to make decisions. He was not only a very talented young mathematician, but an excellent colleague who will be missed by his colleagues and students.

On behalf of the University Community, the Board of Trustees expresses to the family of Bohuslav Divis 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 his family as a sincere expression of sympathy and respect.

William F. McDonald

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 5, 1976, in Columbus, Ohio, of William F. McDonald, Professor Emeritus in the Department of History.

Professor McDonald was born November 15, 1898, in Philadelphia, Pennsylvania. He attended St. Josephs Preparatory School of that city, was graduated with a B.A. degree from Georgetown University in 1922, a B.A. degree from Oxford University, England, in 1927, a Ph.D. degree from Cornell University in 1929, and a M.A. degree from Oxford University, England, in 1930. His special field of research and teaching was ancient history with special emphasis on the Roman Empire.

Dr. McDonald held positions at Cornell University from 1928 to 1929 and 1930 to 1931 and the University of Minnesota from 1929 to 1930. He came to The Ohio State University as an Associate Professor of History in 1930 and became Professor of History in 1936. In recognition of his outstanding service as a teacher, he received the Distinguished Teaching Award in 1965. His students held him in high esteem because he was a widely read scholar

September 10, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William F. McDonald (contd)

who presented his materials with a good sense of humor and a strong human concern. Yet he was a demanding leader, insisting that his students put forth their best efforts.

Scholarly interests and pursuits were apparent not only in Dr. McDonald's brilliant lectures, but in his diligence in building up his own library and in his publications. He was the author of numerous articles and book reviews in historical journals and encyclopedias. His book on *The Federal Relief Administration and the Arts*, published in 1968, illustrates his breadth of interest.

It was Dr. McDonald's sterling character and warmth of concern for the members of his family, his colleagues, and students that helped explain his popularity and success. Association with him was a pleasure as well as an inspiration.

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

James White Shocknessy

The Board of Trustees of The Ohio State University expresses deep sorrow for the loss of one of the University's truest friends, James W. Shocknessy, who died July 15, 1976. He was an attorney, public servant, civic leader, humanitarian and friend of education. The presence of the man will be missed sorely by this University and the people of Ohio.

Mr. Shocknessy was born November 26, 1906, in Springfield, Ohio. He was graduated from Notre Dame University with a Bachelor of Arts degree and also received the Juris Doctor degree from Harvard Law School. He was later awarded an honorary Doctor of Laws degree from Wilberforce University, on whose Board of Trustees he served.

He was admitted to practice law before the Ohio Supreme Court, all intermediate U. S. courts and the Supreme Court of the United States. In addition to serving as both corporate attorney and governmental counsel, he had conducted a private law practice in Columbus since 1939. Following World War II service as an officer in the U. S. Army Air Corps, he served as a member of the Ohio Post War Planning Commission in 1946-47.

Two years later, Mr. Shocknessy began an outstanding career of public service to the State of Ohio in developing and directing this state's highway system, serving as the only chairman of the Ohio Turnpike Commission and as chief expeditor of the effort to build Interstate 71. He has also served in many other civic posts and earned numerous humanitarian, professional, religious and civic awards--all of them testimonials to his dedicated service to the institutions, laws and people of the state and the nation.

September 10, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James White Shocknessy (contd)

Mr. Shocknessy was appointed to The Ohio State University's Board of Trustees in May, 1965 for a term which ended in 1974. He was chairman in 1971-72. It was through this service that we came to know him best.

A man of strong convictions and equally strong personal character, he served the University with great devotion, high principle and wise insight. His colorful and outgoing personality added warmth and spice to the deliberations and actions of the Board of Trustees. Although he never attended The Ohio State University, he loved it and took great pride in his status as its "adopted" son. This was a reflection of how he lent both his time and talent to the University--with a sense of service, not obligation.

On behalf of the University, the Board of Trustees expresses its heartfelt sympathy to the family and friends of James W. Shocknessy. It was directed that this resolution be inscribed in the minutes of the Board and that a copy be tendered to his family and close friends as a sincere expression of our sense of sympathy and loss.

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PROGRAM 60

Resolution No. 77-21

Synopsis: To establish Program 60 which requires State supported universities and colleges to permit senior citizens to attend classes on a nontuition, noncredit, space availability basis.

WHEREAS on December 7, 1973, President Enarson announced a plan for opening University resources to area residents over 65 to allow them to "sit in" on some University classes without cost; and

WHEREAS pursuant to Ohio Revised Code 3345.27 which provides that State universities and colleges permit any person sixty years of age or older who has been a resident of the State of Ohio for a minimum of one year shall be permitted to participate in academic courses on a noncredit basis, without payment of tuition or matriculation fee provided, however, that space in such classes is available and the instructor, department or college have approved such course for Program 60 participation; and

WHEREAS participants in courses shall not be officially admitted to the University and shall not receive University credit for any courses attended; and

WHEREAS the University may charge such participants special fees, if such fees are required of all students taking a course which the participant attends; and

WHEREAS courses which participants shall be permitted to attend shall be selected on a space available basis not earlier than the third day of each quarter; and

September 10, 1976 meeting, Board of Trustees

PROGRAM 60 (contd)

WHEREAS the University may exclude from the Program 60 any existing courses for which special prerequisites or special admission requirements apply or in which it determines that the physical demands a course places upon students are inappropriate for persons sixty years of age or older and the University may also exclude courses from this program for which the number of participating regular students is insufficient to cover the course related expenses:

NOW THEREFORE

BE IT RESOLVED, That Program 60 be adopted and that it be effective Autumn Quarter 1976 in accordance with the specifications outlined.

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

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**AUTHORIZATION FOR THE TREASURER OF THE UNIVERSITY TO SERVE
AS TRUSTEE FOR UNITRUSTS AND ANNUITY TRUSTS**

Resolution No. 77-22

Synopsis: Authorization for Treasurer of The Ohio State University to serve as Trustee for Unitrusts and Annuity Trusts.

WHEREAS The Ohio State University Development Fund has had requests from potential donors for the University or its designee to serve as Trustee of a charitable remainder unitrust or charitable remainder annuity trust, in order to minimize the expense of the trust by not having a bank serve as Trustee:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University be and he is hereby authorized to serve as Trustee for any charitable remainder unitrust and charitable remainder annuity trust in which The Ohio State University is the charitable remainder beneficiary; and to execute as Trustee and on behalf of the University, any and all documents approved by University legal counsel, which are required to complete such gifts.

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

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September 10, 1976 meeting, Board of Trustees

APPOINTMENT OF TRUSTEES TO THE POOLED INCOME TRUST FUND

Resolution No. 77-23

Synopsis: Appointment of Trustees for Pooled Income Funds.

WHEREAS the Board of Trustees by action of December 4, 1970, established a pooled income fund as a 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 this vehicle has attracted a number of donors to this University; and

WHEREAS because the widespread interest in this fund from potential donors throughout this country, thus involving differing regulations within the various states, creates the need for some supplementation and ratification of previous Trustees' action:

NOW THEREFORE

BE IT RESOLVED, That the form of Agreement and Instrument of Transfer, copies of which are attached hereto, with respect to the University's Pooled Income Fund II be, and they hereby are, approved, adopted, ratified and confirmed;

FURTHER RESOLVED, That the following four individuals be, and they hereby are, nominated and appointed to serve as trustees or donors transferring property to the University's Pooled Income II, each to serve at the pleasure of the Board of Trustees of the University in accordance with the terms of the instruments establishing Pooled Income Fund II:

James R. McCoy
Ernest W. Leggett
Joseph F. Platt
Charles R. Traphagan

FURTHER RESOLVED, That the nomination and appointment of Ernest W. Leggett and Joseph F. Platt as two of the original trustees of the University's Pooled Income Fund established in 1971, now known as Pooled Income Fund I, and the nomination and appointment of James R. McCoy as a substitute trustee of Pooled Income Fund I be, and the same hereby is, approved, ratified and confirmed; that Charles R. Traphagan be, and he hereby is, nominated and appointed as the fourth trustee for Pooled Income Fund I; and that each of the said trustees shall serve at the pleasure of the Board of Trustees of the University in accordance with the terms of the instruments establishing Pooled Income Fund I.

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

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Contribution to Pooled Income Fund II

of The Ohio State University

(Instrument of Transfer)

The undersigned _____, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund II under the Agreement dated as of September 10, 1976, the following property:

the sum of \$

the securities or other properties listed in the schedule attached hereto,

subject to the following terms and conditions:

1. The transfer shall be effective on the _____ day of _____, 19 ____.

2. The property will be commingled with property transferred by other Donors who have made or make similar transfers, and will be subject in all respects to said Agreement, the terms and conditions of which are hereby adopted and made a part hereof. A copy of said Agreement, marked Exhibit A, is attached hereto.

3. The Donor retains for himself and creates for his spouse, a lifetime income interest in the property, determined under said Agreement. The income distributable to the life income beneficiaries shall be paid in accordance with said Agreement:

(a) To the Donor during his life

(b) To the Donor's spouse, _____, if she survives the Donor, during the remainder of her life.

The Donor retains the power exercisable only by will to revoke or terminate the income interest of his spouse.

4. An irrevocable remainder interest in the property is hereby transferred to The Ohio State University, to be severed from the Pooled Income Fund II and distributed to the University at the termination of said income interest, as provided in said Agreement.

5. The funds and properties so severed from the Pooled Income Fund II and distributed to the University shall be administered and expended by the University for the following purposes:

Signed by
by the Trustees of the Pooled Income Fund II, as of

, Donor, and accepted

Donor

Trustees

THE OHIO STATE UNIVERSITY

POOLED INCOME FUND II

This Agreement between The Ohio State University (the University) and James R. McCoy, Ernest W. Leggett, Joseph S. Platt and Charles R. Traphagan (the Trustees), dated as of the 10th day of September, 1976.

WITNESSETH:

The purpose and intent of this Agreement is to create The Ohio State University Pooled Income Fund II (the Trust), a pooled income fund as defined in Section 642 (c) (5) of the Internal Revenue Code and the regulations thereunder, through which donors may make contributions to the University subject to a retained life income interest. This Agreement and the Trust hereby created shall be construed and administered in a manner which is consistent with said statute and regulations.

1. *Contributions.* The Trust shall accept contributions of property (including money) from donors subject to the following terms and conditions:

a) An irrevocable remainder interest in the property shall be contributed to or for the use of the University.

b) The donor shall retain for himself and/or create for his spouse (to whom the donor is married at the time of the transfer) and/or other designated beneficiaries who are then alive and are acceptable to the Trustees a lifetime income interest in the property transferred. If a spouse or other beneficiary is named as a co-beneficiary with the donor, the instrument of transfer shall designate the share of income payable to each and whether such shares are to be enjoyed concurrently and/or consecutively. The donor may retain the power exercisable only by will to revoke or terminate the income interest of his spouse or other designated beneficiary.

c) Each instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement, and each instrument of transfer shall in turn be adopted or incorporated by reference herein.

2. *Certain Properties Excluded.*

a) The Trustees shall not accept or hold any property transferred under arrangements other than those specified in paragraph 1 of this Agreement.

b) The Trustees shall not accept or invest in and the Trust shall not include any securities, the income from which is exempt from federal income tax.

POOLED INCOME FUND II (contd)

3. *Commingling of Life Income Properties.* The property transferred to the Trust by each donor shall be commingled with and invested or reinvested with other property transferred to the Trust by other donors satisfying the requirements of paragraph 1 of this Agreement.

4. *Fiscal Year - Valuation Dates.* The Trust shall operate on a fiscal year ending on June 30. The Trust property shall be valued on the first day of each fiscal year (including a fiscal period of less than 12 months), on the first day of each quarter-annual period, and on each date on which property is transferred to the Trust by a donor.

5. *Allocation and Distribution of Income.*

a) The income share of each beneficiary for each quarter-annual period of the Trust shall be determined by the rate of return earned by the Trust for such period with respect to his income interest (computed on the basis of units of participation). Income distributions shall be paid quarterly not later than 20 days after the end of each quarter.

b) Each income interest retained or created shall be assigned a number of units of participation which number shall be computed by dividing the fair market value of the property transferred by the fair market value of a unit in the Trust immediately before such transfer. The fair market value of a unit in the Trust shall be determined by dividing the fair market value of all property in the Trust at such time by the number of units then in the Trust. Although the value of the units vary from time to time, all units in the Fund shall always have equal value.

c) The amount of income allocated to each unit of participation in the Trust shall be determined by dividing the income of the Trust for the taxable year by the outstanding number of units in the Trust at the end of such year; provided, however, that in the allocation of income to units outstanding during only part of a year (or part of a quarter-annual period) the Trustees shall take into consideration the period of time during which such units were outstanding.

d) The income interest of a beneficiary shall terminate with the last regular payment made before his death. The Trustees shall not be required to prorate any income payment to the date of the beneficiary's death.

6. *Classification of Income.*

a) For purposes of this Agreement the term income refers to the ordinary income of the Trust after deducting any costs and expenses incurred by the Trust which are properly chargeable to income, determined under the law of Ohio, and such term has the same meaning as it does under Section 643 (b) of the Internal Revenue Code of 1954, or corresponding provisions of any subsequent Federal Tax Law, and the regulations thereunder.

POOLED INCOME FUND II (contd)

b) In allocating receipts and disbursements as between principal and income, the Trustees shall be governed by good accounting practices. Specifically (without intending to limit this general rule) all net gains realized in the sale or other disposition of securities and other investments, capital gains distributions received from investment companies, mutual or common trust funds, liquidating distributions, and all other items not defined as income under Section 643 (b) of the Internal Revenue Code shall be allocated to principal.

Despite any provision of this Trust to the contrary, the Trust shall not accept, hold, or invest or reinvest in any mutual or common trust fund which accepts, holds, or invests or reinvests in any security the income from which is exempt from federal income tax.

7. *Distribution of Remainder Interest.*

a) Upon the termination of an income interest an amount equal to the value of the remainder interest in the property upon which the income interest was based shall be severed from the Trust and transferred to the University. The value of the remainder interest for such purpose shall be its value as of the date of the last regular payment made before the beneficiary's death.

b) The instrument of transfer by the donor may include a statement of his intention or a direction as to the purposes for which the property is to be used by the University. Any such statement or direction shall be reviewed by the Trustees of the Trust and the transfer shall not be accepted unless such purposes are approved.

8. *Maintenance of Trust - Trusteeship.*

a) The Trust has been created and will always be maintained by the University, and the Trustees shall be subject to the control of the University. The University may remove any one or more of the Trustees at any time without cause, and in case of such removal or other vacancy in the Trusteeship the University shall designate one or more successor Trustees.

b) No donor to the Trust or beneficiary of an income interest in the Trust shall be eligible to serve as Trustee, and no donor or beneficiary shall exercise any responsibilities, directly or indirectly, with respect to the Trust which would ordinarily be exercised by a Trustee.

c) All expenses of operating the Trust including any compensation payable to the Trustees and all other costs and expenses will be paid or reimbursed by the University; provided however that the University reserves the right to make an annual charge for investment and fiscal services against the ordinary income of the Trust distributable to the life income beneficiaries not to exceed one-half of 1% of such income. No such charge

POOLED INCOME FUND II (contd)

shall be made unless a comparable charge is made against all other pooled income funds, if any, maintained by the University.

9. *Administrative Powers.*

a) Subject to the provisions of paragraph 10 and to the rules and regulations applicable to pooled income funds as defined in Section 642 (c) (5) of the Internal Revenue Code, the Trustees shall have full and complete power and authority to administer the property in the Trust, including the power to retain, sell, assign, transfer, exchange, mortgage, pledge, contract with respect to and in any manner dispose of any or all of the property; to lease property, including leases for terms extending beyond the period of the Trust; to execute any instruments or writings incidental to the exercise of their powers; to exercise any voting, subscription and other rights and privileges incidental to securities; to cause securities to be registered in the name of a nominee. The Trustees are given broad discretion in the investment of funds, including the authority to invest in all types of securities - other than tax exempt securities, see paragraph 2 (b) - and other classes of property deemed to be in the best interests of the beneficiaries and the University. No person dealing with the Trustees shall be under a duty to see to the application of the proceeds of any transaction, and the execution of any instrument or paper by the Trustees shall be conclusive evidence to those dealing with them or their power so to act.

b) The Trustees may consult with the managers and investment advisers of The Ohio State University, holding the general endowment funds of the University, and may make use of services of the University in connection with purchases and sales of securities and other properties. It is intended, however, that this Trust shall at all times be maintained as a separate investment account operated by the Trustees. Detailed accounting records shall be maintained at all times, specifically identifying the assets included in the Trust and the income earned by such assets.

10. *Federal Tax Requirements.* The following specific prohibitions shall apply to the Trust, as a split-interest trust within the meaning of Section 4947 (b) of the Internal Revenue Code:

a) The Trustees shall not engage in any act of self-dealing as defined in Section 4941 (d) of the Code.

b) The Trustees shall not retain any excess business holdings as defined in Section 4943 (c) of the Code.

c) The Trustees shall not make any investment in such manner as to subject the Trust to tax under Section 4944 of the Code.

POOLED INCOME FUND II (contd)

d) The Trustees shall not make any taxable expenditures as defined in Section 4945 (d) of the Code.

11. *Duration of Trust - Amendments.*

a) The Trust shall remain in existence as long as any life income interests are outstanding, and thereafter until all property in the Trust has been transferred to the University.

b) This Agreement shall be irrevocable and shall not be subject to amendment except to comply with Section 642 (c) (5) of the Internal Revenue Code and the regulations thereunder, or corresponding provisions of any subsequent federal tax law or regulations.

Executed by the undersigned Trustees as of the date first written above.

Trustees

September 10, 1976 meeting, Board of Trustees

AMENDMENT TO RULE 61.09 OF RULES OF THE UNIVERSITY FACULTY

Resolution No. 77-24

Synopsis: Amendment to Board Rule for control of dogs and other animals on the campus.

WHEREAS there existed and continues to exist on this University's properties a serious problem relating to stray dogs and other animals which jeopardizes not only the safety and convenience of its students, faculty and staff and is disruptive to the conduct of the business of this University as well; and

WHEREAS the Board of Trustees on July 31, 1969, did enact a rule regulating the control of dogs and other animals on The Ohio State University Campus and subsequently amended this rule on September 2, 1971; and

WHEREAS the University is experiencing considerable difficulty in enforcing the present rule particularly relating to the holding of such animals on this campus for a proscribed period before delivery to the appropriate authorities:

NOW THEREFORE

BE IT RESOLVED, That this Board amend its previous action specifically relating to the containment and removal of such animals to be more compatible with the relevant ordinance of the City of Columbus (Chapter 2319) to wit:

61.09. Control of Dogs and Other Animals.*

Section 1. No person, being the owner or keeper, or harboring or having charge of any dog or other animal, shall permit the same upon the grounds of The Ohio State University unless it be under the personal control of its owner or keeper by a leash not more than 6 feet in length. A dog or other animal, leashed but unattended, is not under the personal control of its owner or keeper. Nor shall such a person, being the owner or keeper or harboring or having charge of any dog or other animal, permit the same in any University building or housing, except for seeing eye dogs when accompanying their masters and except for animals brought by their owner or keeper for use for approved research purposes or for observation or care by veterinary clinic personnel.

Section 2. Any dog or other animal found upon the grounds of The Ohio State University or in any University building, except as permitted pursuant to the provisions of Section 1 hereof, may be taken into custody by University authorities. University authorities shall, as soon as practicable after assuming custody thereof, turn the dog or other animal over to appropriate county or municipal authorities for delivery to the custody of the Humane Society. Release from custody should be sought pursuant to the Society's rules.

* Rule initiated by Board of Trustees.

September 10, 1976 meeting, Board of Trustees

AMENDMENT TO RULE 61.09 OF RULES OF THE UNIVERSITY FACULTY (contd)

Section 3. The owner or keeper of any dog or other animal taken into custody by University officials pursuant to this Rule shall pay to the University, upon presentation of a bill therefor, \$25 to reimburse the University for costs incurred in impounding the dog or other animal and turning it over to the control and custody of county or municipal authorities. (B/T 7/31/69, 9/2/71, 9/10/76)

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

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PERSONNEL ACTIONS

Resolution No. 77-25

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 "Salary Roll" of the University since the July 9, 1976 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1976-1977, be approved.

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

Appointments

Name: WILLIAM E. VANDAMENT
Title: Executive Assistant to the President and Director of Budget and Resources Planning
Department: Budget and Resources Planning
Effective: October 1, 1976
Salary: \$40,080
Present Position: Director of Studies, University Commission on Purposes and Priorities, State University of New York

Name: JAMES F. ROBESON
Title: Associate Dean and Director Continuing Education
College: Administrative Science
Effective: October 1, 1976
Salary: \$34,320
Present Position: Professor and Chairman, Academic Faculty of Marketing

September 10, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

WILLIAM J. VERNER, Assistant Dean, College of Engineering Administration, effective July 12, 1976 through August 11, 1976, for personal reasons.

JERROLD RICHARD VOSS, Professor and Chairman, Department of City and Regional Planning, effective July 1, 1976 through August 31, 1976, to complete a U. N. project in Southeast Asia.

KEITH I. BROWN, Professor, Department of Poultry Science, effective December 1, 1976 through February 28, 1977, to conduct research in reproductive physiology and learn new research techniques at Spelderholt Institute for Poultry Research, Beekbergen, The Netherlands.

HAO CHANG, Professor, Department of History, effective October 1, 1976 through December 31, 1976, to accept a Senior Research Fellowship from the National Endowment for the Humanities.

PAUL CHESTER CLAYTON, Professor, Cooperative Extension - State Operations and Department of Poultry Science, effective July 1, 1976 through July 31, 1976, to participate in an FAO assignment in India.

STELLA KONTRAS, Professor, Department of Pediatrics, effective July 1, 1976 through August 23, 1976, for personal reasons.

ROBERT E. JACOBSON, Professor, Cooperative Extension Service and Department of Agricultural Economics and Rural Sociology, effective July 1, 1976 through August 31, 1976, to accept a Visiting Professorship at the University of California.

JOHN C. RULE, Professor, Department of History, effective January 1, 1977 through March 31, 1977, to accept a Fellowship at the Huntington Library, San Marino, California.

LINNEA ANDERSON, Associate Professor, School of Allied Medical Professions, effective July 1, 1976 through July 31, 1976, for personal reasons.

WARREN FORD LEE, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective July 1, 1976 through July 31, 1976, to accept a temporary appointment with the Farm and Rural Development, Economics Branch, Canada Department of Agriculture in Ottawa, Canada.

September 10, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

THOMAS A. SELIGA, Associate Professor, Department of Electrical Engineering and Director, Engineering Experiment Station, effective July 1, 1976 through August 31, 1976, to accept a short-term appointment in the Advanced Study Program at the National Center for Atmospheric Research.

HARI M. SHARMA, Associate Professor, Department of Pathology, effective August 16, 1976 through August 31, 1976, for personal reasons.

KELSO LEE WESSEL, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective April 16, 1977 through June 30, 1977, to accept a Visiting Professorship at University of New England, Armidale, Australia.

CARTER V. FINDLEY, Assistant Professor, Department of History, effective October 1, 1976 through March 31, 1977, to pursue a program of research for which he has received fellowship support from the Joint Committee on the Near and Middle East of the Social Science Research Council and the American Council of Learned Societies.

LESLIE P. FRANCIS, Assistant Professor, Department of Philosophy, effective October 1, 1976 through March 31, 1977, to teach at the University of Utah.

LOUISE B. GUTHMAN, Assistant Professor, Department of Dance, effective October 1, 1976 through December 31, 1976, to participate in professional performances in New York City.

KATHARINE HOCH, Assistant Professor, Department of History, effective January 1, 1977 through March 31, 1977, to travel and do research.

LEWIS A. LINDNER, Assistant Professor and Research Associate, Department of Psychiatry, effective July 12, 1976 through October 17, 1976, to work on a project for the State of Ohio, Department of Mental Health and Mental Retardation.

JAMIE B. FERRARO, Instructor, Department of Communication, effective January 1, 1977 through September 30, 1977, for personal reasons.

JEFFREY D. LAYMAN, Instructor, Cooperative Extension Service, effective August 17, 1976 through October 31, 1976, for personal reasons.

September 10, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

LINDA KAY ROBERTS, Instructor, Cooperative Extension Service, effective January 1, 1977 through March 31, 1977, to engage in a program of professional improvement at The Ohio State University.

Emeritus Titles

ELEANOR W. BULATKIN, Department of Romance Languages and Literatures, with the title Professor Emeritus, effective July 1, 1976.

RUTH M. ERLANDSON, University Libraries, with the title Professor Emeritus, effective August 1, 1976.

IRIS E. MACUMBER, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1976.

DUNCAN MCCONNELL, College of Dentistry, with the title Professor Emeritus, effective August 1, 1976.

LOREN TOMLINSON, Academic Faculty of Early and Middle Childhood Education, with the title Professor Emeritus, effective September 1, 1976.

ESTHER E. SCHATZ, Academic Faculty of Early and Middle Childhood Education, with the title Associate Professor Emeritus, effective August 1, 1976.

ORVAL J. BALDWIN, Department of Engineering Graphics, with the title Assistant Professor Emeritus, effective September 1, 1976.

ELIZABETH JENKINS, University Libraries, with the title Assistant Professor Emeritus, effective July 1, 1976.

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September 10, 1976 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-26

Synopsis: The report on contracts, grants, and gifts and the summary for June and July is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the months of June, 1976, and July, 1976, be approved.

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

September 10, 1976 meeting, Board of Trustees

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

ANNUAL SUMMARY

(July 1, 1975 - June 30, 1976)

OFFICE OF BUSINESS AND ADMINISTRATION

	1974-1975		1975-1976		% Change
	No. of Projects	Level of Support	No. of Projects	Level of Support	from 1974-75
Federal					
Student Programs	33	\$ 9,583,606.00	33	\$10,763,345.00	12
Training Grant	132	10,021,060.62	113	6,369,416.66	(36)
Total - Federal	165	\$19,604,666.62	146	\$17,132,761.66	(13)
State of Ohio	47	2,917,797.25	46	3,188,208.87	9
Industrial and Other	48	1,700,535.01	76	2,825,715.70	66
Totals	260	\$24,222,998.88	268	\$23,146,686.23	(05)

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

ANNUAL SUMMARY

(July 1, 1975 - June 30, 1976)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

	1974-1975		1975-1976		% Change from 1974-75
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration*	9	\$ 549,472.00	12	\$ 776,960.00	41
National Aeronautics and Space Administration	13	376,159.31	16	566,072.00	50
National Science Foundation	75	2,318,090.00	83	2,967,185.00	28
Department of Defense	77	2,830,051.00	81	2,953,787.00	4
Health, Education, and Welfare	168	12,790,414.00	150	10,224,309.00	(20)
Other Federal	86	3,450,996.50	38	4,057,214.50	17
Total - Federal	428	\$22,315,182.81	380	\$21,545,527.50	(3)
State of Ohio	23	\$ 534,974.00	17	\$ 252,488.30	(53)
Industrial, Private, and Other Non-Federal Sponsors	133	\$ 2,846,675.78	127	\$ 2,394,506.64	(16)
Totals	584	\$25,696,832.59	524	\$24,192,522.44	(6)

* Amount of support received from Energy Research and Development Administration in Fiscal Year 1975-1976 is compared with amount of support received from U. S. Atomic Energy Commission in Fiscal Year 1974-1975.

September 10, 1976 meeting, Board of Trustees

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

ANNUAL SUMMARY

(July 1, 1975 - June 30, 1976)

ENGINEERING EXPERIMENT STATION

	1974-1975		1975-1976		% Change from 1974-75
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	23	\$ 202,383.00	20	\$ 290,032.00	43
State of Ohio	23	394,842.00	16	672,988.00	70
Industrial and Other	337	776,464.00	322	1,014,469.00	31
Totals	383	\$1,373,689.00	468	\$1,977,491.00	44

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

ANNUAL SUMMARY

(July 1, 1975 - June 30, 1976)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	1974-1975		1975-1976		% Change from 1974-75
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	29,864	\$ 734,888.09	35,571	\$ 801,418.06	9
Major Resources Group					
Deferred Gifts	34	968,769.38	47	1,957,202.33	102
Major Individual Gifts	724	1,382,051.73	825	1,593,331.33	15
Corporate Gifts	647	1,225,847.89	794	1,877,535.61	53
Foundation and Non-Profit Organization Gifts	564	2,654,410.08	641	1,749,433.69	(34)
Totals	1,969	6,231,079.08	2,307	7,177,502.96	15
Totals	31,833	\$6,965,967.17	37,878	\$7,978,921.02	15

September 10, 1976 meeting, Board of Trustees

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

SUMMARY FOR JUNE 1976

Source	No. of Projects	Support Level
Office of Business and Administration	64	\$ 6,570,712.57
The Ohio State University Research Foundation	110	5,764,672.00
The Engineering Experiment Station	5	86,570.00
		\$12,421,954.57
The Ohio State University Development Fund	7,061 Donors	1,346,683.74
Establishment of Named Fund:		
The Jerrald Allen Brown Memorial Fund (College of Law)		1,500.00

September 10, 1976 meeting, Board of Trustees

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

SUMMARY FOR JULY 1976

Source	No. of Projects	Support Level
Office of Business and Administration	37	\$2,662,480.24
The Ohio State University Research Foundation	38	1,253,514.00
The Engineering Experiment Station	7	116,962.00
		\$4,032,956.24
The Ohio State University Development Fund	2,205 Donors	393,519.99
Establishment of Named Funds:		
Evans Scholars--Western Golf Association Program at The Ohio State University (University golf team)		20,387.62
The Walter D. and Hannah G. Feller and Dallas H. and Nellie H. Moorhead Endowment Fund (Departments of Agronomy and Animal Science)		1,000.00
The E. Ann Gabriel Scholarship Fund (Accounting)		1,000.00

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$1,070,001.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Dentistry, July 1, 1976 through June 30, 1977. (Grant No. 05S000047-11)

\$935,612.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Medicine, July 1, 1976 through June 30, 1977. (Grant No. 05S000031-11)

\$379,854.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, July 1, 1976 through June 30, 1977. (Grant No. 05S000064-07)

\$205,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Continued Development of Individualized and Field Based Prep Programs for Personnel Serving the Handicapped, Academic Faculty for Exceptional Children, June 1, 1976 through May 31, 1977. (Grant No. G007402749)

\$183,561.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, July 1, 1976 through June 30, 1977. (Grant No. 05S000056-07)

\$164,950.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Continuation of In-School Work Experience, Center for Vocational Education, July 16, 1976 through March 21, 1977. (Contract/Order No. NE-C-00-4-0012, Modification No. 8)

\$163,529.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Career Planning Programs for Women Employees, Center for Vocational Education, July 1, 1976 through December 30, 1977. (Grant No. G007604056)

\$152,378.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Professional Nurse Traineeship Program - Training Grant, School of Nursing, August 1, 1976 through July 31, 1977. (Grant No. 1 A11 NU00264-01)

\$145,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Cooperative Development of Performance Based Curricular Systems for Vocational Education Personnel, Center for Vocational Education, February 1, 1976 through October 31, 1976. (Contract/Order No. NE-C-00-3-0077, Modification No. 5)

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$133,045.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Relating the Capabilities of the Handicapped to the Human Attribute Requirements of Jobs, Center for Vocational Education, July 1, 1976 through June 30, 1977. (Grant No. G007603970)

\$127,383.00 - Department of Health, Education, and Welfare, Public Health Service, Chicago, Illinois, Health Professions - Special Project Grant Program, College of Pharmacy, July 1, 1976 through June 30, 1977. (Project Identification No. 05D000714-010)

\$100,486.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Evaluation of the Executive High School Internship Program, Center for Vocational Education, July 15, 1975 through July 14, 1976. (Contract/Order No. NE-C-00-4-0012, Modification No. 9)

\$100,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Entrepreneurship for Post-Secondary Institutions, Center for Vocational Education, August 1, 1976 through January 31, 1978. (Grant No. G007603930)

\$96,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., LAC for Slavic and East European Studies, Department of Slavic Languages and Literatures, July 1, 1976 through June 30, 1977. (Grant No. G007603664)

\$93,144.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Optometry, July 1, 1976 through June 30, 1977. (Grant No. 05S000068-11)

\$77,359.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Study of Vocational Education in Ohio Correctional Institution, Center for Vocational Education, July 1, 1976 through December 31, 1977. (Grant No. G007604317)

\$71,211.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Renal Disease - Training Grant, Department of Medicine, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 HL05975-04)

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$65,486.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Clinical Psychology - Training Grant, Department of Psychology, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH05061-30)

\$64,135.00 - Department of Health, Education, and Welfare, Public Health Service, Region V, Chicago, Illinois, Continuation of the MEDIHC Program, College of Medicine, October 1, 1976 through September 30, 1977. (Contract/Order No. NO1-AH-24026, Modification No. 8)

\$59,111.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Allied Health Special Improvements - Competency Based Education Project - Training Grant, School of Allied Medical Professions, July 1, 1976 through June 30, 1977. (Grant No. 5 D01 AH60047-02)

\$58,776.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Postdoctoral Training in Neurological Surgery - Training Grant, Department of Surgery, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 NS05529-11)

\$55,561.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Specialization in Developmental Disabilities - Training Grant, Nisonger Center for Mental Retardation, July 1, 1976 through June 30, 1977. (Grant No. 1 D12 AH00913-01)

\$53,564.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Clinical Education Coordination - Training Grant, School of Allied Medical Professions, Physical Therapy Division, July 1, 1976 through June 30, 1977. (Grant No. 5 D12 AH00729-02)

\$40,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Adaptive Physical Education, School of Health, Physical Education, and Recreation, June 1, 1976 through May 31, 1977. (Grant No. G007402660, Revision No. 2)

\$37,070.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, M.S. in Medical Dietetics - Teacher Preparation - Training Grant, School of Allied Medical Professions, January 1, 1977 through December 31, 1977. (Grant No. 3 A02 AH00669-02S1)

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$33,966.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Research Training, Developmental Psychobiology - Institutional National Research Service Award, Department of Psychology, July 1, 1976 through June 30, 1977. (Grant No. 1 T32 MH14608-01)

\$26,136.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Comparative Pathology - Training Grant, Department of Veterinary Pathology, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 GM01052-14)

\$25,056.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Psychiatry - Basic Residency - Training Grant, Department of Psychiatry, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH08458-13)

\$24,978.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Evaluation of the Executive High School Internship Program, Center for Vocational Education, July 15, 1975 through July 14, 1976. (Contract/Order No. NE-C-00-4-0012, Modification No. 7)

\$24,088.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Protein Structure - Functions, Pheromones in Lower Plants - Development Award - Research Career Program, Department of Chemistry, June 1, 1976 through May 31, 1977. (Grant No. 5 K04 GM70711-3)

\$24,048.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Enzyme Immobilization for Conformation Change Detection - Development Award - Research Career Program, Department of Biochemistry, July 1, 1976 through June 30, 1977. (Grant No. 5 K04 GM00051-02)

\$18,958.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Child Psychiatry - Training Grant, Department of Psychiatry, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH11296-09)

\$15,850.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, M.S. in Medical Dietetics - Teacher Preparation - Training Grant, School of Allied Medical Professions, January 1, 1977 through December 31, 1977. (Grant No. 5 A02 AH00669-02)

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$14,798.00 - Department of Health, Education, and Welfare, Public Health Service, Chicago, Illinois, Health Professions - Special Project Grant Program, College of Veterinary Medicine, July 1, 1976 through June 30, 1977. (Project Identification No. 05D000692-01)

\$14,678.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Clinical Psychology Internship Training - Training Grant, Department of Psychiatry, July 1, 1976 through June 30, 1977. (Grant No. 2 T01 MH10778-10)

\$12,960.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Conference on Hearing and Vision Screening - MCH Training Grant, Center for Continuing Medical Education, July 1, 1976 through June 30, 1977. (Project Identification No. MCT-000962-01-0)

\$11,697.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Clinical Psychology - Training Grant, Department of Psychology, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH05061-30)

\$10,856.00 - Department of Health, Education, and Welfare, Public Health Service, Chicago, Illinois, Health Professions - Special Project Grant Program, Department of Veterinary Anatomy, July 1, 1976 through June 30, 1977. (Project Identification No. 05D000268-03)

\$10,800.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Social Work Education for Community Mental Health - Training Grant, College of Social Work, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH13626-03)

\$10,219.00 - Department of Health, Education, and Welfare, Public Health Service, Chicago, Illinois, Health Professions - Special Project Grant Program, College of Veterinary Medicine, July 1, 1976 through June 30, 1977. (Project Identification No. 05D000266-03)

\$4,320.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Child Psychiatry - Training Grant, Department of Psychiatry, July 1, 1976 through June 30, 1977. (Grant No. 5 T01 MH11296-09)

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$4,100.00 - National Science Foundation, Washington, D. C., Improvement of the Quality of Undergraduate Science Instruction, Department of Plant Pathology, with grant terminating May 31, 1978. (Proposal/Grant No. SER76-13308)

\$3,500.00 - Small Business Administration, Washington, D. C., Management Counseling and Technical Assistance, College of Administrative Sciences, April 20, 1976 through August 31, 1976. (Contract/Order No. SBA-0162-PMA-76, Modification No. 1)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Contracts and Grants Branch, National Eye Institute, Bethesda, Maryland, Research Fellowship Award, Department of Physiology, July 1, 1976 through June 30, 1977. (Fellowship No. 5 F32 EY05038-02)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Research Fellowship Award, Department of Chemistry, June 1, 1976 through May 31, 1977. (Fellowship No. 5 F32 NS05039-02)

TOTAL - FEDERAL CONTRACTS/GRANTS \$4,929,224.00

State of Ohio Contracts/Grants

\$619,439.61 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Special Services in Trade and Industrial Education, Academic Faculty of Vocational-Technical Education, July 1, 1976 through June 30, 1977.

\$217,749.92 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Special Services in Distributive Education, Academic Faculty of Vocational-Technical Education, July 1, 1976 through June 30, 1977.

\$102,100.20 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Special Services in Guidance Services, Academic Faculty of Vocational-Technical Education, July 1, 1976 through June 30, 1977.

\$88,835.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving Vocational Education in Correctional Institutions, Center for Vocational Education, July 1, 1976 through September 30, 1977.

\$88,788.00 - State of Ohio, Department of Education, Columbus, Ohio, Changing to Competency Based Teacher Education Curricula, Center for Vocational Education, July 1, 1976 through September 30, 1977.

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$88,550.00 - State of Ohio, Department of Education, Columbus, Ohio, Installation of Competency-Based Instruction, Center for Vocational Education, July 1, 1976 through September 30, 1977.

\$74,628.21 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Special Services in Business and Office Education, July 1, 1976 through June 30, 1977.

\$58,131.00 - State of Ohio, Department of Education, Columbus, Ohio, Improvement of Business-Industry-Labor Inputs into Personnel Development Programs, Center for Vocational Education, July 1, 1976 through September 30, 1977.

\$50,524.00 - State of Ohio, Department of Education, Columbus, Ohio, Increasing the Impact of Federally Administered Exemplary Projects on New and Ongoing Vocational Education Programs, Center for Vocational Education, July 1, 1976 through September 30, 1977.

\$43,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Industrial Materials Development for Trade and Industrial Education, Academic Faculty of Vocational-Technical Education, July 1, 1976 through June 30, 1977.

\$39,784.00 - State of Ohio, Department of Education, Columbus, Ohio, Improvement of Vocational Education Programs in Large Cities, Center for Vocational Education, July 1, 1976 through September 30, 1977.

\$30,844.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving In-Service Training for State Directors of Vocational Education, Center for Vocational Education, July 1, 1976 through September 30, 1977.

\$25,000.00 - State of Ohio, Department of Mental Health and Mental Retardation, Developmental Disabilities Planning and Advisory Council, Columbus, Ohio, Legal Affairs and Technical Assistance System, College of Law, July 1, 1976 through September 30, 1977. (R. D. Grant No. 76-715)

\$24,230.00 - State of Ohio, Department of Education, Columbus, Ohio, Improvement of the In-Service Training of Research Specialists in Vocational Education, Center for Vocational Education, July 1, 1976 through September 30, 1977.

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$23,410.63 - State of Ohio, Department of Mental Health and Mental Retardation, Developmental Disabilities Planning and Advisory Council, Columbus, Ohio, Nisonger Continuing Education Programs, Nisonger Center for Mental Retardation, July 1, 1976 through September 30, 1976. (R. D. Grants No. 76-701 - 706)

\$22,289.00 - State of Ohio, Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio, Technical Workshops in Vocational Education in Agriculture, Department of Agricultural Education, June 1, 1976 through October 31, 1976. (University Proposal Submission No. 02498)

\$17,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Instructional Materials Development for Distributive Education, Academic Faculty of Vocational-Technical Education, July 1, 1976 through June 30, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$1,614,303.57

Industrial and Other Contracts/Grants

\$20,000.00 - National Endowment for the Arts, Washington, D. C., Works of Living American Artists, College of The Arts, University Gallery, July 1, 1976 through June 30, 1977. (Grant R60-20-422)

\$7,185.00 - Michigan State University, East Lansing, Michigan, Collaboration with Michigan State University in the Development of Graduate Education in Agriculture in Brazil - Agriculture Engineering Study Team, College of Agriculture and Home Economics, July 1, 1976 through August 20, 1976. (Project No. MEC-OS-5)

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$27,185.00

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,088,580.00 - U. S. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resources Research, College of Administrative Science, 1 July 1972 through 30 September 1977. (Project 3489-A1 - Modification No. 7 and No. 8)

\$306,000.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station, 1 January 1976 through 31 March 1977. (Project 4347-A1 - New)

\$220,823.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunobiologic Responses of the Cat to Feline Oncornaviruses, Department of Veterinary Pathobiology, 30 June 1975 through 29 June 1977. (Project 4227-A1 - Modification No. 1)

\$154,939.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, *In Vitro* Study of the Nature of Interaction Between Chemical and Viral Carcinogens, Department of Veterinary Pathobiology, 20 February 1974 through 19 May 1977. (Project 3885-A1 - Modification No. 5)

\$138,428.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research, College of Biological Sciences, 3 June 1976 through 14 June 1977. (Project 4440-A1 - New)

\$130,482.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Resources Development, Division of Nursing, Bethesda, Maryland, Communicative Interaction - Methodology and Analysis, School of Nursing, 15 June 1976 through 14 June 1977. (Project 3235-A4 - Extension No. 4)

\$127,262.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Research Study to Determine the Biochemical, Enzymatic and Microbiological Composition of Plaque Associated with the Onset of Dental Caries, College of Dentistry. (Project 4170-A1 - Modification No. 1)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$115,677.00 - Department of Health, Education, and Welfare, Region V Office, Chicago, Illinois, Implementation of Project Category "A" into the Basic Dental Auxiliary Curriculum (Dental Assisting Dental Hygiene), Division of Dental Hygiene, College of Dentistry, 1 August 1976 through 31 July 1977. (Project 4463-A1 - New)

\$114,500.00 - National Science Foundation, Washington, D. C., Assessment of Needs and Existing Practices of U. S. Schools in Pre-College Education: A Literature Review, Evaluation, and Synthesis, Academic Faculty of Science and Mathematics Education, 30 June 1976 through 30 July 1977. (Project 4485-A1 - New)

\$113,520.00 - Department of Health, Education, and Welfare, Region V Office, Chicago, Illinois, Preparation for Entrance into the Health Professions, Office of Minority Affairs, 1 July 1976 through 30 June 1977. (Project 4319-A2 - Extension No. 1)

\$108,994.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Conduct Investigation of Clinical Pharmacology of Potential Anticancer Agents, College of Pharmacy, 23 June 1975 through 22 June 1977. (Project 4210-A1 - Modification No. 1)

\$101,100.00 - National Science Foundation, Washington, D. C., Sliding Wear of Metallic Materials, Department of Metallurgical Engineering, 1 September 1976 through 31 August 1978. (Project 4432-A1 - New)

\$100,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering, 30 June 1976 through 29 June 1979. (Project 4487-A1 - New)

\$91,195.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Testing of Drug Delivery Systems for Use in the Treatment of Narcotic Addiction, College of Pharmacy, 28 June 1973 through 27 June 1977. (Project 3715-A1 - Modification No. 7)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$90,786.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Delivery of Mental Health Services in Disasters, Department of Sociology, 21 June 1976 through 31 May 1977. (Project 4467-A1 - New)

\$88,063.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine, 26 June 1972 through 25 June 1977. (Project 3478-A1 - Modification No. 5)

\$84,882.00 - Department of Transportation, Federal Highway Administration, Washington, D.C., Transport Trailer Modification, Engineering Experiment Station, 1 January 1976 through 30 June 1976. (Project 3535-E1 - Modification No. 17)

\$80,622.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Quantitative Assays of Monocyte-Macrophage Function, Department of Medicine, 16 June 1975 through 15 June 1977. (Project 4213-A1 - Modification No. 1)

\$76,706.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Pre-College Social Development Program, Office of Minority Affairs, 1 June 1976 through 31 May 1977. (Project 3979-A3 - Extension No. 2)

\$73,752.00 - U. S. Energy Research and Development Administration, Washington, D. C., Advanced Technology Prototype System for Locating Underground Obstacles, ElectroScience Laboratory, Department of Electrical Engineering, 3 September 1975 through 30 September 1976. (Project 4304-A1 - New)

\$68,432.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Control of Macrophage Function by cAMP/cGMP in Neoplasia, Department of Medicine, 30 June 1976 through 29 June 1977. (Project 4474-A1 - New)

\$64,327.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Design and Synthesis of Fraudulent Sugars Related to Daunosamine, Department of Chemistry, 30 June 1976 through 20 June 1977. (Project 4226-A1 - Modification No. 1)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$64,200.00 - National Science Foundation, Washington, D. C., Research in Persuasive Communication, Department of Psychology, 1 July 1976 through 31 December 1977. (Project 4454-A1 - New)

\$59,600.00 - National Science Foundation, Washington, D. C., Acquisition of a Scanning Electron Microscope, Department of Botany, 1 June 1976 through 31 May 1977. (Project 4456-A1 - New)

\$56,893.00 - U. S. Office of Education, Department of Health, Education, and Welfare, BEH School Systems and Handicapped Education Bureau, Washington, D. C., Health, Physical Education, Recreation Abstract Input for NIMIS, College of Education - Administration, 15 April 1976 through 31 August 1976. (Project 4303-J3 - Modification No. 7)

\$56,000.00 - National Science Foundation, Washington, D. C., Properties of Heterogeneous Materials, Department of Physics, 1 July 1976 through 30 June 1978. (Project 4445-A1 - New)

\$52,600.00 - Department of Health, Education, and Welfare, Office of Assistant Secretary for Planning and Evaluation, Washington, D. C., Feasibility of Standardized Determination of Disability and Long Term Care, Mershon Center for Education in National Security, 1 July 1976 through 30 June 1977. (Project 3968-A3 - Extension No. 2)

\$52,095.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Methods for Prolonging Action of Narcotic Antagonists, College of Pharmacy, 1 June 1976 through 31 May 1977. (Project 3740-A2 - Extension No. 1)

\$51,062.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds, Department of Chemistry, 1 June 1976 through 31 May 1977. (Project 2793-G - Extension No. 7)

\$50,000.00 - National Science Foundation, Washington, D. C., Protein-Protein Interactions of Chloroplast Membrane Pigment Protein Complexes, Department of Biochemistry, 1 June 1976 through 31 May 1978. (Project 4443-A1 - 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)

\$48,692.00 - Environmental Protection Agency, Washington, D. C., Propagation of Insect Viruses in Cultured Insect Cells, Department of Entomology, 23 July 1976 through 22 July 1977. (Project 3745-A4 - Extension No. 4)

\$48,660.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Design and Evaluation of Antitumor Nucleoside Analogs, Department of Chemistry, 1 June 1976 through 31 May 1977. (Project 3980-A3 - Extension No. 2)

\$48,000.00 - National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals, Department of Physics, 1 July 1976 through 30 June 1978. (Project 4438-A1 - New)

\$46,976.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biochemistry of Nitrosourea Induced Brain Tumors, Department of Medicine, 1 June 1976 through 31 May 1977. (Project 2069-L - Extension No. 11)

\$46,913.00 - National Endowment for the Humanities, Washington, D. C., Modern Jewish History and Culture: A Summer Teacher Training Seminar, Department of History, 1 May 1976 through 31 December 1976. (Project 4402-A1 - New)

\$45,563.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Development Baseline Information on Mental Health Disaster Assistance/Crisis Intervention Needs and Resources, Department of Sociology, 21 June 1976 through 20 June 1977. (Project 4473-A1 - New)

\$45,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Advanced TDMA Techniques, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4116-A1 - Modification No. P00007)

\$43,000.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis, and Structure of Carbanionic Substances, Department of Chemistry, 1 July 1976 through 30 June 1977. (Project 4444-A1 - New)

\$42,000.00 - National Science Foundation, Washington, D. C., Crystalline Field Ordering, Quantum Diffusion, and Heat Pulse Propagation in Solid Hydrogen, Department of Physics, 1 July 1976 through 30 June 1977. (Project 4462-A1 - 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)

\$40,084.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry, 1 June 1976 through 31 May 1977. (Project 3359-A5 - Extension No. 4)

\$40,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Theoretical Research on the Translation of Phase-Structure Languages, Department of Computer and Information Science, 1 May 1975 through 30 June 1977. (Project 4151-A1 - Modification No. AFOSR-75-2811-B)

\$39,340.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Cardiovascular, Renal and Respiratory Effects of High Intensity, Intermediate Duration, Low Frequency Vibration, Department of Aeronautical and Astronautical Engineering, 1 June 1973 through 30 June 1977. (Project 3656-A1 and B1 - Modification No. AFOSR-73-2526-D)

\$37,872.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds, Department of Chemistry. (Project 1809-L - Supplement No. 1)

\$37,500.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Aspects of Decision Theory with Applications to Target Recognition and Digital Communications, Department of Computer and Information Science, 1 June 1972 through 31 May 1977. (Project 3444-A1 - Modification No. AFOSR-72-2351-G)

\$36,000.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., CO Probe Laser for Atmospheric Studies, ElectroScience Laboratory, Department of Electrical Engineering, 20 May 1976 through 18 February 1977. (Project 4430-A1 - New)

\$35,000.00 - National Science Foundation, Washington, D. C., Surface Effects in Yttrium Iron Garnet Single Crystal Films, Department of Physics, 1 July 1976 through 30 June 1977. (Project 4433-A1 - New)

\$34,067.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institutes of Allergy and Infectious Diseases, Bethesda, Maryland, Antimicrobial Principles of *Porophyllum Lanceolatum*, College of Pharmacy, 31 May 1976 through 30 May 1977. (Project 4185-A2 - Extension No. 1)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$33,468.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group, Department of Surgery, 1 February 1974 through 31 December 1976. (Project 3167-A5 - Supplement No. 2)

\$29,382.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nonparametric Partially Sequential Procedures, Department of Statistics, 1 June 1976 through 31 May 1977. (Project 4439-A1 - New)

\$29,100.00 - National Science Foundation, Washington, D. C., The Approximation Problems in Banach Spaces, Department of Mathematics, 1 July 1976 through 30 June 1977. (Project 4455-A1 - New)

\$24,519.00 - Department of State, Supply and Transportation Division, Washington, D. C., The Distribution of Gains from Trade Between the U. S. and the Soviet Union, Department of Economics, 15 June 1976 through 15 September 1977. (Project 4453-A1 - New)

\$24,200.00 - U. S. Energy Research and Development Administration, Brookhaven National Laboratory, Long Island, New York, Study of Repair Mechanisms in Carcinogenesis, Department of Radiology, 1 July 1976 through 30 June 1977. (Project 4250-A1 - Extension No. 1)

\$20,000.00 - National Science Foundation, Washington, D. C., Reciprocal Visit of USSR Corrosion Delegation to USA, Department of Metallurgical Engineering, 15 June 1976 through 30 June 1977. (Project 4464-A1 - New)

\$19,900.00 - National Science Foundation, Washington, D. C., Building Environmental Control Systems for Energy Conservation, Department of Mechanical Engineering, 15 February 1973 through 30 September 1976. (Project 3642-A1 - NSF Letter Dated 24 May 1976)

\$18,160.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Research on Preparation of Polymers Containing Carcinogenic Moieties, Department of Chemistry, 11 January 1974 through 31 December 1976. (Project 3870-A1 - Modification No. 4)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$18,000.00 - Department of the Navy, Naval Weapons Center, China Lake, California, Electromagnetic Scattering from Composite Surfaces, ElectroScience Laboratory, Department of Electrical Engineering, 30 June 1975 through 30 September 1976. (Project 4229-A1 - Modification No. P00004)

\$16,513.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Biochemical Aspects of Host-Parasite Relationships, Department of Zoology, 1 June 1976 through 31 May 1977. (Project 4215-A2 - Extension No. 1)

\$16,500.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Develop Methods and Determine the Incidence of Mycoplasma in/on Non-sterile Commercial Foods, Department of Medical Microbiology, 30 June 1976 through 29 June 1978. (Project 4486-A1 - New)

\$16,382.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Rotor Flow Field Research in Low Speed Helicopter Flight, Department of Mechanical Engineering, 30 June 1976 through 16 December 1976. (Project 4461-A1 - New)

\$16,000.00 - Department of the Army, U. S. Army Mobility Equipment Research and Development Command, Ft. Belvoir, Virginia, Development of a Subterranean Radar for Tunnel Location, ElectroScience Laboratory, Department of Electrical Engineering, 25 June 1976 through 24 December 1978. (Project 4460-A1 - New)

\$15,700.00 - National Science Foundation, Washington, D. C., Study of Micro-particle Variations in a 101-Meter Ice Core from South Pole, Antarctica, Institute of Polar Studies, 1 May 1976 through 30 April 1977. (Project 4452-A1 - New)

\$15,000.00 - U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Spectroscopic Measurements of Ozone, Water Vapor, and Other Atmospheric Gases, Department of Physics, 1 April 1974 through 30 September 1976. (Project 3910-A1 - Modification No. 4)

\$15,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Electronic Search Technology Applicable to the SETI Problem, Department of Electrical Engineering, 1 June 1976 through 31 May 1977. (Project 4442-A1 - New)

September 10, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$14,500.00 - National Science Foundation, Washington, D. C., Representability of Modular Forms by Theta Series, Department of Mathematics, 1 July 1976 through 30 June 1978. (Project 4459-A1 - New)

\$14,000.00 - Department of the Air Force, Air Force Office of Scientific Research Bolling Air Force Base, D. C., Workshop on Viscous Interactions and Boundary-Layer Separation, Department of Aeronautical and Astronautical Engineering, 30 June 1976 through 29 June 1977. (Project 4447-A1 - New)

\$13,200.00 - National Science Foundation, Washington, D. C., Algebra and Combinatorics, Department of Mathematics, 1 July 1975 through 30 June 1978. (Project 4141-A1 - NSF Letter Dated 15 June 1976)

\$12,400.00 - National Science Foundation, Washington, D. C., Simple Groups of 3-Component Type, Department of Mathematics, 1 July 1975 through 30 June 1978. (Project 4194-A1 - NSF Letter Dated 15 June 1976)

\$11,700.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Fluid Dynamic Interactions in Multiple Nozzle Arrays, Department of Aeronautical and Astronautical Engineering, 1 May 1973 through 30 September 1976. (Project 3670-A1 - Modification No. AFOSR-73-2537-F)

\$10,700.00 - National Science Foundation, Washington, D. C., Spaces of Similarities, Department of Mathematics, 1 July 1975 through 30 June 1978. (Project 4192-A1 - NSF Letter Dated 15 June 1976)

\$10,436.00 - Environmental Protection Agency, Washington, D. C., EPA/ORD Project Officers Course - Grant Administration and Interagency Agreements, Division of Continuing Education (LOG/MAP), College of Administrative Science, 1 July 1976 through 31 August 1976. (Project 4376-A2 - Extension No. 1)

\$10,192.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Mitochondrial Transmission Genetics, Department of Genetics, 1 June 1976 through 31 July 1977. (Project 3720-A4 - Revised Grant Award Dated 10 June 1976)

\$9,200.00 - National Science Foundation, Washington, D. C., Combinatorial Geometry: The Whitney Numbers and Poset Geometries, Department of Mathematics, 1 July 1976 through 30 June 1977. (Project 4451-A1 - New)

September 10, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,200.00 - National Science Foundation, Washington, D. C., Annular Functions and Related Problems, Department of Mathematics, 1 July 1976 through 30 June 1977. (Project 4470-A1 - New)

\$9,000.00 - National Science Foundation, Washington, D. C., Algebraic Structures Related to Lie Algebras, Department of Mathematics, 1 July 1976 through 30 June 1977. (Project 4458-A1 - New)

\$7,634.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Veterinary Drug Experience Reporting Program, Department of Veterinary Clinical Sciences, 30 June 1976 through 29 June 1977. (Project 4484-A1 - New)

\$7,200.00 - National Science Foundation, Washington, D. C., Representations of Coalgebras, Department of Mathematics, 1 July 1976 through 30 June 1977. (Project 4471-A1 - New)

\$7,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Spacecraft Antenna Study - Computational Techniques for Satellite Antenna and Antenna Systems, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4091-A1 - Modification No. P00007)

\$6,700.00 - National Science Foundation, Washington, D. C., Equipment Grant - Components for the Interferometer, Department of Mechanical Engineering, 1 June 1976 through 31 May 1977. (Project 4465-A1 - New)

\$6,600.00 - National Science Foundation, Washington, D. C., Almost Everywhere Convergence in Ergodic Theorems, Department of Mathematics, 1 July 1976 through 30 June 1977. (Project 4448-A1 - New)

\$3,930.00 - U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D. C., Acquisition of Academic Library Resources for the Agricultural Technical Institute, Wooster, University Libraries, 1 July 1976 through 30 June 1977. (Project 4478-A1 - New)

\$3,930.00 - U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D. C., Acquisition of Academic Library Resources for Newark Regional Campus, University Libraries, 1 July 1976 through 30 June 1977. (Project 4479-A1 - 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)

\$3,930.00 - U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D. C., Acquisition of Academic Library Resources for Marion Regional Campus, University Libraries, 1 July 1976 through 30 June 1977. (Project 4480-A1 - New)

\$3,930.00 - U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D. C., Acquisition of Academic Library Resources for Mansfield Regional Campus, University Libraries, 1 July 1976 through 30 June 1977. (Project 4481-A1 - New)

\$3,930.00 - U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D. C., Acquisition of Academic Library Resources for Lima Campus, University Libraries, 1 July 1976 through 30 June 1977. (Project 4482-A1 - New)

\$3,930.00 - U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D. C., Acquisition of Academic Library Resources (OSU Libraries), University Libraries, 1 July 1976 through 30 June 1977. (Project 4483-A1 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$5,207,253.00

State of Ohio Research Contracts/Grants

\$13,821.00 - The Ohio Program in the Humanities, Columbus, Ohio, From Revolt to Respectability: The Ohio Labor History Film Project, Academic Faculty of Labor and Human Resources, 1 December 1975 through 31 July 1976. (Project 4341-A1 - New)

\$4,346.00 - The Ohio Program in the Humanities, Columbus, Ohio, Women in the Arts: Shaping Human Values, Office of Women's Studies, Office of Academic Affairs, 1 April 1976 through 31 July 1976. (Project 4389-A1 - New)

\$4,307.00 - The Ohio Program in the Humanities, Columbus, Ohio, Weekend for Women 1976, Continuing Education, Office of Educational Services, 1 April 1976 through 31 July 1976. (Project 4390-A1 - New)

\$3,500.00 - State of Ohio - Department of Rehabilitation and Correction, Columbus, Ohio, Evaluation of the Marion Correctional Institute Drug/Alcohol Treatment Program (Project Papillon), School of Public Administration, 1 May 1976 through 31 August 1976. (Project 4457-A1 and A2 - New)

September 10, 1976 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)

\$600.00 - State of Ohio - Department of Mental Health and Mental Retardation, Columbus, Ohio, The Child Batterer: An Exploration into Socialization, Department of Sociology, 1 July 1976 through 30 September 1976. (Project 4202-A3 - Extension No. 2)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$26,574.00

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

\$122,813.00 - Kroger Company, Cincinnati, Ohio, Dairy Food Plant Waste Control, Department of Food Science and Nutrition, 1 January 1976 through 30 June 1978. (Project 4441-A1 - New)

\$95,630.00 - Battelle Columbus Laboratory, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology, 1 April 1975 through 30 June 1976. (Project 4155-A1 - Supplement No. 3)

\$90,208.00 - American Cancer Society, New York, New York, The Effect of Neoplasia and Immunotherapy on Human Monocyte-Macrophage Tumoricidal Activity, Department of Medicine, 1 July 1976 through 30 June 1978. (Project 4466-A1 - New)

\$39,365.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics, 1 June 1976 through 31 May 1977. (Project 4446-A1 - New)

\$24,663.00 - Man to Man Association, Inc., Columbus, Ohio, M-2 Project Evaluation, School of Public Administration, 1 June 1976 through 31 May 1977. (Project 4437-A1 - New)

\$20,000.00 - American Cancer Society, New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center, Office of Health Sciences, 1 July 1976 through 30 June 1977. (Project 4472-A1 - New)

\$17,050.00 - American Heart Association, Inc., New York, New York, Anti-Vascular Endothelium Antibody in Transplantation, Department of Surgery, 1 July 1976 through 30 June 1977. (Project 3935-A3 - Extension No. 2)

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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)

\$15,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 3911-A1 - Funding Dated 11 June 1976)

\$15,000.00 - 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, 1 June 1976 through 31 May 1977. (Project 4477-A1 - New)

\$14,000.00 - Muscular Dystrophy Association, Inc., New York, New York, Energetics of Muscular Contraction in Dystrophic Chickens, Department of Physiology, 1 July 1976 through 30 June 1977. (Project 4450-A1 - New)

\$13,640.00 - American Heart Association, Inc., New York, New York, Venous Compliance and Contractility in Renal Hypertension, Department of Pharmacology, 1 July 1976 through 30 June 1977. (Project 4310-A2 - Extension No. 1)

\$12,760.00 - American Otological Society, San Diego, California, Cytochemistry and Mineralization of Otosclerotic Stapes, Department of Otolaryngology, 1 July 1976 through 30 June 1977. (Project 2789-F - Extension No. 6)

\$8,802.00 - Corporation for Public Broadcasting, Washington, D. C., Development of Citizen Feedback Mechanisms: Ascertainment for Public Television Stations, Department of Political Science, 1 May 1976 through 30 September 1976. (Project 4436-A1 - New)

\$8,716.00 - Muscular Dystrophy Association, Inc., New York, New York, Neurophysiological Studies of Dystrophic and Normal Chick Embryo Spinal Cords, Department of Physiology, 1 July 1976 through 30 June 1977. (Project 4190-A2 - Letter Dated 20 April 1976)

\$8,484.00 - Battelle Columbus Laboratory, Durham Operations, Durham, North Carolina, Scientific Services Program STAS, ElectroScience Laboratory, Department of Electrical Engineering, 10 May 1976 through 30 September 1976. (Project 4429-A1 - New)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Normal and Neoplastic Pituitary in Functional Tissue Culture, Department of Veterinary Pathology, 1 July 1976 through 30 June 1977. (Project 4475-A1 - New)

September 10, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

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

\$5,940.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, A Study of the Oncogenic Potential of R-Type Virus-Like Particles Found in Hamster Cells, Department of Microbiology, 1 July 1976 through 30 June 1977. (Project 4476-A1-New)

\$5,520.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, The Role of Cyclic 3', 5' Adenosine Monophosphate (cAMP) in Anti-Tumor Cytotoxicity, Department of Microbiology, 1 July 1976 through 30 June 1977. (Project 4469-A1-New)

\$3,995.00 - Miami University, Oxford, Ohio, Mammalian Feeding Behavior: Analysis of Feeding Tree Preferences in the Tassel-Eared Squirrel, Department of Zoology, 15 May 1976 through 31 May 1977. (Project 4449-A1 - New)

\$3,259.00 - The Regents of the University of Colorado, Denver, Colorado, Study of Various Therapeutic Agent Effects on Crohn's Disease, Department of Medicine, 15 May 1972 through 31 August 1976. (Project 3496-A1 - Modification No. 4)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$530,845.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contracts

\$55,150.00 - State of Ohio, Department of Transportation, Columbus, Ohio, A State-wide Study of Subgrade Soil Support Condition, Department of Civil Engineering, June 13, 1976 through June 12, 1977. (EES 518, Extension No. 1)

\$16,820.00 - State of Ohio, Power Siting Commission, Columbus, Ohio, Application of the SAGE Code to Evaluate Ohio Utility Systems Expansion Schedules, Department of Mechanical Engineering, December 1, 1975 through November 30, 1976. (EES 535)

\$3,600.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Evaluation of Illumination Designs for Accident Reduction at High Nighttime Accident Highway Sites, Department of Industrial and Systems Engineering, April 1, 1976 through June 30, 1976. (EES 434, Extension No. 6)

September 10, 1976 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

State of Ohio Research Contracts (contd)

\$1,000.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Appalachian Highway Systems Study, Department of City and Regional Planning, May 1, 1976 through June 30, 1976. (EES 538)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS \$76,570.00

Industrial and Other Research Contract

\$10,000.00 - Koehring Road Division, Springfield, Ohio, Sonic and Ultrasonic Compaction of Bituminous Materials, Department of Engineering Mechanics, July 1, 1976 through August 31, 1976. (EES 531, Extension No. 2)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$66,776.20 from Consolidated Business Services, Inc., Columbus, Ohio--\$64,987.20 for the Department of Medicine General Fund and \$1,789.00 for the Cardiology Support Fund.

\$50,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Partnership in Engineering Education Fund.

\$20,387.62 from Children's Hospital - Dispatch Charities Pro-AM Championship, Columbus, Ohio, for the Evans Scholars Program.

\$16,479.74 from the American Medical Association, Chicago, Illinois, for the College of Medicine Progress Fund.

\$12,000.00 from Contact Lens Association of Ophthalmologists, Inc., Lebanon, Indiana, for the Eye Bank Fund.

\$10,637.00 from Harold R. Haviland, Defiance, Ohio--\$5,318.50 for the Lehoczky Memorial Fund and \$5,318.50 for the Department of Industrial and Systems Engineering Manufacturing Processes Program.

\$10,512.50 from Albert T. Koren, Rocky Gap, Virginia--\$10,000.00 Niagara Mohawk Power Corporation General Mortgage Bond 10.20% Series due March 1, 2005 valued at \$10,512.50 to be used for scholarships.

September 10, 1976 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)

\$10,402.50 from Hoffmann-LaRoche, Inc., Nutley, New Jersey, for infectious disease research.

\$7,500.00 from The Yassenoff Foundation, Inc., Columbus, Ohio, for the Student-Athlete Grant-in-Aid Fund.

\$7,000.00 from William H. Havener, M.D., Columbus, Ohio--\$4,000.00 for a new project to be used for the support of departmental photographic needs and photographer and \$3,000.00 for eye research.

\$6,500.00 from American Hoechst Corporation, Somerville, New Jersey, for a new project in the Department of Veterinary Clinical Sciences to support the study of exercise physiology research in equines.

\$5,504.00 from Paul M. Savage, Columbus, Ohio--\$3,404.00 for the Presidents Fund, \$2,000.00 for University College, and \$100.00 for Friends of WOSU.

\$5,000.00 from ALCOA Foundation, Pittsburgh, Pennsylvania, for their project in civil engineering.

\$5,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for infectious disease research.

\$5,000.00 from Estate of John H. Yerian, Youngstown, Ohio, for cancer research.

September 10, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Jerrald Allen Brown Memorial Fund

The Jerrald Allen Brown Memorial Fund was established September 10, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dorothy A. Brown, B.S. '68 and Morris J. Brown, B.S. '69, in memory of their son, Jerrald Allen Brown, B.A. '65, J.D. '68 (June 30, 1944 to April 6, 1974).

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 \$5,000. At that time, the income is to be used to provide scholarship assistance for one or more students enrolled in the College of Law with a second or third year standing. Preference is to be given to students who have demonstrated academic excellence and a need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation 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 law education.

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$606,874.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Mental Retardation Training - Maternal and Child Health Training Grant, Nisonger Center for Mental Retardation, July 1, 1976 through June 30, 1977. (Project Identification No. MCT - 000922-10-0)

\$200,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., National Study of Vocational Education in Corrections, Center for Vocational Education, July 1, 1976 through December 31, 1977. (Grant No. G007604417)

\$108,600.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Vocational Technical Education Leadership Development, Academic Faculty of Vocational-Technical Education, July 1, 1976 through August 30, 1977. (Grant No. G007603539)

\$103,347.00 - United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Assistance Administration, Student Financial Aids, August 1, 1976 through July 31, 1977. (Grant No. 76-LP-05-7076)

\$84,000.00 - National Science Foundation, Washington, D. C., support of four Energy-Related Graduate Traineeships, Department of Mechanical Engineering, during each of the next three years beginning in Autumn 1976 and expiring September 30, 1979. (Proposal/Grant No. SMI76-10694)

\$69,409.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Rehabilitation Medicine - Training Grant, Department of Physical Medicine, July 1, 1976 through June 30, 1977. (Grant No. 44-P-25122/5-15)

\$59,360.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Hospital and Health Services Administration - Training Grant, University Hospital - Hospital and Health Services Administration Division, July 1, 1976 through June 30, 1977. (Grant No. 5 A04 AH02050-02)

\$48,480.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Foreign Language and Area Fellowship (NDFL), Graduate School, July 1, 1976 through June 30, 1977. (Grant No. G007604024)

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$40,850.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland-\$22,500.00 for Nursing Student Loans-Baccalaureate Degree, July 1, 1976 through June 30, 1977; and \$18,350.00 for Nursing Scholarships-Baccalaureate Degree, July 1, 1976 through June 30, 1978, Student Financial Aids. (I. D. No. 05L390029-77; Former No. B 7 45 0430 15 1)

\$36,433.00 - Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, Comprehensive Social Work Education for the Field of Child Welfare (Long-Term Training) - Training Grant, College of Social Work, July 1, 1976 through June 30, 1977. (Grant No. 84-P-95821/5-02)

\$36,427.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology - Institutional National Research Service Award, Department of Medicine (Neurology), July 1, 1976 through June 30, 1977. (Grant No. 1 T32 NS07091-01)

\$28,955.00 - Department of Health, Education, and Welfare, Social and Rehabilitation Service, (PSA), Region V, Chicago, Illinois, Short-term Training Project for Planning and Implementing the Title XX Program - Training Grant, College of Social Work, July 1, 1976 through June 30, 1977. (Grant No. 85-P-95857/5-01)

\$25,550.00 - Department of State, Agency for International Development, Washington, D. C., Support for a Research Program in Off-Farm Income in Taiwan and Korea, Department of Agricultural Economics and Rural Sociology, June 30, 1976 through December 30, 1977. (Grant No. AID/otr-G-1494)

\$21,031.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Speech Pathology and Audiology - Training Grant, Department of Communication, September 1, 1976 through August 31, 1977. (Grant No. 44-P-25121/5-13)

\$8,708.00 - Environmental Protection Agency, Office of Research and Development, Industrial Environmental Research Laboratory, Industrial Processes Division, Research Triangle Park, North Carolina, Reviewing of the Iron and Steel Program and Evaluation of Waste Water Treatment Systems, Department of Metallurgical Engineering, July 1, 1976 through September 7, 1976.

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$5,771.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy - Training Grant, School of Allied Medical Professions, Physical Therapy Division, September 1, 1976 through August 31, 1977. (Grant No. 44-P-25124/5-13)

\$4,363.00 - National Science Foundation, Washington, D. C., for Support of the Inter-governmental Personnel Act, Office of International Programs. (IG-00076-03)

\$4,014.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland--\$2,475.00 for Nursing Student Loans-Graduate Degree, July 1, 1976 through June 30, 1977; and \$1,539.00 for Nursing Scholarships-Graduate Degree, July 1, 1976 through June 30, 1978, Student Financial Aids. (I.D. No. 05L390068-77; Former No. G 7 45 0430 15 1)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Cancer Research Resources and Centers, National Cancer Institute, Bethesda, Maryland, Cancer - Fellowship, Department of Chemistry, July 1, 1976 through June 30, 1977. (Fellowship No. 5 F32 CA05190-02)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Cancer Research Resources and Centers, National Cancer Institute, Bethesda, Maryland, Cancer - Fellowship, Department of Veterinary Pathobiology, July 1, 1976 through June 30, 1977. (Fellowship No. 5 F32 CA05040-02)

\$2,500.00 - Small Business Administration, Washington, D. C., Provide Management Counseling and Technical Assistance to Small Business Concerns, Mansfield Regional Campus, July 1, 1976 through December 31, 1976. (Contract No. SBA-06770-MA-77)

\$1,500.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Training Model in Speech Pathology and Audiology - Training Grant, Department of Communication, Speech and Hearing Science Section, July 1, 1976 through June 30, 1977. (Grant No. 44-P-81108/5-02, Supplement)

TOTAL - FEDERAL CONTRACTS/GRANTS \$1,502,172.00

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants

\$577,049.97 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Agricultural Education, Department of Agricultural Education, July 1, 1976 through June 30, 1977.

\$199,707.00 - State of Ohio, Department of Education, Columbus, Ohio, Improvement of Traffic Safety Education Programs and Practices and Development of New Programs, Center for Vocational Education, July 1, 1976 through June 30, 1977.

\$195,312.29 - 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, 1976 through June 30, 1977.

\$5,500.00 - State of Ohio, Department of Education, Columbus, Ohio, Initiation of the State Board of Education Bicentennial School for the Gifted, Academic Faculty for Exceptional Children, June 1, 1976 through August 15, 1976.

\$1,548.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teaching Grant, School of Home Economics, July 1, 1976 through June 30, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$979,117.26

Industrial and Other Contracts/Grants

\$57,131.48 - Wayne County Manpower Services, Wooster, Ohio, Funding of positions established in the Public Services Employment Program, Agricultural Technical Institute, July 1, 1976 through January 31, 1977.

\$29,688.00 - Licking-Delaware Manpower Consortium (The Licking County, Ohio, Commissioners), Newark, Ohio, for defining the role of The Ohio State University/Central Ohio Technical College in the Delivery of Manpower Services to clientele of the Licking-Delaware County CETA Program under Title II of the Comprehensive Employment and Training Act of 1973, The Ohio State University, Newark Campus, July 1, 1976 through September 30, 1976. (CETA Grant No. 39-6076-21, Modification No. 001)

\$28,000.00 - Milwaukee Public Schools, Milwaukee, Wisconsin, to provide a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, Center for Vocational Education, July 1, 1976 through June 30, 1977. (Contract No. CVE/ACE-135-MPS-76)

September 10, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial and Other Contracts/Grants (contd)

\$28,000.00 - Salinas Union High School District, Salinas, California, to provide a continuing organizational structure to facilitate the development, evaluation, training, dissemination, and demonstration of career education in the member school districts in the Alliance for Career Education, The Center for Vocational Education, July 1, 1976 through June 30, 1977. (Contract No. CVE/ACE-136-SUS-76)

\$18,000.00 - School Management Institute, Westerville, Ohio, Field Services Project, Academic Faculty of Educational Administration, July 1, 1976 through January 1, 1977.

\$8,020.00 - The Columbus Council, United States Navy League, Columbus, Ohio, Workshop on Ocean Study, College of Education, August 9, 1976 through August 25, 1976.

\$5,000.00 - The George Gund Foundation, Cleveland, Ohio, Bicentennial Foreign Policy Symposium: Lessons of the Past for American Diplomacy, Department of History, August 1976.

\$3,445.00 - The Columbus Foundation, Columbus, Ohio, for support of a six-week Summer Day Camp Pilot Program for Autistic Children, Nisonger Center for Mental Retardation, July 26, 1976 through September 3, 1976.

\$3,289.50 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation, June 30, 1976 through September 30, 1976.

\$617.00 - State Fair Community College, Sedalia, Missouri, provide two (2) consultant days plus minimal supporting service to assist with the development of an evaluation model for individualized instruction by providing clarification of research questions and methodology and to assist in the development of a prospectus for contract services, Center for Vocational Education, July 13-14, 1976.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$181,190.98

September 10, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$152,164.00 - Department of Health, Education, and Welfare, Public Health Service, Health Manpower Branch, Regional Health Administration, Chicago, Illinois, Health Professions Special Project, College of Medicine, 1 July 1976 through 30 June 1977. (Project 4246-A2 - Extension No. 1)

\$90,688.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Clinical-Pathologic Studies of Sudden Cardiac Death, Department of Preventive Medicine, 30 June 1976 through 29 June 1977. (Project 4234-A2 - Extension No. 1)

\$90,000.00 - Environmental Protection Agency, Washington, D. C., Application of Fourier Transform Spectroscopy to Air Pollution Problems, Department of Physics, 15 July 1976 through 14 July 1977. (Project 4221-A2 - Modification No. 2)

\$61,249.00 - Department of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, Rockville, Maryland, Effect of Elevated Temperature on Carcinogenesis, Department of Physiology, 30 June 1976 through 29 September 1977. (Project 4492-A1 - New)

\$60,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Radar Cross Section Studies and Calculations (U), ElectroScience Laboratory, Department of Electrical Engineering. (Project 4346-A1 - Modification No. P00001)

\$60,000.00 - National Science Foundation, Washington, D. C., Characterization of Subsurface Electromagnetic Soundings, ElectroScience Laboratory, Department of Electrical Engineering, 1 June 1976 through 31 May 1978. (Project 4490-A1 - New)

\$50,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Laser Atmospheric Absorption Studies, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4232-A1 - Modification No. P00003)

\$45,000.00 - U. S. Nuclear Regulatory Commission, Washington, D. C., Steady and Transient Natural Convection in Enclosed Fluid Layers with Volumetric Energy Sources, Department of Mechanical Engineering, 1 July 1976 through 30 September 1977. (Project 4230-A2 - Modification No. 2)

September 10, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$35,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, An Investigation of the Aerodynamic Characteristics of a New General Aviation Airfoil in Flight, Department of Aeronautical and Astronautical Engineering, 1 May 1975 through 31 March 1977. (Project 4173-A1 - Supplement No. 5)

\$25,847.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Amphetamine: Effects on Muscle Contraction Endurance, College of Pharmacy, 29 June 1976 through 31 May 1977. (Project 4488-A1 - New)

\$25,252.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry, 1 June 1976 through 31 May 1977. (Project 2720-F - Extension No. 6)

\$25,000.00 - National Aeronautics and Space Administration, Hampton, Virginia, A Flight Evaluation of the Drag Characteristics of the Bellanca Skyrocket II, Department of Aeronautical and Astronautical Engineering, 1 August 1976 through 31 January 1977. (Project 4497-A1 - New)

\$24,983.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Rotor Flow Field Research in Low Speed Helicopter Flight, Department of Mechanical Engineering, 30 June 1976 through 29 June 1977. (Project 4461-A1 - Sponsor letter dated 14 July 1976)

\$23,720.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., USAF-ASEE Summer Faculty Research Program, Department of Aeronautical and Astronautical Engineering. (Project 4350-A1 - Modification No. P00001)

\$17,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced Two-Phase Flow Investigation Including Flow Diagnostics, Department of Aeronautical and Astronautical Engineering, 1 July 1975 through 1 October 1976. (Project 4218-A1 - Modification No. P00001)

September 10, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,752.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Welding Fluxes -- "Optimization of Performance of Arc Welding Using Fluxes for Joining HY100 and HY130 KPSI in Ship Structures", Department of Welding Engineering. (Project 4125-A1 - Modification No. P00002)

\$12,484.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Antenna Math Modeling (GTD), Department of Electrical Engineering. (Project 4381-A1 - Modification No. P00001)

\$11,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering. (Project 4313-A1 - Modification No. P00001)

\$9,833.00 - National Endowment for the Humanities, Washington, D. C., Medieval Words and Music, School of Music. (Project 4339-A1 - Amendment No. 1)

\$8,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Fundamental Studies of Dissolution and Passivity of Alloys and Compounds, Department of Metallurgical Engineering. (Project 4131-A1 - Modification No. P00002)

\$4,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Permanent and Temporary Shifts in Hearing Threshold Produced by Exposure to Air Force Noise, Department of Otolaryngology. (Project 3873-A1 - Modification No. P00003)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$846,972.00

State of Ohio Research Contracts/Grants

\$31,503.00 - Ohio Department of Health, Columbus, Ohio, Care of the High-Risk Mother and Infant, Department of Pediatrics, 1 July 1976 through 30 September 1976. (Project 4100-A3 - Extension No. 2)

\$17,527.00 - Ohio Department of Health, Columbus, Ohio, OSU Family Planning Division - Fertility, Department of Obstetrics and Gynecology, 1 July 1976 through 30 September 1976. (Project 3510-A6 - Extension No. 5)

\$6,842.00 - Ohio Department of Health, Columbus, Ohio, OSU Family Planning Division - Infertility, Department of Obstetrics and Gynecology, 1 July 1976 through 30 September 1976. (Project 3509-A6 - Extension No. 5)

September 10, 1976 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)

\$750.00 - Ohio Energy and Resource Development Agency, Columbus, Ohio, Construction of a Survey Instrument for Citizen Perception of Energy Efficiency Practices, Mershon Center for Education in National Security, 12 July 1976 through 16 August 1976. (Project 4500-A1 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$56,622.00

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

\$119,000.00 - World Health Organization, 1211 Geneva - Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology, 1 July 1976 through 30 June 1977. (Project 3686-D1 - Amendment [D])

\$90,432.00 - The Proctor and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry, 1 July 1976 through 30 June 1977. (Project 2065-G - Extension No. 10)

\$44,668.00 - The Proctor and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry, 1 July 1976 through 30 June 1977. (Project 2070-D - Extension No. 11)

\$30,000.00 - Carnegie-Mellon University, Pittsburgh, Pennsylvania, Supplement to: Stress Corrosion Development of a Design Handbook on Stress Corrosion Cracking, Department of Metallurgical Engineering, 15 December 1975 through 14 December 1976. (Project 4119-B1 - New)

\$15,000.00 - The University of Wyoming, Laramie, Wyoming, Computer Solutions for Use in Estimating the Progress of In-Site Coal Gasification, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1976 through 31 May 1978. (Project 4491-A1 - New)

\$14,520.00 - American Heart Association, Dallas, Texas, Hydrophobic Binding in Thrombin Action, Department of Chemistry, 1 July 1976 through 30 June 1977. (Project 4498-A1 - New)

\$12,300.00 - World Health Organization, 1211 Geneva - Switzerland, Studies of the Antifertility Effects on Immunization of Baboons with a Placental Specific Protein, Department of Obstetrics and Gynecology, 1 July 1976 through 30 June 1977. (Project 4240-A2 - Extension No. 1)

September 10, 1976 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)

\$8,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion Chemistry in Low Oxygen Activity Atmospheres Characteristic of Gasified or Incompletely Combusted Coal, Department of Metallurgical Engineering, 1 June 1976 through 31 December 1976. (Project 4496-A1 - New)

\$6,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, The Analysis of Neutral Glycolipids and Gangliosides of Human Gliomas, Department of Pathology, 1 July 1976 through 30 June 1977. (Project 4489-A1 - New)

\$6,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, The Natural History of FANFT-Induced Bladder Cancer in Rats, Department of Surgery, 1 July 1976 through 30 June 1977. (Project 4493-A1 - New)

\$2,500.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 3911-A1 - Check dated 7 July 1976)

\$1,000.00 - National Audubon Society, New York, New York, Breeding Biology of the Yellow-Crowned Night Heron, Department of Zoology, 1 July 1976 through 30 June 1977. (Project 4495-A1 - New)

\$500.00 - Illuminating Engineering Research Institute, New York, New York, Studies of the Illumination Requirements for Roadway Visual Tasks, Institute for Research in Vision, College of Biological Sciences, 1 July 1973 through 31 December 1976. (Project 872 - Supplement No. 16)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$349,920.00**

September 10, 1976 meeting, Board of Trustees

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

THE ENGINEERING EXPERIMENT STATION

Federal Research Contracts

\$6,431.00 - U. S. Department of the Interior, Washington, D. C., Productivity of Great Lakes Zooplankton, Water Resources Center, July 1, 1976 through September 30, 1976. (EES 543)

\$5,210.00 - U. S. Department of the Interior, Washington, D. C., Preliminary Estimate of Ground-Water Recharge Rates, Related Stream Flow and Water Quality in Ohio, Water Resources Center, July 1, 1976 through September 30, 1976. (EES 542)

\$1,247.00 - U. S. Department of the Interior, Washington, D. C., Office of Institute Director: OWRT Interim Allotment Program, Water Resources Center, July 1, 1976 through September 30, 1976. (EES 540)

\$500.00 - U. S. Department of the Interior, Washington, D. C., A New Method of Removing Trace Metals by Adsorption, Water Resources Center, July 1, 1976 through September 30, 1976. (EES 541)

TOTAL - FEDERAL RESEARCH CONTRACTS \$13,388.00

Industrial and Other Research Contracts

\$79,974.00 - Electric Power Research Institute, Palo Alto, California, Model Study of ES Effects in Substations, Department of Electrical Engineering, January 1, 1976 through December 31, 1976. (EES 533)

\$18,600.00 - City of Columbus, Columbus, Ohio, Elimination of Filamentous Blue-Green Algae at the Southerly Sewage Treatment Plant, Department of Civil Engineering, July 12, 1976 through October 11, 1977. (EES 547)

\$5,000.00 - Columbus and Southern Ohio Electric Company, Columbus, Ohio, Participating Industry Research and Development Program in Solar Energy Conversion and Utilization, Department of Mechanical Engineering, January 8, 1976 through January 7, 1977. (EES 510)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS \$103,574.00

September 10, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$38,877.16 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$18,275.60 from Louise Orr Scott Foundation, Columbus, Ohio: \$13,706.70 for a scholarship fund in the College of Medicine and \$4,568.90 for a scholarship fund in the College of Pharmacy.

\$14,379.00 from The John A. Hartford Foundation, Inc., New York, New York, for research in pharmacologic control of portal hypertension.

\$14,056.90 from The Refractories Institute, Pittsburgh, Pennsylvania, for their research fund in the Department of Ceramic Engineering.

\$12,600.00 from the Central Ohio Lung Association, Columbus, Ohio, for a fellowship in the Department of Medicine.

\$10,000.00 from the Grange Mutual Casualty Company, Columbus, Ohio, to support the Public Education Broadcasting grant for the fall football games.

\$10,000.00 from Eli Lilly and Company, Indianapolis, Indiana: \$7,000.00 for their Organic Chemistry Research Fund and \$3,000.00 for the Antibiotic Development Program.

\$8,416.05 from the Estate of Edith E. Doud, Columbus, Ohio, for the President's Fund.

\$7,500.00 from Dr. John D. Kraus, Delaware, Ohio, for the Radio Telescope Research Fund.

\$6,000.00 from the Melvin E. Moffitt Estate, San Antonio, Texas, for an unrestricted named memorial (endowment) fund.

\$5,663.00 from the Dade Division American Hospital Supply Corporation for a research fund in the Department of Veterinary Clinical Sciences.

\$5,320.00 from the Procter & Gamble Company, Cincinnati, Ohio, for their fellowship fund in the Department of Chemical Engineering.

\$5,000.00 from Boehringer Ingelheim Ltd., Elmsford, New York, for a new project in the Department of Pharmacology.

\$5,000.00 from the Consolidated Natural Gas Company, Pittsburgh, Pennsylvania, for the University Hospital Support Fund.

September 10, 1976 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 from the Corning Glass Works Foundation, Corning, New York, for an equipment fund for the Department of Ceramic Engineering.

\$5,000.00 from Thomas F. Cox, Dayton, Ohio: \$2,500.00 for the Stadium Dormitory Scholarship Endowment Fund and \$2,500.00 for the President's Fund.

\$5,000.00 from Rohm and Haas Company, Philadelphia, Pennsylvania, for their fund in the Department of Chemistry.

Establishment of Named Funds

**Evans Scholars--Western Golf Associates Program
at The Ohio State University**

The Evans Scholars--Western Golf Associates Program at The Ohio State University was established September 10, 1976, by the Board of Trustees of The Ohio State University, with a gift from the Children's Hospital-Dispatch Charities Pro-Am Championship, through the cooperation of Jack W. Nicklaus, in memory of Edgar T. Wolfe, Jr., (Com. W '48), late publisher of the *Columbus Dispatch* 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 pay the fees of as many Evans Scholars now attending The Ohio State University as the income will provide for.

Should the need for this program 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 scholarships for the University golf team, upon the recommendations from the appropriate administrative official of the University who is then directly responsible for golf education.

**The Walter D. and Hannah G. Feller and
Dallas H. and Nellie H. Moorhead Endowment Fund**

The Walter D. and Hannah G. Feller and Dallas H. and Nellie H. Moorhead Endowment Fund was established September 10, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lyle L. Feller, B.S.Agr. '47 and Jane Moorhead Feller, Naperville, Illinois, in honor of their parents, Mr. and Mrs. Walter D. Feller and Mr. and Mrs. Dallas H. Moorhead.

September 10, 1976 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 D. and Hannah G. Feller and
Dallas H. and Nellie H. Moorhead 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 added to the principal until the fund reaches \$10,000. At that time, the income is to be divided evenly between the Department of Agronomy and the Department of Animal Science. Use of the funds will be designated by the chairmen of the two departments and 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 appropriate administrative official of the University who is then directly responsible for the study of agronomy and animal science.

The E. Ann Gabriel Scholarship Fund

The E. Ann Gabriel Scholarship Fund was established September 10, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from E. Ann Gabriel, 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 added to the principal until the fund reaches \$10,000. At that time, the income is to be used to provide one or more undergraduate scholarships for students enrolled in the College of Administrative Science and majoring in Accounting. First preference for this scholarship is to be given to female students who have demonstrated academic ability and a need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Chairman of the Academic Faculty of Accounting.

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 accounting education.

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September 10, 1976 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER

Resolution No. 77-27

Synopsis: Hamilton Hall is to be remodeled to improve electric distribution, thermal environment and lighting.

HAMILTON HALL REMODELING

WHEREAS Hamilton Hall is an existing building with four floors plus basement which was completed in 1925 and partially remodeled in 1950 with the building areas used for educational functions assigned to the College of Medicine; and

WHEREAS this project is intended to improve electric distribution, the thermal environment particularly on the fourth and fifth floors, and the lighting environment in selected areas, and to alter selected areas to meet current needs for laboratories, classrooms and offices; and

WHEREAS because of limitations of funding for the project, a feasibility study is required as a base for establishing limits of work for the project:

NOW THEREFORE

BE IT RESOLVED, That the firm of Wilson and Associates, Cincinnati, Ohio, be employed to provide complete architectural and engineering services for this project, including feasibility study, preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction; 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 total project cost being projected to be \$200,000, with funds provided from H.B. 687, Utilities and Renovation.

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. 77-28

Synopsis: Plans and specifications have been completed for the following two projects and are recommended for approval.

September 10, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

CAMPBELL HALL--EXTERIOR MASONRY REPAIR (WEST ELEVATION)

Project: Improve deteriorated exterior masonry walls.

Funding: H.B. 687 (Utilities and Renovation)

Estimated Project Cost: \$42,000.00

PAINTING--INTERIOR (MATHEMATICS BUILDING, MCPHERSON CHEMISTRY LABORATORY AND PLUMB HALL)

Project: This project will provide for repairs to badly deteriorated plaster, repainting of interior surfaces, in various areas of each building. These buildings were last painted in early 1960's.

Funding: Budget Account 126070 (Contract Repair)

Estimated Project Cost: \$81,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

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

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REPORT OF AWARD OF CONTRACTS

Resolution No. 77-29

Synopsis: Bids have been awarded for six projects to the lowest and best bidder in accordance with University procedures.

September 10, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows for each project:

DEAERATING FEEDWATER HEATER

Description: A new feedwater heater will remove oxygen from the boiler water system thereby prolonging the life span of the boiler system in the McCracken Power Plant.

Mechanical Contract

Date Received:	July 7, 1976
No. of Bids:	5
Low Bid:	\$101,500.00*
High Bid:	\$144,416.00*
Estimate of Cost:	\$128,259.00*
Awarded to:	Limbach Company (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

September 10, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

UNIVERSITY HALL MALL

Description: Landscaping in the University Hall area extending the pedestrian mall on the north side of the Oval.

General Contract

Date Received: July 15, 1976
No. of Bids: 7
Low Bid: \$55,715.00**
High Bid: \$92,072.00
Estimate of Cost: \$65,299.00*
Awarded to: A. L. Meyer Construction Co., Inc. (Columbus, Ohio)

*Recommended Alternates reflected in these figures.

**Four Seasons bid was \$39,500.00. With the concurrence of Department of Administrative Services, Division of Public Works, the bid was withdrawn because of error in submitting bid; therefore, the contract was recommended to the second low bidder in the amount of \$55,715.00.

RESEARCH CENTER--ROOF REPAIR (PHASE II)

Description: Repair of 22,700 square feet of the deteriorated roofing at the Research Center at 1314 Kinnear Road.

General Contract

Date Received: July 7, 1976
No. of Bids: 5
Low Bid: \$29,516.00*
High Bid: \$57,555.00
Estimate of Cost: \$60,060.00*
Awarded to: Edward A. Werner Construction (Columbus, Ohio)

*Recommended Alternates reflected in these figures.

September 10, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

ERNIE BIGGS ATHLETIC TRAINING FACILITY--PARKING LOT RENOVATION

Description: Blacktop parking lot and all necessary related restoration.

General Contract

Date Received:	August 6, 1976
No. of Bids:	7
Low Bid:	\$22,157.00
High Bid:	\$30,712.00
Estimate of Cost:	\$42,750.00
Awarded to:	Baker Construction Co. (Columbus, Ohio)

BOTANY AND ZOOLOGY BUILDING--WINDOW REPLACEMENT

Description: Work under this contract will provide for the replacement of 128 deteriorated wooden windows with aluminum windows on the north, east, south and west elevations of the main building (old part).

General Contract

Date Received:	July 28, 1976
No. of Bids:	4
Low Bid:	\$25,830.00*
High Bid:	\$58,667.00**
Estimate of Cost:	\$43,842.00**
Awarded to:	Condit Construction Products, Inc. (Columbus, Ohio)
Total Project Cost:	\$27,896.00
Funding:	Budget Account 126070 (Contract Repair)

*The apparent low bidder bid on an unacceptable substitution. The bid was not acknowledged.

**Recommended Alternates reflected in these figures.

September 10, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

MACQUIGG LABORATORY--REPLACEMENT OF ARCADE CEILING

Description: This project is to replace both plaster and structural suspension system of the deteriorated ceiling in the arcade between MacQuigg Laboratory and Watts Hall.

General Contract

Date Received:	August 13, 1976
No. of Bids:	6
Low Bid:	\$19,860.00*
High Bid:	\$36,000.00
Estimate of Cost:	\$35,500.00
Awarded to:	Waller and Lund, Inc. (Columbus, Ohio)

* Recommended substitution reflected in this figure.

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 - WAGE AND SALARY PROGRAM FOR SENIOR ADMINISTRATIVE
AND PROFESSIONAL STAFF AND UNCLASSIFIED STAFF MEMBERS**

Resolution No. 77-30

Synopsis: Wage and salary program for Senior Administrative and Professional Staff and Unclassified Staff.

WHEREAS approximately forty-two hundred full-time equivalent employees of this University are within the Administrative and Professional category, including Senior Administrative and Professional Staff, and Unclassified Staff; and

WHEREAS this University has approximately six thousand five hundred full-time equivalent employees who are within the State Classification and Compensation Plan established pursuant to Section 124 of the Ohio Revised Code; and

WHEREAS the classification levels and salary increases for all of this University's employees within the Classified Service are established by action of the General Assembly; and

September 10, 1976 meeting, Board of Trustees

**REPORT - WAGE AND SALARY PROGRAM FOR SENIOR ADMINISTRATIVE
AND PROFESSIONAL STAFF AND UNCLASSIFIED STAFF MEMBERS (contd)**

WHEREAS there have been a number of reclassifications and mandated pay increases provided through recent General Assembly action, which actions have created a serious differential in salary patterns for equivalent service between the University's Administrative and Professional group and the Classified Service group:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Personnel Services be directed to proceed with the development of a classification/compensation program for Senior Administrative and Professional Staff and Unclassified Staff, including the hiring of consultants to assist in formulating policy guidelines along with appropriate recommendations for implementation.

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

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**REPORT - LIABILITY INSURANCE COVERAGE FOR STUDENT TEACHERS
AND STUDENT TEACHER SUPERVISORS**

Resolution No. 77-31

Synopsis: Renewal of Liability Insurance coverages for Student Teachers and Student Teacher Supervisors (College of Education and College of Agriculture and Home Economics).

WHEREAS Section 3345.20 of the Ohio Revised Code authorizes this University to purchase liability insurance for Student Teachers and Student Teacher Supervisors; and

WHEREAS coverage for Student Teachers and Student Teacher Supervisors (College of Education and College of Agriculture and Home Economics) under the existing contract is expiring on September 1, 1976, competitive bids were solicited and received on July 1, 1976 to renew the coverage; and

WHEREAS The Buckeye Union Insurance Company, Atkinson-Dauksch Agencies, Inc., submitted the lowest and best quotation with the premium quote of \$3.38 per policy per year or the projected annual premium of \$5,070:

NOW THEREFORE

BE IT RESOLVED, That the Buckeye Union Insurance Company, Atkinson-Dauksch Agencies, Inc., be awarded the liability insurance coverages for Student Teachers and

September 10, 1976 meeting, Board of Trustees

**REPORT - LIABILITY INSURANCE COVERAGE FOR STUDENT TEACHERS
AND STUDENT TEACHER SUPERVISORS (contd)**

Student Teacher Supervisors (College of Education and College of Agriculture and Home Economics) effective on the expiration of the present contract with the premium being paid from General University Funds.

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--EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS
Resolution No. 77-32

Synopsis: Approval of Expenses for Designated Administrative Officials.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 77-33

RESOLVED, That the report on the University's Investment Portfolio dated September 9, 1976, 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 10, 1976 meeting, Board of Trustees

FOOTBALL TICKETS

The Chairman made a statement regarding the football ticket situation. He indicated that each year the problem becomes more acute. It would appear that there are two possible approaches to the alleviation of the problem. One is the reallocation of tickets within the various priority groups; the second is the expansion of the viewership through either telephonic means or the physical enlargement of the stadium. The Chairman asked that the Board support his request for a study of this matter by the University's administration.

The President responded indicating that various alternatives continue to be examined each year by the University's Athletic Council under whose authority such matters are vested by Big Ten rule. He went on to say that there is no easy solution particularly since this University adds 10,000 alumni through graduation each year, many of whom wish to purchase tickets. He suggested that while the Athletic Council has implemented a number of changes, the Council has not recommended physical expansion of the stadium since this would either necessitate a financial commitment on the part of the University from the capital improvements budget displacing existing high priority requests for much needed academic facilities or such an expansion would have to be self financed through athletic revenues. Past studies have shown that self financing is not feasible.

A discussion followed in which several Board members expressed deep concern regarding possible additional funding requirements that would be required to expand the existing stadium. The following motion was then made by Dr. Jacob and seconded by Mr. Hilliker:

The Board requests that a study be conducted by the President as to the various possibilities of increasing the availability of tickets and viewership for this University's home football games and that the President report his findings to the Board early next year.

Mr. Smith moved to amend the motion and Mr. Gushman seconded the motion requesting that the Athletic Council rather than the President conduct such a study.

The amendment and motion passed by unanimous voice vote.

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Thereupon the Board adjourned to meet Friday, October 1, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

M. Merle Harrod
Chairman

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

Columbus, Ohio, October 1, 1976

The Board of Trustees met at its regular monthly meeting on Friday, October 1, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: M. Merle Harrod, Chairman, John H. Dunlap, John L. Gushman, Chester Devenow, Warren J Smith, John D. Jacob, and Donald J. Hilliker.

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Minutes of the last meeting were approved.

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October 1, 1976 meeting, Board of Trustees

RESOLUTION IN MEMORIAM

Resolution No. 77-34

Synopsis: Resolution honoring the service of one of this University's faculty members.

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.

Dorothy C. Schreck, Assistant Professor Emeritus, University Libraries; 20 years of service.

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

Dorothy C. Schreck

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of Dorothy C. Schreck, Assistant Professor Emeritus in the University Libraries, on August 30, 1976.

Professor Schreck was born on October 16, 1895, in Minneapolis, Minnesota. She obtained a B. S. degree in 1917 from Carthage College, Carthage, Illinois. Her M. S. degree was earned at Kansas State College in Manhattan, Kansas, in 1920.

From 1919 to 1927, Professor Schreck served Kansas State College as Assistant Professor of Botany. She filled the post of Librarian of the Horticultural Society of New York Library from 1927 to 1929. In 1931 and 1932, she was Librarian for the Theatre Library of the Department of Drama at Yale University, and in 1945-46, she served as Reference Librarian at the Ames, Iowa, Public Library.

In 1946, Professor Schreck joined the staff of The Ohio State University Libraries where she served as Librarian of the Botany and Zoology Library until her retirement on June 30, 1966.

Her contributions to collection development and her continuing striving for improvements in library services for the students and faculty, made her a valuable member of the University community. Her areas of interest outside the field of botany and horticulture were English literature, drama, theatre, travel and the arts in general.

On behalf of the University community, the Board of Trustees expresses to her husband 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 her husband, Professor Everett M. Schreck as a sincere expression of sympathy and respect.

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October 1, 1976 meeting, Board of Trustees

NAMING OF BUILDINGS

Resolution No. 77-35

Synopsis: The naming of two buildings is being proposed.

WHEREAS pursuant to the authority of this Board in the naming of all buildings at The Ohio State University as set forth in Article VIII, Section 7, of the *Bylaws of the Board of Trustees*; and

WHEREAS there have been due deliberations and consultations with the College of Engineering; and

WHEREAS the President, with the concurrence of the President's staff, recommends that the building located at 140 West Nineteenth Avenue, presently known as the Chemical Engineering Building, be designated Joseph H. Koffolt Laboratories in honor of Joseph H. Koffolt, who served on the faculty and as Chairman of the Department of Chemical Engineering for forty years; and

WHEREAS, after consultations with the College of Dentistry, and with the concurrence of the President's staff, the President recommends that the Dentistry Building located at 305 West Twelfth Avenue, be named Wendell D. Postle Hall to honor the former Dean of the College of Dentistry:

NOW THEREFORE

BE IT RESOLVED, That the naming of the two buildings as specified be approved.

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

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AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES

Resolution No. 77-36

Synopsis: Amendments to Bylaws of the Board of Trustees are being proposed.

WHEREAS the *Bylaws of the Board of Trustees* provide for patterns of administrative structure in support of the various academic programs of this University; and

WHEREAS from time to time it is necessary to modify or extend these patterns to accommodate additional academic commitments:

NOW THEREFORE

BE IT RESOLVED, That the amendments as set forth on the following page be adopted.

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

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ARTICLE V

University Organization

Section 2. Basic educational organization of University.

The basic organization of the educational units of the University shall be Departments, Divisions, Academic Faculties, Schools, Research Institutes, Colleges, the Graduate School, and the Agricultural Technical Institute.

Section 3. Schools, Departments, Divisions, and Academic Faculties; defined and located.

The unit of the University for instruction, research, and extension in a defined field of learning is the School, Department, Division, or Academic Faculty.

Section 4. Schools, Departments, Divisions, and Academic Faculties; administration.

There shall be a Chairman of each Department, Division, or Academic Faculty and a Director of each School, who shall be the administrative head, respectively of the Department, Division, Academic Faculty or School. Each Chairman and Director shall be appointed for a term of four years and shall be eligible for reappointment. The manner of selecting a Chairman or Director as well as the determination of his authorities and responsibilities shall be fixed by rules and regulations promulgated by the Board of Trustees.

Section 5. Research Institutes; defined.

The unit of the University for inter-departmental and inter-school research activity is the Research Institute.

Section 9. Agricultural Technical Institute.

The unit of the University for instruction leading to the Associate of Applied Science degree in the agricultural technologies is the Agricultural Technical Institute (Wooster). Regarding matters of administration and operation, the Agricultural Technical Institute shall function as a School in the College of Agriculture and Home Economics.

October 1, 1976 meeting, Board of Trustees

ESTABLISHMENT OF "THE MELTON CENTER FOR JEWISH STUDIES"

Resolution No. 77-37

Synopsis: The establishment of "The Melton Center for Jewish Studies" is being proposed.

WHEREAS as a result of a gift of \$500,000 from Samuel Mendel Melton it is proposed that "The Melton Center for Jewish Studies" be established in the College of Humanities by the Board of Trustees of The Ohio State University; and

WHEREAS The Melton Center will be designed to promote the study of Jewish history, culture, society and language on the undergraduate and graduate levels at the University and undertake to encourage teaching, research and public outreach programs in the area of Jewish studies; and

WHEREAS The Melton Center will support the development and distribution of educational materials in Jewish studies for use in primary and secondary schools as well as in colleges and universities across the nation; and

WHEREAS The Melton Center for Jewish Studies will sponsor programs for the general public which will enable it to maintain a position of high visibility and public service in Columbus, Franklin County, and the State of Ohio; and

WHEREAS The Melton Center will establish and maintain productive contacts with city, state, and federal agencies, public and private foundations, and private citizens in order to attract additional outside funding to support the missions of the Melton Center:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University accept this generous gift from Samuel Mendel Melton with deepest gratitude and in accordance with the purposes and functions described above.

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

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PERSONNEL ACTIONS

Resolution No. 77-38

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 "Salary Roll" of the University since the September 10, 1976 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1976-1977, be approved.

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

October 1, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: WILLIAM J. STUDER
Title: Director of University Libraries and Professor of Library Science
Department: University Libraries
Effective: February 1, 1977
Salary: \$37,560
Present Position: Associate Dean of Libraries, Indiana University

Name: ALAN J. MILLER
Title: Director of University Public Safety
Department: Public Safety
Effective: November 1, 1976
Salary: \$24,600
Present Position: Director, Departments of Public Safety-Service, Fairview Park, Ohio

Leaves of Absence Without Salary

DEAN CHARLES MERCHANT, Professor, Department of Geodetic Science, effective August 3, 1976 through September 30, 1976, to serve an assignment at the Air War College.

IVAN I. MUELLER, Professor, Department of Geodetic Science, effective January 1, 1977 through March 31, 1977, to serve as a Visiting Professor at the Hochschule der Bundeswehr in Munich, Germany.

JILL C. D. S. YAQUB, Professor, Department of Mathematics, effective October 1, 1976 through December 31, 1976, to work at the University of Toronto.

YAN-SHUAN LAO, Associate Professor, Department of East Asian Languages and Literatures, effective October 1, 1976 through March 31, 1977, to teach at Harvard University.

DONALD ALAN HANSON, Assistant Professor, Department of City & Regional Planning, effective October 1, 1976 through September 30, 1977, to fulfill his National Science Foundation post-doctoral fellowship at MIT.

SARAH E. SHULTZ, Cooperative Extension Service, effective September 15, 1976 through November 30, 1976, to work on a Master's degree at Bowling Green State University and The Ohio State University.

October 1, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

LLOYD C. FERGUSON, Department of Veterinary Preventive Medicine, with the title Professor Emeritus, effective October 1, 1976.

BLAIR F. JANSON, Department of Plant Pathology, with the title Professor Emeritus, effective September 1, 1976.

GENEVIEVE W. TUCKER, Department of English, with the title Instructor Emeritus, effective July 1, 1976.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-39

Synopsis: The report on contracts, grants, and gifts and the summary for August, 1976 is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of August, 1976, be approved.

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

October 1, 1976 meeting, Board of Trustees

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

SUMMARY FOR AUGUST, 1976

Source	No. of Projects	Support Level
Office of Business and Administration	23	\$ 960,364.00
The Ohio State University Research Foundation	39	1,826,689.00
The Engineering Experiment Station	5	78,749.00
		\$2,865,802.00
The Ohio State University Development Fund	2,951 Donors	\$ 500,439.61
Establishment of Named Fund:		
The Edward C. Haaf Scholarship Fund (Varsity football)		10,000.00

October 1, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$253,975.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Cooperative Career Guidance System, Center for Vocational Education, October 1, 1976 through March 31, 1978. (Grant No. G007605052)

\$123,575.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland--\$117,732.00 for Health Professions Student Loans, July 1, 1976 through June 30, 1977; and \$5,843.00 for Health Professions Scholarships, July 1, 1976 through June 30, 1978, Student Financial Aids, College of Medicine. (I.D. No. 05L390071-77; Former No. 1 7 45 0430 15 1)

\$107,325.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland--\$94,908.00 for Health Professions Student Loans, July 1, 1976 through June 30, 1977; and \$12,417.00 for Health Professions Scholarships, July 1, 1976 through June 30, 1978, Student Financial Aids, College of Dentistry. (I.D. No. 05L390075-77; Former No. 2 7 45 0430 15 1)

\$86,697.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Veterinary Medicine, July 1, 1976 through June 30, 1977. (I.D. No. 05L390088-77; Former No. 7 7 45 0430 15 1)

\$66,338.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Pharmacy, July 1, 1976 through June 30, 1977. (I.D. No. 05L390079-77; Former No. 5 7 45 0430 15 1)

\$39,374.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland--\$36,453.00 for Health Professions Student Loans, July 1, 1976 through June 30, 1977; and \$2,921.00 for Health Professions Scholarships, July 1, 1976 through June 30, 1978, Student Financial Aids, College of Optometry. (I.D. No. 05L390077-77; Former No. 4 7 45 0430 15 1)

\$30,248.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Neocortical and Subcortical Interactions - Research Scientist Development - Type II, Department of Psychology, September 1, 1976 through August 31, 1977. (Grant No. 5 K02 MH12747-10)

October 1, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$25,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Strengthening Management/Practicum/Internship Component of O. S. U. MPA Program, School of Public Administration, September 1, 1976 through August 31, 1977. (Grant No. G007605010)

\$5,590.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Occupational Therapy - Training Grant, School of Allied Medical Professions, Occupational Therapy Division, September 1, 1976 through August 31, 1977. (Grant No. 44-P-25123/5-12)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Grants Management Officer, Division of Cancer Research Resources and Centers, National Cancer Institute, Cancer - Institution Allowance, Department of Medicine, July 1, 1976 through June 30, 1977. (Fellowship No. 5 F22 CA00776-03)

\$550.00 - United States Office of Education, Division of Vocational and Technical Education, Washington, D. C., for minimal supporting service and materials to assist in development of management information center, Center for Vocational Education, September 2 - 3, 1976.

TOTAL - FEDERAL CONTRACTS/GRANTS \$741,672.00

State of Ohio Contracts/Grants

\$100,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Establishment of a Center of Real Estate Education and Research, Academic Faculty of Finance, September 1, 1976 through June 30, 1977.

\$6,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Identification of Relevant Concepts and Content Regarding the Improvement of the Teaching-Learning Situations and to Orient One Hundred Fifty State Staff Personnel in the Use and Implementation of Such Concepts and Content, Department of Agricultural Education, July 1, 1976 through September 30, 1977.

\$6,341.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Analysis of Public Use of State Wildlife Areas in Ohio, Department of Zoology, July 1, 1975 through June 30, 1976. (W-126-R-2)

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$112,841.00

October 1, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial and Other Contracts/Grants

\$39,748.00 - Massachusetts Department of Correction, Boston, Massachusetts, Personnel Development Program for the Massachusetts Department of Correction, Center for Vocational Education, August 1, 1976 through January 31, 1977.

\$14,761.00 - Michigan State University, East Lansing, Michigan, Consultant to Escola Superior de Agricultura Luiz de Queiroz, Piracicaba, Brazil, College of Agriculture and Home Economics, September 15, 1976 through December 15, 1976. (MEC-OS-7c)

\$13,161.00 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, coordination of near north side mental retardation service delivery, Nisonger Center for Mental Retardation, October 1, 1976 through September 30, 1977.

\$10,270.00 - Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, CMAAO/CETA Higher Education Program, College of Education, June 21, 1976 through August 27, 1976.

\$8,074.00 - Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, CMAAO/CETA Higher Education Program, College of Social Work, June 21, 1976 through August 27, 1976.

\$8,020.00 - The Columbus Council, United States Navy League, Columbus, Ohio, Workshop on Ocean Study, College of Education, August 9, 1976 through August 25, 1976.

\$6,860.00 - International Research and Exchanges Board, New York, New York, exchange of Graduate Students and Young Faculty from the Soviet Union for 1976-1977, Department of Mechanical Engineering, September 1, 1976 through May 31, 1977.

\$2,951.00 - Council of Chief State School Officers, Office of Special Projects, Washington, D. C., Consultative Services as provided in the Needs Assessment for the Council of Chief State School Officers, Center for Vocational Education, August 15, 1976 through October 10, 1976.

\$2,006.00 - University of Maine at Portland-Gorham, Gorham, Maine, Consultants and Technical Assistance for Vocational Adult Education EPDA Training Project and Research Project CBAVE through PBVTE, Center for Vocational Education, August 30, 1976 through August 31, 1976.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$105,851.00

October 1, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$484,619.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Acute Spinal Cord Injury Research, Department of Surgery, 1 September 1976 through 31 August 1977. (Project 3358 Series - Extension No. 4)

\$158,398.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogenesis and Immunity, Department of Microbiology, 25 March 1975 through 24 March 1978. (Project 4134-A1 - Modification No. 3)

\$94,300.00 - National Science Foundation, Washington, D. C., Biostratigraphy of the Northern Antarctic Peninsula and Adjacent Islands, Antarctica, Institute of Polar Studies, 1 September 1974 through 30 April 1978. (Project 4073-A1 - Sponsor Letter Dated 9 August 1976)

\$86,172.00 - Environmental Protection Agency, Chicago, Illinois, Maumee River Watershed Study, Department of Agronomy, 10 May 1974 through 31 July 1977. (Project 3977-A1 - Modification No. 5)

\$86,000.00 - National Science Foundation, Washington, D. C., Surface Combustion of Hydrogen and Other Light Gaseous Fuels in the Presence of a Non-uniform Electrostatic Field and Corona Wind, Department of Mechanical Engineering, 15 August 1976 through 14 August 1978. (Project 4503-A1 - New)

\$63,012.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Lymphoid Leukemia: Immune RNA Therapy, 1 September 1976 through 31 August 1977. (Project 3538-A5 - Extension No. 4)

\$60,087.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, Development of a Guide for EMS Communications Training, Department of Preventive Medicine, 1 August 1976 through 31 July 1977. (Project 4501-A1 - New)

\$49,936.00 - Environmental Protection Agency, Washington, D. C., Effects of Different Forms of Selenium in Drinking Water on Selenium Disposition Metabolism and Glutathione Peroxidase Activity, Department of Pharmacology, 1 July 1976 through 30 June 1977. (Project 4208-A2 - Extension No. 1)

October 1, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$48,211.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, A Photochemical Search for Medicinal Constituents, College of Pharmacy, 1 September 1976 through 31 August 1977. (Project 4212-A2 - Extension No. 1)

\$47,300.00 - National Science Foundation, Washington, D. C., Chemical and Structural Relationships among the Intermediate Boron Hydrides: Applications to Metal Cluster and Mixed Boron Metal Cluster Systems, Department of Chemistry, 1 September 1976 through 31 August 1977. (Project 4509-A1 - New)

\$46,363.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry, 1 September 1976 through 31 August 1977. (Project 2012-L - Extension No. 11)

\$46,202.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Diseases and Stroke, Bethesda, Maryland, The Development of Extrapryamidal Systems, Department of Anatomy, 1 September 1976 through 31 August 1977. (Project 2512-H - Extension No. 8)

\$45,436.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis, Department of Chemistry, 1 August 1976 through 31 July 1977. (Project 3292-A6 - Extension No. 5)

\$43,232.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Application of Immobilized Enzymes in Protein Chemistry, Department of Biochemistry, 1 August 1976 through 31 July 1977. (Project 3477-A5 - Extension No. 4)

\$42,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, D. C., Fluid Dynamic Interactions in Multiple Nozzle Arrays, Department of Aeronautical and Astronautical Engineering, 1 May 1973 through 30 September 1977. (Project 3670-A1 - Modification AFOSR-73-2537-G)

\$40,000.00 - National Science Foundation, Washington, D. C., Catalysis by Labile Metal Ions in Mixed Ligand Systems, Department of Chemistry, 1 September 1974 through 31 August 1977. (Project 4039-A1 - Sponsor Letter Dated 16 August 1976)

October 1, 1976 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 Army, Army Research Office, Research Triangle Park, North Carolina, Soil-Landform Interactions in Wet Arctic and Alpine Tundras Along a Regional Climatic Gradient, Institute of Polar Studies, 15 July 1976 through 14 July 1979. (Project 4494-A1 - New)

\$35,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Tactual Display Aid for Primary Flight Training, Department of Aviation, 1 July 1975 through 30 September 1977. (Project 4211-A1 - Modification No. 2)

\$32,952.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Resources Development, Bethesda, Maryland, Predictors of Successful Nursing Performance, School of Nursing, 30 June 1974 through 31 December 1976. (Project 3970-A1 - Modification No. 4)

\$32,464.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, New Spectral Probes in Hemolytic Anemias, Department of Physiological Chemistry, 1 July 1976 through 30 June 1977. (Project 4235-A2 - Extension No. 1)

\$27,400.00 - National Science Foundation, Washington, D. C., Development of a Simple Pack-Ice Model Suitable for Eventual Interaction with NCAR Atmospheric and Oceanic General Circulation Models, Department of Geography, 1 September 1976 through 28 February 1978. (Project 4515-A1 - New)

\$25,000.00 - National Aeronautics and Space Administration, Moffett Field, California, The Study of Factual Sensing and Transmittal of Information, Department of Aviation, 1 September 1976 through 28 February 1977. (Project 4511-A1 - New)

\$22,297.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Vitamin D: Role of Induced CA ATPase in Intestine, Department of Veterinary Pathobiology, 1 September 1976 through 31 August 1977. (Project 4035-A3 - Extension No. 2)

\$20,135.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Investigation of the Boundary Layer Behavior on Turbine Airfoils - (Gas Turbine Transpiration Cooling Research), Department of Mechanical Engineering. (Project 4174-A1 - Modification No. P00002)

October 1, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$16,812.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Applications of Coarse Mesh Rebalancing Methods to Aerodynamics Equation, Department of Mechanical Engineering, 10 August 1976 through 10 August 1977. (Project 4517-A1 - New)

\$15,208.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Disease, Bethesda, Maryland, Establish Viral Reagent Testing Laboratory, Department of Medical Microbiology, 16 August 1976 through 15 August 1977. (Project 4505-A1 - New)

\$12,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced Transonic Airfoil Investigation Including Wall and Scale Effects, Department of Aeronautical and Astronautical Engineering. (Project 4294-A1 - Modification No. P00001)

\$10,538.00 - Department of the Army, Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodial and Babesial Antigens, Department of Microbiology, 1 December 1971 through 30 June 1977. (Project 3365-A1 - Modification No. P-608)

\$8,900.00 - National Science Foundation, Washington, D. C., Monograph of the Saprolegniaceae (Oomycetes), Department of Botany, 15 August 1976 through 14 August 1977. (Project 4514-A1 - New)

\$7,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Measurement of Resistive Torques in Major Human Joints, Department of Engineering Mechanics. (Project 4394-A1 - Modification No. P00001)

\$5,490.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law", "Cost and Price Analysis", and "Contract Administration", Division of Continuing Education, Office of Educational Services. (Project 4378-A1 - Modification No. P00001)

\$5,278.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Monolayers and the Properties of Membrane Lipids, Department of Physiological Chemistry, 1 October 1975 through 30 November 1976. (Project 4057-A2 - Supplement No. 1)

October 1, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$4,600.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Systematic Biology, Department of Botany, 15 August 1976 through 14 August 1978. (Project 4510-A1 - New)

\$3,400.00 - National Science Foundation, Washington, D. C., Plasma Diagnostics of Giant Non-thermal Emission Nebulae, Department of Astronomy, 1 July 1976 through 30 June 1978. (Project 4504-A1 - New)

\$2,381.00 - U. S. Office of Education, Bureau of Education, Bureau of Education for the Handicapped, Department of Health, Education, and Welfare, Washington, D. C., Development of a Sex Knowledge and Attitude Test for the Retarded, Nisonger Center for Mental Retardation, 1 July 1975 through 31 December 1976. (Project 4187-A1 - Modification No. 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$1,768,123.00**

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

\$28,500.00 - The Petroleum Research Fund, Washington, D. C., Paleomagnetic Control for a Coal Age Reconstruction of the North Atlantic, Department of Geology and Mineralogy 1 August 1976 through 31 August 1978. (Project 4499-A1 - New)

\$20,000.00 - Ashland Chemical Company, Columbus, Ohio, Stereo Electron Micrographic Studies of Carbon Black, Department of Geodetic Science, 1 August 1976 through 31 July 1977. (Project 4507-A1 - New)

\$6,400.00 - United Way of Central Stark County, Canton, Ohio, Effect of Oral Glucose and Alkali on Lower Esophageal Sphincter Pressure (LESP) and Release of Gastric Inhibitory Peptide (GIP), Department of Medicine, 1 September 1976 through 31 August 1977. (Project 4468-A1 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Determination of the Ganglioside Composition of Primitive Tumors of Neural and Non-neural Origin, Department of Pathology, 1 July 1976 through 30 June 1977. (Project 4506-A1 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS** **\$60,900.00**

October 1, 1976 meeting, Board of Trustees

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

THE ENGINEERING EXPERIMENT STATION

State of Ohio Research Contract

\$20,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Study of Pavement Overlay Design, Department of Civil Engineering, July 1, 1976 through March 31, 1977. (EES 457, Extension No. 3)

Industrial and Other Research Contracts

\$69,444.00 - The Ohio State University, Columbus, Ohio, Study of Energy Conservation for University Buildings, Department of Mechanical Engineering, July 1, 1976 through June 30, 1977. (EES 468X, Extension No. 4)

\$5,000.00 - Columbia Gas System Service Corporation, Columbus, Ohio, Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, March 1, 1976 through March 31, 1977. (EES 510X)

\$2,250.00 - Picker Corporation, Highland Heights, Ohio, Development of a Germanium Gamma Ray Camera System for Nuclear Medicine, Department of Mechanical Engineering, August 10, 1976 through September 30, 1976. (EES 434, Amendment No. 1)

\$2,055.00 - The Ohio State University, Columbus, Ohio, The ABLE Program Expansion, Department of Mechanical Engineering, July 1, 1976 through September 15, 1976. (EES 504, Extension No. 3)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS \$78,749.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$40,236.24 from Consolidated Business Services, Inc., Columbus, Ohio--\$38,916.24 for the Department of Medicine General Fund and \$1,320.00 for the Cardiology Support Fund.

\$25,249.00 from Robert Wood Johnson Foundation, Princeton, New Jersey, for the Robert Wood Johnson Foundation Medical Student Aid Fund.

\$25,000.00 from Caspian Trading Company (given in the name of James J. Zand), Columbus, Ohio, for the General Surgery Fund.

\$25,000.00 from Estate of Helen S. Bernstein, Columbus, Ohio, for scholarships to deserving students.

October 1, 1976 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)

\$18,392.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Clinical Pharmacology of Dobutamine Fund.

\$15,000.00 from Bertha Johnson Charitable Trust, Columbus, Ohio, for the Friends of WOSU.

\$10,000.00 from Iddings Benevolent Trust, Dayton, Ohio, for scholarships to deserving students.

\$7,922.10 from The Grand Chapter of Ohio Order of the Eastern Star, Danville, Ohio, for the Cancer Research Fund.

\$7,505.64 from Frederick H. Davidorf, M. D., Inc. (given in the name of Frederick H. Davidorf), Columbus, Ohio, for the Retina Research Fund.

\$7,342.00 from Richard H. Keates, M. D., Inc. (given in the name of Richard H. Keates, M. D.), Columbus, Ohio, for the Eye Bank Fund.

\$7,000.00 from Ohio Turfgrass Foundation, Columbus, Ohio, for the GCSAA Research Fund.

\$6,600.00 from Mr. Darold I. Greek, Columbus, Ohio, for the President's Club Special Fund, gift to be designated at a later date.

\$6,256.01 from D. J. and J. N. Knull Trust, Columbus, Ohio, for the Department of Entomology for systematic research and curatorial work in entomology.

\$5,500.00 from Robert W. Stevenson Fund of the Columbus Foundation, Columbus, Ohio, for a new fund, College of Education Opportunity Program of the Black Studies Department for disadvantaged students enrolled in the Community Extension Center.

\$5,460.00 from American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for their fellowship fund in pharmacy.

\$5,000.00 from an anonymous donor for a temporary endowment, the Richard H. Kellogg Honors Scholarship Fund.

\$5,000.00 from Ford Motor Company Fund, Dearborn, Michigan, for the Affirmative Action Program in Engineering.

\$5,000.00 from George F. Lonz Foundation, Middle Bass, Ohio, for support of the Department of Horticulture's program in enology and viticulture.

October 1, 1976 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 from Ohio Contractors Association, Columbus, Ohio, for their project to supplement salaries for faculty engaged in teaching courses involving construction engineering.

\$5,000.00 from Fritz Straumann Surgical Research Fund, Waldenburg, Switzerland, for the Veterinary Surgery Research-Hohn Fund.

Establishment of Named Fund

The Edward C. Haaf Scholarship Fund

The Edward C. Haaf Scholarship Fund was established October 1, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. and Mrs. Edward C. Haaf, Canal Winchester, 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 one or more scholarships for undergraduate students participating in varsity football. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the head football coach and 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 intercollegiate athletics.

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REPORT OF AWARD OF CONTRACTS

Resolution No. 77-40

Synopsis: Bids have been awarded for two projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures.

October 1, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows for each project:

EAST STADIUM IMPROVEMENTS--RESEARCH SPACE

Description: Completion of research laboratory improvements.

General Contract

Date Received:	September 14, 1976
No. of Bids:	7
Low Bid:	\$51,100.00*
High Bid:	\$75,742.00*
Estimate of Cost:	\$94,680.00*
Awarded to:	Edward Ross Construction Co. (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

Heating, Ventilating, and Air Conditioning Contract

Date Received:	September 14, 1976
No. of Bids:	5
Low Bid:	\$25,096.00*
High Bid:	\$34,400.00*
Estimate of Cost:	\$47,220.00*
Awarded to:	Kirk Williams Co., Inc. (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

October 1, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

EAST STADIUM IMPROVEMENTS--RESEARCH SPACE (contd)

Electrical Contract

Date Received:	September 14, 1976
No. of Bids:	6
Low Bid:	\$15,255.00*
High Bid:	\$23,404.00*
Estimate of Cost:	\$40,500.00*
Awarded to:	Blume & Co. (Columbus, Ohio)
Total Project Cost:	\$200,000.00
Funding:	H.B. 687 (Utilities and Renovation) and Budget Account 801317

* Recommended Alternates reflected in these figures.

BIOLOGICAL SCIENCES BUILDING--STRUCTURAL AND MASONRY REPAIRS

Description: Provides for repairs to Biological Sciences Building.

General Contract

Date Received:	September 2, 1976
No. of Bids:	4
Low Bid:	\$93,605.00
High Bid:	\$166,660.00
Estimate of Cost:	\$129,000.00
Awarded to:	Henry A. Justus, Inc. (Columbus, Ohio)
Total Project Cost:	\$114,449.00
Funding:	Budget Account 126070 (Contract Repair)

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

October 1, 1976 meeting, Board of Trustees

PURCHASE OF BUILDING AND PROPERTY

Resolution No. 77-41

Synopsis: Purchase of 348 West Eighth Avenue is proposed.

WHEREAS the need for parking space in the Medical Area has become increasingly severe due to expansion of facilities; and

WHEREAS the construction of the Eleventh Avenue Parking Ramp will not provide adequate facilities for the increased patient load in the hospital and clinic areas; and

WHEREAS the University has been provided an opportunity to purchase the following property: Lots 26 and 27, Elizabeth McMillens Homestead Addition, Parcel Number 21956, more commonly known as 348 West Eighth Avenue, Columbus, Franklin County, Ohio; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan; and

WHEREAS said property could be utilized to serve as additional parking for the crowded Medical Complex area:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase the said property in the name of the Board of Trustees of The Ohio State University from Roger D. Kennedy, Trustee, for the sum of Forty Thousand Five Hundred Dollars (\$40,500.00) from General University Funds.

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

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REPORT - FISCAL AFFAIRS COMMITTEE

Mr. Devenow made the following motion:

Mr. Chairman, the Fiscal Affairs Committee has reviewed the options provided in Mr. James W. Shocknessy's Will and it is our judgment that the University will realize the greatest benefits from the beneficence if we do not exercise the option to take ownership of his home but rather to accept the professorship and one-third of the residual estate. We have directed the University's administration to so inform the appropriate probate authorities of this decision.

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

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October 1, 1976 meeting, Board of Trustees

REPORT - ENROLLMENT

President Enarson reported on current enrollment figures for the start of the University's 104th academic year, but emphasized they were not official until the 14th day after registration.

Total current enrollment is almost identical to that of a year ago. He said that although the University is nearly "on target" with respect to head count, that doesn't indicate that the University will earn the full instructional subsidy. "Even a small dropoff in graduate enrollment can cost us a substantial sum," he said.

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REPORT - FINANCIAL CONDITION

President Enarson made the following statement:

As you have read in the press in recent days, there is serious talk at the Statehouse of an additional cut in current appropriations of all State agencies because of the critical financial problems facing the State of Ohio.

At the July Board meeting, I told you that state officials were reportedly considering further cuts in the state subsidy for 1976-77 in addition to continuation of the already imposed two per cent cut for this second year of the biennium. At the July meeting I pointed out that any additional cut above the already imposed two per cent reduction 'would force basic reconsideration of our budget . . . and might well force us to consider a tuition increase.'

In August, in response to a request from the Chairman of the House Finance Appropriations Committee of the Ohio General Assembly, I outlined the potential impact on The Ohio State University of further cuts in its state subsidy for the current year. A copy of my August letter to Chairman Myrl H. Shoemaker is in your folder and was distributed to the press by Mr. Shoemaker at that time.

Reports in the press indicate a cut in the order of 1.5 per cent. However, we do not know--and will not know until the Governor takes action--what the exact amount of the cut will be or the effective date of the cut. The problems outlined in my August 10 letter to Chairman Shoemaker are even more critical today for we have now completed one-quarter of the fiscal year.

In summary, until the question of possible additional cuts is clarified, there is no way I can be more specific on the troublesome question of a possible tuition increase. I am certain, however, as I reported to you in July and as I wrote Chairman Shoemaker in August, that another substantial cut in our subsidy will force me to recommend an increase in student fees, probably at your November meeting if a decision has been made by that time.

October 1, 1976 meeting, Board of Trustees

REPORT - FINANCIAL CONDITION (contd)

August 10, 1976

The Honorable Representative Myrl H. Shoemaker
Chairman, House Finance Appropriations Committee
The Ohio General Assembly
State House
Columbus, Ohio 43215

Dear Mr. Chairman:

Thank you for the opportunity to explain the impact on The Ohio State University of a further cut in its state subsidy--a four (4) percent cut for 1976-1977 rather than a continuation of the previously imposed two (2) percent cut through the second year of the current biennium.

First, and most important, we are only forty-three days from the opening of the 1976-1977 school year. Our program commitments have been made. Course offerings have been published and most students have planned their class programs. Student enrollments by level and program are known fairly well. Staffing needs have been assessed thoroughly. The residence halls will be filled to capacity. Thus our faculty and staff have in fact already begun the next academic year's programs. We are committed irreversibly at this late date.

Second, our budget for 1976-1977 was approved by the Board of Trustees on June 4, 1976. Contracts for services were issued to faculty and staff on July 1, 1976 and have been signed and returned. Budgetary allocations have been made to our colleges on all campuses to fund the programs already committed to our students. Program retrenchment at this late date would be expensive, chaotic and demoralizing to the entire University.

Third, we are faced with large increases in the so called "fixed" costs--those costs are essentially unalterable. Even with extensive efforts to conserve energy, our fuel costs keep rising. Telephone rates have just gone up substantially. Insurance costs likely will increase this Fall. We must protect matching commitments of Federal support and we cannot renege on promises to students for financial assistance in the form of scholarships and part-time employment.

In short, additional program retrenchment at this late date would be unfair to students and faculty alike and harmful to the financial stability of the University. It is a course of action I simply could not recommend to our Board of Trustees.

Should our subsidy be cut an additional two (2) percent--to a total of four instead of the expected cut of two percent--our only alternative would be to raise student charges to compensate for the additional loss of about \$2.2 million in instructional subsidy. As you know, student charges at Ohio's public universities are already high. We think it essential to hold the line. But with commitments to 8,700 new freshmen and to about 47,000 continuing students on our campuses, I am certain you will understand why there can be no turning back now on Ohio State's program and services for the school year starting next month.

October 1, 1976 meeting, Board of Trustees

REPORT - FINANCIAL CONDITION (contd)

The Honorable Representative Myrl H. Shoemaker
Page 2
August 10, 1976

Therefore, should OSU's state subsidy be cut an additional two percent, I would convene the OSU Board of Trustees in special session to recommend that student fees be increased immediately by 7 to 8 percent.

Obviously the University would not pretend to understand all of the financial problems which face the State of Ohio. Nor would we pretend to have a solution for the Medicaid situation. We do hope, however, that in whatever action is taken with respect to the Bill presently before you or any subsequent Bills which may be introduced, the General Assembly will have a sensitivity to the hardship that a further reduction in support for higher education would impose on students and faculty in our colleges and universities.

Thank you again, Mr. Chairman, for the opportunity to explain our position.

Sincerely yours,

Harold L. Enarson, President
The Ohio State University

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PROGRESS REPORT - CCECC

Mr. Thomas B. Smith narrated a slide presentation on the results achieved by the Central Campus Energy Computer Center on Campus.

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Thereupon the Board adjourned to meet Friday, November 5, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

M. Merle Harrod
Chairman

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

Columbus, Ohio, November 5, 1976

The Board of Trustees met at its regular monthly meeting on Friday, November 5, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: M. Merle Harrod, Chairman, John L. Gushman, Howard D. Sirak, Patricia D. James, John D. Jacob, and Donald J. Hilliker.

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Minutes of the last meeting were approved.

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November 5, 1976 meeting, Board of Trustees

MR. HARROD'S STATEMENT CONCERNING MR. DUNLAP'S HEALTH

Mr. Harrod made the following statement:

I know that I speak for all of the members of this Board and for the President and his staff when I express our deep sense of concern for the health and well-being of our friend and colleague, Jack Dunlap. As we all know, Mr. Dunlap has undergone surgery and is now in University Hospital.

Our prayers, and I am sure those of many others, are with Jack and his family. We wish him a speedy recovery.

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RESOLUTIONS IN MEMORIAM

Resolution No. 77-42

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

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 adopted the foregoing resolution by unanimous voice vote.

Kenneth R. Jefferis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 30, 1976, of Kenneth R. Jefferis, Associate Professor in the College of Dentistry.

Dr. Jefferis received his D.D.S. degree from Western Reserve in 1944. After his discharge from the U. S. Army in 1947 he joined the faculty at The Ohio State University College of Dentistry, and from 1954 to 1955 he was an Instructor in the School of Dentistry, at Indiana University in Indianapolis. In 1955 he returned to The Ohio State University College of Dentistry as a faculty member. Dr. Jefferis was in private practice from 1948 until 1971 when he became a full-time faculty member.

Dr. Jefferis was a member of the Columbus Dental Society, the Ohio Dental Society and the American Dental Association. He served on the Council of Aid to the Aged and was a representative of the Metropolitan Health Council. He was also a member of Omicron Kappa Upsilon, a dental honor society, and he served his community in various civic 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 an expression of the Board's heartfelt sympathy.

November 5, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

David F. Miller

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 23, 1976, in Columbus, Ohio, of David F. Miller, Professor Emeritus in the Department of Zoology.

Dr. Miller was born October 25, 1892, at Greenfield, Ohio. Following completion of his elementary and public school education in Springfield, Ohio, Dr. Miller attended Denison University in 1913, then Wittenberg University from 1914 to 1917, where he was awarded the B.A. degree. During his undergraduate education at Wittenberg University, he served as an Assistant in Zoology Laboratory and was an Instructor in Botany and Zoology during the summer of 1917. During the years 1919-1922, Dr. Miller served as Professor of Biology at Kingfisher College, Kingfisher, Oklahoma. He began his career at The Ohio State University in 1923 as an Instructor and completed his M.A. degree in the Department of Zoology and Entomology in 1924 and his Ph.D. from the same Department in 1928. Dr. Miller was promoted to Assistant Professor in 1929, to Associate Professor in 1934 and to Professor in 1942. He served as Chairman, Department of Zoology and Entomology from 1947 to 1961, and retired as Professor Emeritus in 1963. Dr. Miller was honored by his alma mater, Wittenberg University, in 1952 when he was bestowed with the degree Doctor of Science (Honorary).

Professor Miller had a long record of distinguished service to the University. His major concern was the maintenance of excellence in teaching, but he also encouraged and participated in research activities. His early publications in 1925 were related to physical factors and invertebrate behavior, but even before he became an administrator, in 1929 he published a paper dealing with teaching methods in biology, and in 1932 a paper reporting on the special treatment of superior students in zoology. In 1942, Dr. Miller co-authored a publication by the Union of American Biological Societies entitled, *The Teaching of Biology in Secondary Schools of the United States*. He became widely known for his paper in 1948 describing the male frog as a new test animal to determine pregnancy in humans. His interest in the teaching of biology led to the publication of a textbook for secondary schools entitled, *Biology for You* in 1946. He subsequently co-authored a widely recognized college textbook with Dr. James G. Haub, *General Zoology*. This text served as a standard for many years and was widely adopted by colleges and universities across the country. This was followed by an advanced general biology textbook in 1965 titled, *Science of Biology*.

Dr. Miller had a close and warm working relationship with faculty and students alike. His mannerisms and fine wit made him easily approachable and friendly. He had a wide knowledge of biology and deep concern about the future and welfare of mankind. He prepared a very perceptive and thoughtful paper in 1960 entitled, "What Effect Has Population Growth on People." He described typical population growth curves for various organisms and traced the history of human population growth related to the development of culture. His deep concern about the quality of human life led him to ask, "If it were possible to produce enough food and shelter to keep a world population of 15 billion in reasonably good health - why should we?" Dr. Miller was a scholar, a philosopher, an accomplished artist, a sometime poet, a teacher, an observer of the human episode, and a true gentleman.

November 5, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

David F. Miller (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.

William Neely Taylor

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 9, 1976, of William Neely (Jack) Taylor, Professor Emeritus in the Department of Surgery.

Dr. Taylor was born January 30, 1890, in Coshocton, Ohio. He excelled in scholastics and also became proficient as a baseball player. He worked his way through college by playing in a semi-pro league, which, of course, made him ineligible for collegiate competition. He graduated from The Ohio State University Medical College (M.D.) in 1915, and served two years in the armed forces as a medical officer during World War I in army centers in Brooklyn and Jacksonville.

Dr. Taylor returned to his alma mater in 1918 as a faculty member. He organized and ran the first free clinic in Columbus for male genital diseases. In 1921, he instituted and became chief of the first Urology Service at St. Francis and later at University Hospitals, where he served until 1960, when he reached the mandatory retirement age of 70. However, he continued to practice urology several more years, for a total active medical career of over 50 years.

Dr. Taylor trained many urology residents who carry on his legacy, four of whom are currently practicing in Columbus. He carried out his surgical practice in the former St. Francis and White Cross Hospitals and in the University Hospital. He pioneered in performing and teaching transurethral electroresection surgery. His publications include interesting reports on surgery for urethral diverticula (including a method of performing female urethrograms), carcinoma of the ureter and renal pelvis, vesico-vaginal fistula, prostatic hypertrophy, genitourinary anomalies, carcinoma of the adrenal cortex and lithotomy.

Dr. Taylor was certified by the American Board of Urology in 1936. He belonged to numerous medical organizations including the American Medical Association, the American College of Surgeons, the American Urological Association, the Ohio State Medical Association, the Columbus and Franklin County Academy of Medicine, the Medical Review Club of Columbus and served as President of the North Central Section of the American Urological Association in 1932.

Dr. Taylor received both the Honored Alumnus Award from The Ohio State University and the 50 Year Practice Award from the Ohio State Medical Association in 1965.

November 5, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William Neely Taylor (contd)

Dr. Taylor was a colorful man. His colleagues remember him performing transurethral surgery standing in his hip boots and greeting them with a side arm motion of throwing a baseball. His former residents always greeted him and spoke of him as the "Chief." The "Chief" truly lived a long, distinguished and dedicated life of service.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of sympathy and respect.

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RESOLUTION - 1976-77 BUDGET

Resolution No. 77-43

Synopsis: Resolution relating to 1976-77 Budget.

President Enarson called on Dr. Vandament to review the budget for 1976-1977.

Dr. Vandament then presented the revised budget figures incorporating a recent cutback in State funding and the reduction in the State subsidy due to the shortfall in enrollment.

Dr. Enarson concluded by presenting his recommendation to the Board of Trustees outlining his proposal as to how to accommodate the current budgetary situation.

WHEREAS the state appropriation to The Ohio State University for fiscal year 1976-77 has been reduced by three percent (3%), thereby imposing a serious burden on the University's current annual budget which, at this late date, has been largely committed for personnel contracts and escalating operational costs; and

WHEREAS the University is obliged to revise its current budget to accommodate the decrease in state subsidy as well as adjust to an enrollment shortfall; and

WHEREAS it is essential both to maintain the quality of existing academic and support programs while minimizing the cost to students;

NOW BE IT THEREFORE RESOLVED: That the instructional fee for full-time students at all levels shall be increased by ten dollars (\$10) per quarter and fees for part-time students increased proportionately, effective Winter Quarter, 1977; and

November 5, 1976 meeting, Board of Trustees

RESOLUTION - 1976-77 BUDGET (contd)

That the University administration is hereby directed to make reductions in continuing budgetary commitments which will total eight hundred thousand dollars (\$800,000) for the current fiscal year.

Mr. Rick Theis, President of the Undergraduate Student Government, then presented his views relating to the fee increase as proposed by the President. He requested that, if indeed an increase was needed, it be a surcharge rather than a permanent fee increase.

Mr. Gushman suggested that the increase be labeled a "surcharge" to allow for more time for study.

Mr. Hilliker expressed the belief that this \$10 fee increase is just a start--that an increase of \$10 would just get the University through the current academic year and that next year the University would again be faced with a need for additional funds to support its programs.

Dr. Jacob said that the increase should be larger than the \$10 proposed by President Enarson. He indicated if this increase were to be a surcharge he would favor a \$12 per quarter increase.

Mr. Gushman moved to amend the original resolution to label the increase a surcharge. This amendment was lost for want of a second.

Mr. Hilliker pointed out the cost of inflation and that this was having a significant effect on the cost of education and that the students would probably have to pay an even greater share of the cost next year.

Mrs. James suggested that the students should consider that the administration was sharing a portion of the deficit and was not asking that students bear the entire burden of the loss from the State subsidy.

Mr. Harrod stated that he thought that Mr. Hilliker and Dr. Jacob were right in suggesting that \$10 per quarter was not enough but that \$12 or \$14 per quarter would probably be more realistic in relation to the needs of the University.

Dr. Jacob then moved to amend the original resolution to call the increase a "surcharge" and that the increase be \$12 per quarter. This amendment also lost for want of a second.

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

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BUDGET SUMMARY (LAST QUARTER, 1976)

Resolution No. 77-44

Synopsis: The fourth quarter summary report of the current funds budget is presented for review.

November 5, 1976 meeting, Board of Trustees

BUDGET SUMMARY (LAST QUARTER, 1976) (contd)

WHEREAS the fourth quarter report of the current funds budget for the fiscal year ending June 30, 1976, is presented for review; and

WHEREAS it is noted that the actual budget/expenditures and income statements do not represent significant changes from those presented for the third quarter; i.e., the income varies from the third quarter estimate by 0.5% and the budget expenditure figures by 0.4% from the third quarter budget; and

WHEREAS for the Columbus campus the variations were 0.5% and 0.2% for income and budget expenditures, respectively; and

WHEREAS the difference between budget/expenditure and income totals, due primarily to normal cash flow fluctuations in our earnings operations, was less than 0.2%:

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter for the fiscal year ending June 30, 1976, be accepted.

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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DEGREES AND CERTIFICATES--AUTUMN QUARTER COMMENCEMENT

Resolution No. 77-45

Synopsis: Approval is being requested for awarding degrees and certificates for the December Commencement.

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees of The Ohio State University*, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit to the University Senate names of persons who have completed degree and certificate requirements, in accordance with Rule 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

NOW THEREFORE

THE OHIO STATE UNIVERSITY
Actual Expenditure/Budgets
1975-1976

	Actual 1975-76
Columbus Campus	
Instruction and General	
Departmental Instruction and Research	\$118,218,700
Libraries	6,571,000
Other Academic Support	2,361,600
Student Services	5,991,800
Plant Operation	18,929,100
Institutional Support	13,283,100
Total Instruction and General	\$165,355,300
Sponsored Research	
Research Foundation	\$ 17,768,300
Engineering Experiment Station	2,210,500
Research Administration	1,712,700
University Sponsored Research	1,791,100
Other Grants and Contracts	2,033,200
Total Sponsored Research	\$ 25,515,800
Public Service	
University Hospitals	\$ 68,129,700
Cooperative Extension Service	15,701,200
Other Grants and Contracts	13,423,800
University Sponsored Programs	2,411,400
Conferences	1,556,700
Total Public Service	\$101,222,800
Scholarships and Fellowships	\$ 4,987,600

THE OHIO STATE UNIVERSITY (contd)
 Actual Expenditure/Budgets (contd)
 1975-76 (contd)

Columbus Campus (contd)

Auxiliaries

Student Housing	\$ 17,036,600
Intercollegiate Athletics	6,847,600
University Bookstores	3,905,800
Facilities Services	2,124,100
Student Unions	2,045,800
Parking Facilities	1,503,500
Student Health Service	1,975,500
University Airport	1,361,100
Fawcett Center for Tomorrow	1,164,200
Other	761,700

Total Auxiliaries \$ 38,725,900

Total Columbus Campus \$335,807,400

Regional Campuses

Administration	\$ 130,200
Lima Campus	1,953,100
Mansfield Campus	1,990,500
Marion Campus	1,242,500
Newark Campus	1,619,500
Agricultural Technical Institute	1,508,400
Wright Patterson Graduate Center	216,500

Total Regional Campuses \$ 8,660,700

Total - Current Expenditures \$344,468,100

Capital Expenditures \$ 653,400

Grand Total Expenditures/Budgets \$345,121,500

THE OHIO STATE UNIVERSITY
Actual Income in Support of
Expenditures/Budgets
1975-76

	Actual 1975-76
Columbus Campus	
Government Appropriations	
State of Ohio	\$110,505,300
Federal	44,809,100
Subtotal	\$155,314,400
Student Fees	
Instructional and General	\$ 48,245,700
Room and Board	13,805,300
Other	1,854,100
Subtotal	\$ 63,905,100
Other Income	
Auxiliary Sales and Charges	\$ 86,114,700
Departmental Earnings and University Services	14,841,100
Endowment Income	2,809,300
Gifts and Grants	11,955,400
Temporary Investments	2,015,400
Subtotal	\$117,735,900
Total Columbus Campus	\$336,955,400
Regional Campuses	
Lima Campus	\$ 2,050,600
Mansfield Campus	2,139,700
Marion Campus	1,137,000
Newark Campus	1,733,800
Agricultural Technical Institute	1,581,600
Wright Patterson Graduate Center	198,700
Total Regional Campuses	\$ 8,841,400
Grand Total	\$345,796,800

November 5, 1976 meeting, Board of Trustees

DEGREES AND CERTIFICATES--AUTUMN QUARTER COMMENCEMENT (contd)

BE IT RESOLVED, That the degrees and certificates be conferred on December 9, 1976, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

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

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HOLIDAY - ALTERNATIVE DAY FOR FRIDAY FOLLOWING THANKSGIVING

Resolution No. 77-46

Synopsis: Alternative holiday for Friday following Thanksgiving proposed.

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

WHEREAS upon the recommendation of the Vice President for Personnel Services and with the concurrence of the President's Staff, it is recommended that Friday, November 26, 1976, be substituted for Monday, February 21, 1977, so that the University offices may be closed the day following the observance of Thanksgiving on November 25, 1976; and

WHEREAS in subsequent years it is recommended that the Friday following Thanksgiving be substituted for the second Monday in October (Columbus Day) and that the Friday following Thanksgiving be designated as the official holiday of the University:

NOW THEREFORE

BE IT RESOLVED, That the alternative day of Friday, November 26, 1976, be exchanged for Monday, February 21, 1977, for the current academic year, and that after this academic year the Friday following Thanksgiving be substituted for the second Monday in October (Columbus Day).

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

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November 5, 1976 meeting, Board of Trustees

HONORARY DEGREE

Resolution No. 77-47

Synopsis: Approval is requested for awarding honorary degree.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 29.2727, have approved for recommendation to the Board of Trustees awarding of the honorary degree as listed below:

Robben W. Fleming

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with this recommendation at the Autumn Quarter Commencement, 1976.

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

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PERSONNEL ACTIONS

Resolution No. 77-48

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Leaves of Absence Without Salary, and Emeritus Title are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the October 1, 1976 meeting of the Board, including the following Appointment, Leaves of Absence Without Salary, and Emeritus Title as detailed in the University Budget for 1976-1977, be approved.

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

Appointment

Name:	DONALD D. GLOWER, SR.
Title:	Dean
College:	Engineering
Effective:	Immediately
Salary:	\$43,968.00
Present Position:	Acting Dean, College of Engineering

November 5, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

RODGER D. MITCHELL, Professor, Department of Zoology, effective October 1, 1976 through March 31, 1977, to accept a Fulbright Award at the Agricultural University of Hebbal in India.

IVAN C. RUTLEDGE, Professor, College of Law Administration, effective April 1, 1977 through June 30, 1977, to accept a Visiting Professorship at Mercer University Law School.

JAMES P. McNAUL, Associate Professor, Department of Management Sciences, effective October 1, 1976 through September 30, 1977, for extension of Visiting Professorship at Stanford University.

JOHN C. WEICHER, Associate Professor, Department of Economics, effective October 1, 1976 through December 31, 1976, for an additional quarter to be Deputy Assistant Secretary for Economic Affairs at HUD.

RICHARD EARL DYCK, Assistant Professor, Department of Sociology, effective October 1, 1976 through September 30, 1977, to direct Ohio Trade Office in Tokyo, Japan.

MICHAEL L. LICHSTEIN, Assistant Professor, Department of Economics, effective October 1, 1976 through March 31, 1977, for personal reasons.

CONSUELO LOPEZ-MORILLAS, Assistant Professor, Department of Romance Languages and Literatures, effective January 1, 1977 through September 30, 1977, to accept a fellowship awarded by the American Council of Learned Societies.

LEWIS A. LINDNER, Assistant Professor, Department of Psychiatry, effective October 19, 1976 through January 9, 1977, for extension to work on a project for the State of Ohio, Department of Mental Health and Mental Retardation.

JANET D. SMITH, Assistant Professor, Academic Faculty of Early and Middle Childhood Education, effective October 1, 1976 through September 30, 1977, for personal reasons.

MARILYN R. WALDMAN, Assistant Professor, Department of History, effective October 1, 1976 through December 31, 1976, to accept a grant from the Joint Committee on the Near and Middle East of the American Council of Learned Societies and Social Science Research Council.

November 5, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

ALMA M. SADDAM, Instructor, Department of Human Nutrition and Food Management, effective October 18, 1976 through December 31, 1976, to engage in a program of professional self-improvement at The Ohio State University.

Emeritus Title

RICHARD B. HULL, Department of Communication, with the title Professor Emeritus, effective July 1, 1976.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-49

Synopsis: The report on contracts, grants, and gifts and the summary for September is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of September 1976, be approved.

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

November 5, 1976 meeting, Board of Trustees

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

SUMMARY FOR SEPTEMBER 1976

Source	No. of Projects	Support Level
Office of Business and Administration	34	\$3,933,950.99
The Ohio State University Research Foundation	88	3,786,492.00
The Engineering Experiment Station	1	500.00
		\$7,720,942.99
The Ohio State University Development Fund	3,335 Donors	832,663.48

Establishment of Named Funds:

The Cynthia Ann Spafford Scholarship Fund (School of Home Economics)	15,000.00
The Mary Goldia Spafford Scholarship Fund (School of Home Economics, College of Education, College of Social Work)	15,000.00
The Robert G. Spafford Fund (College of Medicine)	11,462.08
Edward Orton, Jr., Ceramic Engineering Library Fund (Department of Ceramic Engineering)	5,000.00
The Richard Piergallini Memorial Fund (School of Journalism)	2,500.00

November 5, 1976 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsors	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Student Programs	30	\$ 9,046,329.00	24	\$ 6,288,106.00	(31)
Training Grants	137	10,400,308.62	132	7,860,843.53	(24)
Total - Federal	167	\$19,446,637.62	156	\$14,148,949.53	(27)
State of Ohio	46	3,709,705.32	45	3,126,211.18	(16)
Industrial and Other	58	2,120,818.46	86	2,691,392.68	27
Totals	271	\$25,277,161.40	287	\$19,966,553.39	(21)

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

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration	12	\$ 616,976.00	12	\$ 994,178.00	61
National Aeronautics and Space Administration	14	388,545.31	18	662,010.00	70
National Science Foundation	77	2,497,415.00	89	3,357,560.00	34
Department of Defense	73	2,694,442.00	89	3,025,535.00	12
Health, Education, and Welfare	148	10,210,903.00	150	11,058,415.00	8
Other Federal	73	4,151,880.50	42	3,503,596.00	(16)
Total - Federal	397	\$20,560,161.81	400	\$22,601,294.00	10
State of Ohio	15	\$ 501,140.00	17	\$ 210,109.30	(58)
Industrial, Private, and Other Non-Federal Sponsors	126	\$ 2,796,989.67	128	\$ 2,604,619.75	(7)
Totals	538	\$23,858,291.48	545	\$25,416,023.05	7

November 5, 1976 meeting, Board of Trustees

November 5, 1976 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	21	\$ 258,637.00	14	\$ 130,825.00	(49)
State	24	475,979.00	16	522,081.00	10
Industrial and Other	387	901,138.00	394	892,451.00	(1)
Totals	432	\$1,635,754.00	424	\$1,545,357.00	(6)

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

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	1975-1976		1976-1977		% Change from 1975-76
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	29,169	\$ 718,948.24	36,252	\$ 849,566.30	18
Major Resources Group					
Deferred Gifts	35	709,025.96	46	2,010,800.97	184
Major Individual Gifts	689	1,537,175.49	876	1,613,997.29	5
Corporate Gifts	623	1,272,460.73	859	2,113,264.97	66
Foundation and Non-Profit Organization Gifts	611	2,731,896.15	643	1,679,034.71	(39)
Totals	1,958	\$6,250,558.33	2,424	\$7,417,097.94	19

November 5, 1976 meeting, Board of Trustees

November 5, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$2,686,670.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Basic Educational Opportunity Grant Program, Student Financial Aids, July 1, 1976 through June 30, 1977. (Document No. P007702392)

\$271,403.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D.C., Operation of an ERIC Clearinghouse in Career Education, Center for Vocational Education, September 14, 1976 through September 13, 1977. (Contract No. 400-76-0122)

\$87,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Identification and Analysis of Competency Based Adult Vocational Education Programs, Center for Vocational Education, September 30, 1976 through September 30, 1977. (Grant No. G007605788)

\$85,000.00 - Department of Health, Education, and Welfare, Region V, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, Technical Assistance to State D. D. Councils in Region V, Nisonger Center for Mental Retardation, September 30, 1976 through September 29, 1977.

\$64,768.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Occupational and Adult Education Branch, Washington, D. C., A State Management Informational Needs and a National Needs Assessment for Career Guide, Center for Vocational Education, September 30, 1976 through April 30, 1977. (Contract/Order No. 300750363, Modification No. 3)

\$33,744.00 - Department of Health, Education, and Welfare, Region V, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation, June 30, 1976 through June 29, 1977. (Grant No. 59-P-25294/5-05)

\$23,379.87 - U. S. Energy Research and Development Administration, Office of Conservation, Division of Building and Community Systems, Washington, D. C., for planning development, implementation, and evaluation of programs designed to improve energy efficiencies in the building sector, Department of Mechanical Engineering, October 1, 1976 through September 30, 1977.

\$22,878.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Public Service Fellowship Program, School of Public Administration, September 15, 1976 through June 14, 1977. (Grant No. G007605032)

November 5, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$15,010.00 - U. S. Fish and Wildlife Service, Department of the Interior, Division of Contracting and General Services, Washington, D. C., Bioenergetics of Large Winter Roosting Population of Blackbirds and Starlings, Department of Zoology, July 1, 1976 through October 31, 1978. (Contract No. 14-16-0008-2112)

\$6,000.00 - United States Air Force, 2750th Air Base Wing/PMA, Wright Patterson Air Force Base, Ohio, educational services for students entered in the AFLC Cooperative Education Program, Newark Campus, effective September 1, 1976. (Agreement No. F33600-76-A-0821)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Grants Management Officer, Contracts and Grants Branch, National Eye Institute, Bethesda, Maryland, Physiological Optics - Institution Allowance, College of Optometry, September 1, 1975 through August 31, 1976. (Fellowship No. 1 F32 EY05107-01)

\$2,500.00 - National Aeronautics and Space Administration, Washington, D. C., support of specialized Post-M.D. Training in Aerospace Medicine - Training Grant, Department of Preventive Medicine, September 1, 1976 through August 31, 1977. (NGT 36-008-007, Supplement No. 6)

\$915.00 - International Labor Office, Washington, D. C., ILO Fellow Intern, Center for Vocational Education, December 28, 1975 through March 12, 1976. (No. 3287)

TOTAL - FEDERAL CONTRACTS/GRANTS **\$3,302,267.87**

State of Ohio Contracts/Grants

\$150,000.00 - State of Ohio, Division of Mental Retardation and Developmental Disabilities, Planning and Advisory Council, Columbus, Ohio, Central Staff and Community Education Projects, Nisonger Center for Mental Retardation, October 1, 1976 through September 30, 1977. (No. DFI 77-108)

\$75,000.00 - State of Ohio, Division of Mental Retardation and Developmental Disabilities, Planning and Advisory Council, Columbus, Ohio, Developmental Disabilities Legal Training and Technical Assistance System, College of Law, October 1, 1976 through September 30, 1977. (No. DFI 77-106)

\$21,596.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Evaluation Assistance to the Ohio State Department of Economic and Community Development, Center for Vocational Education, effective August 1, 1976.

November 5, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$5,100.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, An Analysis of Public Use of State Wildlife Areas in Ohio, Department of Zoology, July 1, 1976 through June 30, 1977. (Project W-126-R-3)

\$5,000.00 - State of Ohio, Commission on Aging, Columbus, Ohio, Plan, Coordinate, Develop, and Administer a Statewide Conference on Growing Old in Rural Ohio, Division of Continuing Education, Office of Educational Services, October 1, 1976 through June 30, 1977.

\$3,700.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Survey of Rural Landowner Attitudes Towards Wildlife Management, Department of Zoology, July 1, 1976 through June 30, 1977. (Project W-126-R-3)

\$798.12 - State of Ohio, Ohio Real Estate Commission, Division of Real Estate, Columbus, Ohio, printing of instructor's manuals, "Real Estate Appraisal" and "Real Estate Finance," Academic Faculty of Finance.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$261,194.12

Industrial and Other Contracts/Grants

\$130,717.00 - Gallaudet College, Washington, D. C., Completion of the Career Planning System for the Model Secondary School for the Deaf, Center for Vocational Education, September 1, 1975 through June 30, 1977. (Contract No. 76209)

\$52,755.00 - The Danforth Foundation, St. Louis, Missouri, support of the extension of the Network of Citizens' Task Forces on Education, Academic Faculty of Educational Administration, October 1, 1976 through June 30, 1977.

\$43,606.00 - Gallaudet College, Washington, D. C., A Proposal for the Kendall Demonstration Elementary School Career Education Project, Center for Vocational Education, October 1, 1976 through September 30, 1977.

\$32,515.00 - Northern Michigan University, Marquette, Michigan, Cooperative Rural Career Guidance System, Center for Vocational Education, September 1, 1976 through February 28, 1978.

\$32,292.00 - State of Michigan, Department of Education, Lansing, Michigan, Prepare in-service training packet designed for teachers, paraprofessionals, and parents of deaf-blind children, Academic Faculty for Exceptional Children, College of Education, July 1, 1976 through June 30, 1977.

November 5, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial and Other Contracts/Grants (contd)

\$28,000.00 - Charleston County Schools, Charleston, South Carolina, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, Center for Vocational Education, July 1, 1976 through June 30, 1977. (Contract No. CVE/ACE-139-CCS-76)

\$24,100.00 - Madison Public Schools, Madison, Wisconsin, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, Center for Vocational Education, July 1, 1976 through June 30, 1977. (Contract No. CVE/ACE-140-MPS-76)

\$8,950.00 - Ohio Education Association, Columbus, Ohio, for three workshops, College of Education and Faculty for Exceptional Children, January 1, 1977 through July 15, 1977.

\$5,751.00 - State Fair Community College and Area Vocational School, Sedalia, Missouri, for a psychometric evaluation of three business and office education tests for State Fair Community College, Center for Vocational Education, October 1, 1976 through June 30, 1977.

\$3,900.00 - Madison Public Schools, Madison, Wisconsin, materials related to Alliance for Career Education, Center for Vocational Education, effective June 1, 1976.

\$3,750.00 - World Health Organization, Geneva, Switzerland, WHO Collaborating Center on Biological Control of Vectors of Human Disease, Department of Entomology, for the year 1976.

\$2,556.00 - University of Maine at Orono, College of Education, Orono, Maine, Comprehensive Career Education Project, Center for Vocational Education, September 1, 1976 through June 30, 1977.

\$1,250.00 - World Health Organization, Geneva, Switzerland, Computerization of records and accessions of biological control agents of arthropods, Department of Entomology, for the year 1976.

\$347.00 - University of Minnesota, Minneapolis, Minnesota, for consultant and minimal supporting service and materials to assist in-service activities for the Minnesota Vocational Teacher Educators, Center for Vocational Education, May 13-14, 1976.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$370,489.00**

November 5, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,145,981.00 - U. S. Office of Education, Department of Health, Education and Welfare, Bureau of Education for the Handicapped, School Systems and Handicapped Education Bureau, Washington, D. C., Continuation Proposal for the National Center on Educational Media and Materials for the Handicapped, Academic Faculty for Exceptional Children, 1 September 1976 through 31 August 1977. (Project 4516-Series - Modification No. 8)

\$145,000.00 - Energy Research and Development Administration, Argonne, Illinois, High Energy Physics Studies, Department of Physics, 1 October 1965 through 31 January 1977. (Project 2116 and 2116-A - Modification No. 17)

\$120,000.00 - Energy Research and Development Administration, Argonne, Illinois, Construction Delays on Nuclear Power Projects, Department of Civil Engineering, 15 September 1976 through 14 December 1977. (Project 4570-A1 - New)

\$97,000.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, Department of Electrical Engineering, ElectroScience Laboratory, 1 August 1976 through 31 July 1977. (Project 4508-A1 - New)

\$96,867.00 - Environmental Protection Agency, Washington, D. C., Assessment Impacts of Energy Conversion on the Environment of the Ohio River Basin, Department of Civil Engineering, 15 July 1976 through 14 July 1977. (Project 4512-Series - New)

\$90,000.00 - National Science Foundation, Washington, D. C., Passive Films on Metals, Department of Metallurgical Engineering, 1 September 1976 through 31 August 1978. (Project 4559-A1 - New)

\$90,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Analysis of the Electrically Thin, Dielectric Loaded, Cavity-Backed Radiator, Department of Electrical Engineering, ElectroScience Laboratory, 24 September 1976 through 23 September 1979. (Project 4569-A1 - New)

\$81,284.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Transonic Wind Tunnel Experiments on Oscillating Airfoils, Department of Aeronautical and Astronautical Engineering, 15 April 1976 through 30 September 1977. (Project 4406-A1 - Modification No. AFOSR-76-3021A)

\$80,144.00 - U. S. Office of Education, Department of Health, Education, and Welfare, Bureau of Education for Handicapped, Washington, D. C., Adaptive Behavior - Children's Scale Development, Nisonger Center for Mental Retardation, 16 August 1976 through 15 August 1977. (Project 4557-A1 - New)

\$79,492.00 - U. S. Office of Education, Department of Health, Education, and Welfare, Bureau of Education for Handicapped, Washington, D. C., The Columbus Area Reading Academy, College of Social Work, 1 September 1976 through 31 August 1977. (Project 4523-A1 - New)

November 5, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$76,679.00 - 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, 30 September 1976 through 31 August 1977. (Project 4576-A1 - New)

\$75,000.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, College of Biological Sciences, Center for Lake Erie Area Research. (Project 4440-A1 - Amendment No. 1)

\$71,100.00 - National Science Foundation, Washington, D. C., Synthesis and Rearrangement Reactions of Novel Alicyclic Hydrocarbons, Department of Chemistry, 1 September 1976 through 31 August 1977. (Project 4519-A1 - New)

\$70,500.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics, 1 October 1975 through 30 September 1977. (Project 4315-A1 - NSF Letter dated 3 September 1976)

\$66,300.00 - National Science Foundation, Washington, D. C., Development of Information Measures and their Application to a General Theory of Information Flow and Analysis, Department of Computer and Information Science, 1 September 1976 through 31 August 1978. (Project 4563-A1 - New)

\$64,422.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Serous Otitis Media: Immunochemical and Electron Microscopic Investigation, Department of Otolaryngology, 1 September 1976 through 31 August 1977. (Project 2949-F - Extension No. 6)

\$61,800.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology, 1 September 1976 through 31 August 1977. (Project 4522-A1 - New)

\$61,292.00 - Department of Transportation, U. S. Coast Guard, Washington, D. C., Study to Develop and Improve Enlisted Personnel Performance Evaluation System, Department of Psychology, 30 September 1976 through 26 September 1977. (Project 4577-A1 - New)

\$53,368.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Structural Investigation of Glycosaminoglycans, Department of Chemistry, 1 September 1976 through 31 August 1977. (Project 2516-H - Extension No. 8)

\$53,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Laboratory Infrared Research Relevant to Atmospheric and Planetary Studies, Department of Physics, 1 October 1976 through 30 September 1977. (Project 4566-A1 - New)

November 5, 1976 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., Galactose-I-P Uridyly-transferase, Department of Chemistry, 1 September 1976 through 31 August 1978. (Project 4525-A1 - New)

\$46,975.00 - Department of the Air Force, Rome Air Development Center, Air Force Systems Command, Griffiss Air Force Base, New York, A Proposed Classification System to Augment SDI Profiles for the CIRC II System, Department of Computer and Information Science. (Project 4342-A1 - Modification No. P00001)

\$43,000.00 - National Science Foundation, Washington, D. C., Differentiation in Ambystoma, Department of Zoology, 15 August 1976 through 31 August 1978. (Project 4520-A1 - New)

\$40,000.00 - National Oceanic and Atmospheric Administration, Rockville, Maryland, Spectroscopic Measurements of Ozone, Water Vapor and Other Atmospheric Gases, Department of Physics, 1 April 1974 through 30 September 1977. (Project 3910-A1 - Modification No. 5)

\$37,582.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine, 1 November 1975 through 31 January 1977. (Project 3982-A2 - Supplement No. 1)

\$36,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Data Secure Systems, Department of Computer and Information Science, 1 March 1975 through 31 May 1978. (Project 4115-A1 - Modification No. P00002)

\$34,459.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Identification of Finite State Models of a Human Operator, Department of Industrial and Systems Engineering, 1 October 1976 through 30 September 1977. (Project 4556-A1 - New)

\$30,560.00 - Law Enforcement Assistance Administration, Washington, D. C., Contract Management Training for Regional Office and State Planning Agency Personnel, Division of Continuing Education, Office of Educational Services, 1 October 1976 through 15 April 1977. (Project 4571-A1 - New)

\$30,000.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Office of Child Health and Human Development, Washington, D. C., Structure and Performance of Programs of Child Abuse and Neglect, Mershon Center for Education in National Security, 1 July 1976 through 30 June 1977. (Project 3969-A3 - Extension No. 2)

November 5, 1976 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 Army, U. S. Army Mobility Equipment Research and Development Command, Fort Belvoir, Virginia, Development of a Subterranean Radar for Tunnel Location, Department of Electrical Engineering, ElectroScience Laboratory. (Project 4460-A1 - Modification No. P00001)

\$30,000.00 - National Science Foundation, Washington, D. C., Thermodynamics of Photosynthesis, Department of Biochemistry, 1 November 1976 through 31 October 1978. (Project 4568-A1 - New)

\$28,000.00 - National Science Foundation, Washington, D. C., Superfluid Dynamics, Department of Physics, 1 October 1975 through 30 September 1977. (Project 4314-A1 - NSF Letter dated 30 August 1976)

\$26,500.00 - Agency for International Development, Department of State, Washington, D. C., The State of the Art in Rural Financial Markets in Low Income Countries, Department of Agricultural Economics and Rural Sociology, 17 June 1976 through 31 December 1977. (Project 4502-A1 - New)

\$25,000.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Antenna Pattern Prediction, Department of Electrical Engineering, ElectroScience Laboratory, 1 October 1976 through 31 March 1977. (Project 4575-A1 - New)

\$24,505.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Study of the External Gravity Potential of the Earth and Geodetic Parameters Affected by Gravity, Department of Geodetic Science, 25 August 1975 through 30 September 1977. (Project 4214-A1 & B1 - Modification No. P00003)

\$20,482.00 - National Institute of Education, Department of Health, Education and Welfare, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, Environmental Education, Academic Faculty of Science and Mathematics Education, 1 January 1975 through 30 September 1977. (Project 4093-A1 - Amendment No. 3)

\$20,371.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Office of Medical Affairs, Cancer Research Center, 1 June 1976 through 30 June 1977. (Project 3976-S3 - Revised Award dated 22 September 1976)

\$20,000.00 - National Science Foundation, Washington, D. C., Halogenation Reactions of Group IB Atoms Using Molecular Beams and Spectroscopic Detection, Department of Chemistry, 1 September 1976 through 30 August 1977. (Project 4526-A1 - New)

November 5, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,980.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Pattern Analysis of an F-14 AFT Mounted Antenna, Department of Electrical Engineering, ElectroScience Laboratory, 22 September 1976 through 22 December 1976. (Project 4572-A1 - New)

\$19,722.00 - Energy Research and Development Administration, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems, Department of Zoology, 1 September 1976 through 31 August 1977. (Project 1794-K - Modification No. 8-1)

\$19,711.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, In Vivo and In Vitro Oxidations of Psychoactive Drugs, Department of Chemistry, 20 September 1976 through 31 August 1977. (Project 4573-A1 - New)

\$16,528.00 - U. S. Fish and Wildlife Service, Department of the Interior, Washington, D. C., The Physiological Mechanism of DDE-Induced Delayed Ovulation in Ringdoves, Department of Zoology, 27 September 1976 through 30 September 1977. (Project 4561-A1 - New)

\$16,400.00 - National Science Foundation, Washington, D. C., Isotopic and Geochemical Study of Sediment in the Black Sea, Department of Geology and Mineralogy, 1 July 1975 through 31 August 1977. (Project 4193-A1 - NSF Letter dated 23 August 1976)

\$12,000.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, To Analyze the Radiation from Apertures in Smooth, Perfectly-Conducting Curved Surfaces with Reactive Loading, Department of Electrical Engineering, ElectroScience Laboratory. (Project 4396-A1 - Modification No. P00002)

\$11,348.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis, Department of Physiological Chemistry, 1 September 1975 through 30 November 1976. (Project 2525-H - Supplement No. 1)

\$10,936.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Radar Identification of Naval Vessels, Department of Electrical Engineering, ElectroScience Laboratory, 15 September 1976 through 30 September 1977. (Project 4558-A1 - New)

\$10,000.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Continuation of the Investigation of the Multi-Frequency Radar Reflectivity of Radar Target Identification, Department of Electrical Engineering, ElectroScience Laboratory, 10 April 1972 through 30 September 1976. (Project 3424-A1 - Modification No. P00006)

November 5, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,737.00 - Department of Health, Education and Welfare, 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, 1 October 1975 through 30 November 1976. (Project 2962-F - Supplement No. 1)

\$8,120.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," and "Contract Administration," Division of Continuing Education, Office of Educational Services, 1 February 1976 through 30 September 1977. (Project 4378-A1 - Modification No. P00002)

\$3,000.00 - National Science Foundation, Washington, D. C., Symposium: The Changing World of Geodetic Science, Department of Geodetic Science, 1 September 1976 through 31 December 1976. (Project 4562-A1 - New)

\$1,100.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Aberant Gene Expression During Chemotherapy, Department of Physiological Chemistry, 1 October 1975 through 30 November 1976. (Project 3546-A4 - Supplement No. 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,411,245.00**

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

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Chemical Pharmacology Studies, Department of Pharmacology, 1 August 1976 through 31 July 1977. (Project 4521-A1 - New)

\$16,660.00 - Southwest Oncology Group, Kansas City, Kansas, Radiotherapy Participation in Southwest Oncology Group, Department of Radiology, 1 April 1976 through 31 December 1976. (Project 4560-A1 - New)

\$14,000.00 - Pierce Chemical Company, Rockford, Illinois, Immobilization of Enzymes, Department of Biochemistry, 1 September 1975 through 31 August 1977. (Project 4322-A1 - Agreement dated 21 October 1975)

\$13,168.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Investigation of Oil Persistence in Tundra and Its Impact on the Belowground Arctic Ecosystem, Institute of Polar Studies, 1 June 1975 through 31 May 1977. (Project 4204-A1 - Modification No. 1)

\$10,000.00 - The George Gund Foundation, Cleveland, Ohio, Educational Program Support of Ohio Quality of Work Project, Center for Human Resource Research, Department of Psychology, 1 July 1976 through 30 June 1977. (Project 4527-A1 - New)

November 5, 1976 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)

\$9,958.00 - Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response, Department of Medicine. (Project 3706-A1 - Letter dated 1 July 1976)

\$8,500.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Cardiac Apico-Aortic Bypass, Department of Surgery, 1 October 1976 through 30 September 1977. (Project 4555-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Calcific Mitral Stenosis, Department of Pathology, 1 October 1976 through 30 September 1977. (Project 4531-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Sodium Retention and Heart Failure in Addisonian Dogs, Department of Medicine, 1 October 1976 through 30 September 1977. (Project 4532-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Pharmacology of Coumarin Anticoagulants, Department of Pharmacology, 1 October 1976 through 30 September 1977. (Project 4536-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Calcium Metabolism in Blood Vessels in Hypertension, Department of Pharmacology, 1 October 1976 through 30 September 1977. (Project 4539-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Does Insulin Contribute to Vascular Disease in Diabetics, Department of Zoology, 1 October 1976 through 30 September 1977. (Project 4540-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effects of Beta Blockade: Myocardial Preservation in the Hypertrophied Heart, Department of Surgery, 1 October 1976 through 30 September 1977. (Project 4542-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Fluid Shear Effects Upon Vein Grafts Intimal Thickening, Department of Surgery, 1 October 1976 through 30 September 1977. (Project 4543-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Dosing Interval on Hepatic Extraction of Propranolol, College of Pharmacy, 1 October 1976 through 30 September 1977. (Project 4544-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Renin-Angiotensin System: A Comparative View, Department of Physiology, 1 October 1976 through 30 September 1977. (Project 4546-A1 - New)

November 5, 1976 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)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Normalization of Heart Rate in Advanced Congestive Cardiomyopathy, Department of Medicine, 1 October 1976 through 30 September 1977. (Project 4547-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mechanism of Action of Dichloroacetamides on Myocardial Inotropy, Department of Physiological Chemistry, 1 October 1976 through 30 September 1977. (Project 4548-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Vitamin E and Platelet Prostaglandins, Department of Physiological Chemistry, 1 October 1976 through 30 September 1977. (Project 4550-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Physiologic Distribution of Digoxin in Uremia, College of Pharmacy, 1 October 1976 through 30 September 1977. (Project 4552-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Topology and Conformation Changes in Respiratory Complexes of Heart Muscle, Department of Physiological Chemistry, 1 October 1976 through 30 September 1977. (Project 4554-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Hemoglobin Solution in Myocardial Infarction, Department of Surgery, 1 October 1976 through 30 September 1977. (Project 4530-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, FT-Infrared Probe of Oxygen Use in Heart Tissue, Department of Physiological Chemistry, 1 October 1976 through 30 September 1977. (Project 4528-A1 - New)

\$7,497.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Control of Cardiac Energy Metabolism, Department of Physiological Chemistry, 1 October 1976 through 30 September 1977. (Project 4529-A1 - New)

\$7,489.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cyclic Nucleotides and Initiation of Cardiac Hypertrophy, Department of Physiological Chemistry, 1 October 1976 through 30 September 1977. (Project 4545-A1 - New)

\$7,455.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Interaction Between the Heart and the Vascular System: A Circuit Approach, Department of Physiology, 1 October 1976 through 30 September 1977. (Project 4537-A1 - New)

November 5, 1976 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)

\$7,455.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, NMR Study of Molecular Interactions in Atheroma, College of Pharmacy, 1 October 1976 through 30 September 1977. (Project 4538-A1 - New)

\$7,444.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Isolation and Purification of Na⁺/K⁺ Exchanger from Heart Mitochondria, Department of Physiological Chemistry, 1 October 1976 through 30 September 1977. (Project 4553-A1 - New)

\$7,423.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Electrophysiologic Properties of Purkinje Fibers in Normal and Diseased Swine, Department of Veterinary Clinical Science, 1 October 1976 through 30 September 1977. (Project 4549-A1 - New)

\$6,825.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Energetics of Ca²⁺ Cycling During Muscle Contraction, Department of Physiology, 1 October 1976 through 30 September 1977. (Project 4551-A1 - New)

\$6,765.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Studies of the Genesis of Heart Murmurs, Department of Veterinary Clinical Science, 1 October 1976 through 30 September 1977. (Project 4533-A1 & B1 - New)

\$6,720.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prolongation of Heart Transplants Using Toxic Antigens, Department of Anatomy, 1 October 1976 through 30 September 1977. (Project 4541-A1 - New)

\$6,292.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Sensitivity of 24-hour Monitoring and Treadmills in Arrhythmias and Ischemic Changes, Department of Medicine, 1 October 1976 through 30 September 1977. (Project 4534-A1 - New)

\$5,791.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Characterization of Heart Muscle Antigens, Department of Medical Microbiology, 1 October 1976 through 30 September 1977. (Project 4567-A1 - New)

\$4,305.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Internal Mechanical Control of Heart Beat, Department of Physiology, 1 October 1976 through 30 September 1977. (Project 4535-A1 - New)

\$1,000.00 - Questek, Inc., Roslyn, New York, Prepare Copy of Data and Tapes Developed under RF 2479 and RF 2867, Department of Aviation, 1 September 1976 through 30 November 1976. (Project 4518-A1 - New)

November 5, 1976 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)

\$500.00 - Gallaudet College, Washington, D. C., Account for Funds Paid to the OSU Press for MSSD Course Guides, Academic Faculty for Exceptional Children, College of Education, 1 August 1976 through 31 August 1977. (Project 4513-A1 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS** **\$375,247.00**

THE ENGINEERING EXPERIMENT STATION

Industrial and Other Research Contract

\$500.00 - Dow Chemical Company, Midland, Michigan, Field Validation of Four Single Residential Housing Units for Energy Conservation Studies, Department of Mechanical Engineering, for month of August 1976. (EES 480, Extension No. 3).

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$49,900.00 - The Yassenoff Foundation, Inc., Columbus, Ohio--\$25,000.00 for the Leo Yassenoff Chair of Jewish Philosophy, \$15,000.00 for the University Activities Center, and \$9,900.00 for various projects at the University.

\$34,600.00 - Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for a named scholarship fund.

\$30,000.00 - Mansfield O.S.U. Campus Fund, Mansfield, Ohio--\$15,000.00 for their scholarship fund and \$15,000.00 for their support fund.

\$29,099.28 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$17,000.00 - First Federal Savings & Loan Association, Columbus, Ohio, for support of the television presentation of National Geographic Specials.

\$15,000.00 - Shell Companies Foundation, Houston, Texas--\$5,000.00 for the Department of Metallurgical Engineering, \$5,000.00 for the Management Science Faculty Support Fund and \$5,000.00 for the Department of Chemical Engineering.

\$15,000.00 - Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

November 5, 1976 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)

\$14,994.00 - Mr. and Mrs. Horatio B. Ebert, Medina, Ohio, for cancer research.

\$12,500.00 - Bezalel Foundation, Inc., New York, New York, for research on Parkinson's Disease.

\$12,500.00 - Ferdinand W. Breth Foundation, Inc., New York, New York, for research on Parkinson's Disease.

\$12,000.00 - Eastman Kodak Company, Rochester, New York--\$6,000.00 for a new fellowship fund in the Department of Chemical Engineering and \$6,000.00 for the Department of Industrial and Systems Engineering Processes Program.

\$11,000.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$10,500.00 - Merck & Company, Inc., Rahway, New Jersey, for infectious disease research.

\$10,000.00 - Dr. Sidney L. Pressey, Columbus, Ohio, for the University Honors Fund.

\$9,600.00 - A. H. Robins Company, Inc., Richmond, Virginia, for research in gastrointestinal cancer.

\$9,000.00 - Cast Metals Institute, Des Plaines, Illinois, for the Sonic Power Laboratory Development Fund.

\$8,900.00 - Dow Chemical, Midland, Michigan, for their named fund in Computer and Information Science.

\$8,000.00 - E. I. du Pont de Nemours & Company, Wilmington, Delaware, for the Affirmative Action Program in Engineering.

\$7,750.00 - Phi Beta Psi Sorority Grand Chapter, Bradenton, Florida, for Cancer Research Fund.

\$6,300.00 - American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for their fellowship fund.

\$6,186.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for a named scholarship fund.

\$6,167.00 - The Charles F. High Foundation, Bucyrus, Ohio, for their scholarship fund.

November 5, 1976 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

\$6,037.00 - Division of Cardiology, Columbus, Ohio, for the Department of Medicine General Fund.

\$6,000.00 - Amoco Foundation, Inc., Chicago, Illinois, for their fellowship fund in Chemical Engineering.

\$6,000.00 - The Lubrizol Foundation, Cleveland, Ohio--\$2,000.00 for fellowship fund in Chemistry, \$2,000.00 for fellowship fund for Chemical Engineering, \$1,000.00 for scholarship fund in Mechanical Engineering, \$500.00 for scholarship fund in Mathematics, and \$500.00 for scholarship fund for the Academic Faculty of Accounting.

\$5,928.67 - Ohio Farmers Insurance Company (given in the name of Westfield Companies), Westfield Center, Ohio, for the Ohio 4-H Foundation Support Fund.

\$5,914.00 - Beecham Laboratories, Bristol, Tennessee, for the Clinical Pharmacology Fund.

\$5,340.00 - Mrs. Samuel Melton, Columbus, Ohio, for a new project in the Department of Sociology, "Incidence of Violence in Television Programming."

\$5,279.32 - Frederick H. Davidorf, M.D., Inc., (given in the name of Frederick H. Davidorf), Columbus, Ohio, for the Retina Research Fund.

\$5,152.00 - Association of American Railroads, Chicago, Illinois, for a fellowship in Railroad Safety Research.

\$5,000.00 - Hoffman-LaRoche, Inc., Nutley, New Jersey, for Parkinson's Disease Research.

\$5,000.00 - International Business Machines Corporation, Armonk, New York, for the Affirmative Action Program in Engineering.

\$5,000.00 - Mrs. Margaret W. Kahliff, Elyria, Ohio, for a scholarship fund for students in the School of Natural Resources.

November 5, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Cynthia Ann Spafford Scholarship Fund

The Cynthia Ann Spafford Scholarship Fund was established November 5, 1976, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the late Miss Ivol Spafford, Ph.D. '35, of Rock Creek, Ohio, in memory of her mother, Cynthia Ann Spafford.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 the general field of home economics at the undergraduate level or in family relationships, home management or home economics education at the graduate level. The scholarship shall not be for less than \$900 per year. It shall be awarded to young women of junior, senior and graduate college standing whose personal characteristics, qualities of leadership and previous achievement place them in the upper one-fifth of their class. The same individual may receive the scholarship two years in succession, providing that the second year is utilized for graduate study. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Agriculture and Home Economics in cooperation with 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 home economics education.

The Mary Goldia Spafford Scholarship Fund

The Mary Goldia Spafford Scholarship Fund was established November 5, 1976, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the late Miss Ivol Spafford, Ph.D. '35, of Rock Creek, Ohio, in memory of her sister, Mary Goldia Spafford, B.Sc. '25.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 a field of study designed to improve life for little children; home economics, elementary education, or social welfare. The scholarship shall not be

November 5, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Mary Goldia Spafford Scholarship Fund (contd)

for less than \$900 per year. It shall be awarded to young women of junior, senior and graduate college standing whose personal characteristics, qualities of leadership and previous achievement place them in the upper one-fifth of their class. The same individual may receive the scholarship two years in succession, providing that the second year is utilized for graduate study. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

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 scholarships.

The Robert G. Spafford Fund

The Robert G. Spafford Fund was established November 5, 1976, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the late Miss Ivol Spafford, Ph.D. '35, of Rock Creek, Ohio, in memory of her nephew, Robert G. Spafford.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 by the College of Medicine for research and experimentation in the prevention or control of epilepsy or allied disorders. Recommendations for the use of the funds will be made by the Dean of the College of 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 medical education.

Edward Orton, Jr., Ceramic Engineering Library Fund

The Edward Orton, Jr., Ceramic Engineering Library Fund was established November 5, 1976, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Althea O. Orton, J-Edu-'32, in memory of her husband, Edward Orton, Jr., E.M. '84, Cer.Engr. '31, late of Columbus.

November 5, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Edward Orton, Jr., Ceramic Engineering 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.

The annual income is to be used to purchase books and related educational materials in the development of the Library of the Department of Ceramic Engineering.

Should the Department of Ceramic Engineering 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 the recommendations from the appropriate administrative official of the University who is then directly responsible for ceramic engineering education.

The Richard Piergallini Memorial Fund

The Richard Piergallini Memorial Fund was established November 5, 1976, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends and colleagues of Richard Piergallini (B.A. '75), 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.

The annual income is to be used to provide one or more scholarships for undergraduate students enrolled in the School of Journalism. These scholarships are to be awarded on the basis of the recipient's good reporting, good editing and good nature. The selection of the recipient is to be made by the School of Journalism 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 journalism education.

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November 5, 1976 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS

GALVIN HALL - LIMA CAMPUS

Resolution No. 77-50

Synopsis: Renovation of Rooms 334, 335, 339, and 339A in Galvin Hall, Lima Campus, will provide for a Biological Sciences suite.

WHEREAS the Galvin Hall facility on the Lima Campus does not at present provide adequate accommodations for Biological Sciences; and

WHEREAS this project is intended to renovate Rooms 334, 335, 339, and 339A, which will provide a Biological Sciences suite which will consist of a classroom laboratory for 40 students and a laboratory stores/service room:

NOW THEREFORE

BE IT RESOLVED, That the firm of Robert A. Helser of Lima, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and supervision of construction; 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 total project cost being projected to be \$100,000.00, with funds provided from H.B. 985, Item 315-083 (Lima Campus, Phase IV).

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

ADMINISTRATION BUILDING/DERBY HALL REMODELING

Resolution No. 77-51

Synopsis: Renovate space for use as classrooms, teaching and research laboratories in the Administration Building/Derby Hall.

WHEREAS the work in the Administration Building will renovate space for the Departments of Geography and Sociology within certain areas of the building recently vacated by units which have been relocated elsewhere on campus, and will provide teaching and research laboratories with support spaces, and offices with office-related spaces, including partition changes, improvements in lighting and ventilation, patching and painting; and

WHEREAS the work in Derby Hall will renovate the space vacated by divisions which have moved to new quarters as well as some renovation of reallocated space, provide classrooms, teaching and research laboratories with support spaces, and offices and office-related spaces

November 5, 1976 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)

ADMINISTRATION BUILDING/DERBY HALL REMODELING (contd)

for the Departments of Political Science and Communication and the Disaster Research Center, to bring the spaces up to current standards and include lighting and ventilation improvements:

NOW THEREFORE

BE IT RESOLVED, That the firm of Sounik, Eller, Martin of Columbus, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and supervision of construction; 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 project cost being projected to be \$125,000 for Administration Building Remodeling, and \$250,000 for Derby Hall Remodeling, with funds provided from H.B. 687 (Utilities and Renovation).

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

HAGERTY HALL/PAGE HALL REMODELING

Resolution No. 77-52

Synopsis: Renovate space in Hagerty Hall/Page Hall for use as classrooms, teaching and research laboratories and library areas.

WHEREAS the work in Hagerty Hall involves space vacated by the Departments of Geography and Sociology which will be relocated in the Administration Building; and

WHEREAS the renovated space will accommodate the Department of Economics and classroom space with the work involving relocation of partitions, related electric and ventilating work and patching and painting; and

WHEREAS the work in Page Hall will renovate space for the Commerce Library which includes a reading room, stack space, technical service office, and conference/study room with the renovation to include two classrooms and space for the College of Administrative Science's Academic Faculty of Labor and Human Resources, Office of Labor Education and Research Service, Center for Business and Economic Research, Word Center, Griffith Foundation and Real Estate Center; and

WHEREAS the remodeling will bring the spaces up to current standards and will include lighting and ventilation improvements:

November 5, 1976 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)

HAGERTY HALL/PAGE HALL REMODELING (contd)

NOW THEREFORE

BE IT RESOLVED, That the firm of Noverre Musson & Associates of Columbus, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and supervision of construction; 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 project cost being projected to be \$125,000 for Hagerty Hall Remodeling, and \$500,000 for Page Hall Remodeling, with funds provided from H.B. 687 (Utilities and Renovation).

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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PLANS AND SPECIFICATIONS

Resolution No. 77-53

Synopsis: Plans and specifications have been completed for the following ten projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

NEWARK CAMPUS, PHASE III, PHYSICAL EDUCATION BUILDING

Project:	New building Northeast of Founders Hall on the Newark Campus.
Funding:	H.B. 687, Item 315-102 (Newark Campus, Phase III)
Estimated Project Cost:	\$2,200,000.00

November 5, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HAYES HALL RENOVATION

Project: Complete renovation and modernization of a structurally sound, historically significant building on The Ohio State University Campus. Also included will be the installation of a new elevator for the handicapped.

Funding: (\$1,750,000.00), H.B. 687, Item 315-074 (Utilities and Renovation), and (\$89,578.00), Rehabilitation Services Commission Grant

Estimated Project Cost: \$1,839,578.00

IMPROVEMENTS PROJECTS FOR THE PHYSICALLY HANDICAPPED

Project: Installation of new elevators in Stillman Hall, Lazenby Hall, Page Hall, and Welding Engineering Laboratories and the addition of ramps for Arps Hall to assist physically handicapped persons.

Funding: Rehabilitation Services Commission Grant and Local Funds

Estimated Project Cost: \$385,000.00

ENERGY CONSERVATION--PHASE II (Project B)

Project: "Project B" will modify heating and air conditioning systems to make them more efficient and reduce utility cost.

Funding: H.B. 687 (Utilities and Renovation)

Estimated Project Cost: \$165,000.00

POULTRY BUILDING IMPROVEMENTS

Project: Improve facilities to increase operational efficiency.

Funding: H.B. 687, Item 315-074 (Utilities and Renovation)

Estimated Project Cost: \$160,000.00

November 5, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

BIOLOGICAL SCIENCES BUILDING--AIR CIRCULATION REVISION

Project: Additional duct work to be installed, which will increase the positive air flow through the fume hoods eliminating a hazardous situation, and adapt the system to current energy conservation standards.

Funding: Budget Account 801325 (OSHA Corrections)

Estimated Project Cost: \$100,000.00

EDUCATION LABORATORY IMPROVEMENTS

Project: Improve teaching facilities in Welding Engineering Laboratories Building.

Funding: H.B. 687, Item 315-074 (Utilities and Renovation)

Estimated Project Cost: \$100,000.00

CHEMISTRY LABORATORIES REMODELING (McPherson Chemical Laboratory)

Project: Improve laboratories, research and teaching services areas.

Funding: H.B. 687 (Utilities and Renovation) 75-77 Biennium

Estimated Project Cost: \$75,000.00

STILLMAN HALL ALTERATIONS

Project: Improve library and college offices.

Funding: H.B. 687 (Utilities and Renovation) 75-77 Biennium

Estimated Project Cost: \$75,000.00

November 5, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

VIVIAN HALL, REPLACE PASSENGER ELEVATOR

Project: Replace obsolete passenger elevator.
Funding: Budget Account 126070 (Contract Repair)
Estimated Project Cost: \$61,500.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

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

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REPORT OF AWARD OF CONTRACTS

Resolution No. 77-54

Synopsis: Contracts have been awarded for one project to the lowest and best bidders in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at its previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows:

November 5, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

PHARMACY ADDITION

Description: Provides new five-story addition to the north side of the present Pharmacy Building, and remodeling in certain rooms of the existing building.

General Contract

Date Received: October 20, 1976
No. of Bids: 8
Low Bid: \$ 557,050.00*
High Bid: \$ 661,800.00*
Estimate of Cost: \$ 624,900.00*
Awarded to: Robert Setterlin and Sons (Columbus, Ohio)

Laboratory Equipment Contract

Date Received: October 20, 1976
No. of Bids: 3
Low Bid: \$ 84,540.00*
High Bid: \$ 97,884.00*
Estimate of Cost: \$ 108,700.00*
Awarded to: Kewaunee Scientific Equipment Corporation (Statesville, North Carolina)

*Recommended Alternates reflected in these figures.

November 5, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

PHARMACY ADDITION (contd)

Plumbing Contract

Date Received: October 20, 1976
No. of Bids: 9
Low Bid: \$ 113,982.00*
High Bid: \$ 184,420.00*
Estimate of Cost: \$ 127,000.00*
Awarded to: The Huffman Wolfe Company (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received: October 20, 1976
No. of Bids: 6
Low Bid: \$ 355,410.00* **
High Bid: \$ 408,808.00*
Estimate of Cost: \$ 316,400.00* **
Awarded to: Julian Speer Company (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

**The bid for the Heating, Ventilating and Air Conditioning Contract is in excess of filed estimate; however, the Department of Administrative Services, Division of Public Works, recommended award since total amount of all contracts recommended for award is within the total estimate filed for the project as provided in Section 153.12 of Ohio Revised Code.

November 5, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

PHARMACY ADDITION (contd)

Electrical Contract

Date Received: October 20, 1976

No. of Bids: 9

Low Bid: \$ 143,995.00*

High Bid: \$ 176,033.00*

Estimate of Cost: \$ 195,100.00*

Awarded to: Advanced Electric Company (Columbus, Ohio)

Total All Contracts: \$1,254,977.00*

Total Project Cost: \$1,500,600.00*

Funding: (\$1,400,000.00) H.B. 687, Item 315-096 (Pharmacy Addition) and (\$100,600.00) H.B. 687, Item 315-074 (Utilities and Renovation)

*Recommended Alternates reflected in these figures.

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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REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS FOR THE FISCAL YEAR JULY 1, 1974 THROUGH JUNE 30, 1975

Resolution No. 77-55

Synopsis: Report of State Auditor for The Ohio State University Hospitals for fiscal year July 1, 1974 through June 30, 1975, 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 annual report of the Auditor of State for The Ohio State University for the period July 1, 1974 through June 30, 1975, has been received and reviewed by the appropriate officers of the University; and

November 5, 1976 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS
FOR THE FISCAL YEAR JULY 1, 1974 THROUGH JUNE 30, 1975 (contd)**

WHEREAS the accounts, records, files and reports of The Ohio State University Hospitals 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 Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - HOSPITAL PROFESSIONAL LIABILITY COVERAGE

Resolution No. 77-55

Synopsis: Authorization to enter into a short-term continuation of the present insurance coverage is requested.

Mr. Hilliker presented the following resolution on behalf of the Fiscal Affairs Committee:

Hospital Professional Liability Coverage

WHEREAS the Board of Trustees on November 7, 1975, authorized and on January 9, 1976, ratified the purchase of liability insurance for all employees and students associated with The Ohio State University Hospitals while acting within the scope of their assigned duties and responsibilities for a one-year period, effective December 15, 1975; and

WHEREAS since its inception this insurance program and all enacted pertinent legislation has been under continuous review; and

WHEREAS an investigation of all facts indicates that a review of this insurance program and potential alternatives should be made, and that various officials, legal counsel and governmental agencies should have an opportunity to examine on a comprehensive basis all options including a self-insured program:

NOW THEREFORE

November 5, 1976 meeting, Board of Trustees

REPORT - HOSPITAL PROFESSIONAL LIABILITY COVERAGE (contd)

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to enter into a short-term continuation of the present insurance coverage from the Joint Underwriting Association which expires on December 15, 1976; and

BE IT FURTHER RESOLVED, That should it be determined that a self-insurance program can be facilitated consistent with public law and rules of this Board, that the Secretary be authorized and directed to proceed with establishment of such a program, subject to ratification of the Board of Trustees.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 77-56

RESOLVED, that the report on the University's Investment Portfolio dated November 4, 1976, 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 Wednesday, December 15, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

M. Merle Harrod
Chairman

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APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 9, 1976

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Commencement Speaker

Robben W. Fleming
President, University of Michigan

Dr. Fleming became the ninth president of the University of Michigan in 1968, capping an admirable career of service to education, law, and labor.

Prior to his Michigan appointment, President Fleming held the post of chancellor at the University of Wisconsin-Madison and filled academic positions at the University of Illinois and the University of Wisconsin. Recently he was elected chairman of the board of directors of the American Council on Education, an organization counting in its membership more than 1,300 colleges, universities, and educational associations. Dr. Fleming was president of the Association of American Universities for 1974-75, and this year he was named chairman of the Federal Advisory Committee for the Higher Education Equal Employment Opportunity Program. Widely known as a labor arbitrator, he has been a consultant to various government agencies in the field of manpower and labor management problems.

The Ohio State University is pleased to confer upon Dr. Fleming the honorary degree, Doctor of Laws, and to have him address the 258th graduating class.

Honorary Degree Recipients

Robben Wright Fleming

As attorney, as labor mediator and arbitrator, and as university president, Robben W. Fleming brings to difficult and delicate issues of policy an incisive mind, objectivity, willingness to listen, and a remarkable talent for helping antagonists reach creative consensus. All this would not be enough were it not for his enduring insistence on fairness. It is this combination of skills and values which confers upon Robben Fleming true distinction as a national leader in his profession, his university, and his country.

In recognition of his long and distinguished record of service, The Ohio State University hereby confers upon him the degree of Doctor of Laws, *honoris causa*.

Allen D. Manvel

In his distinguished professional career, Allen D. Manvel has exemplified the best traditions of the scholar-intellectual at work on public policy. As the principal architect of the modern census of governments, he developed the comparable fiscal information essential to policy decisions by presidents, governors, mayors, and elected officials at all levels of government. His pioneering work has laid the base for sophisticated analysis of the awesome complexities of government, especially at the state and local level. Above all, his lifetime of scholarly achievement testifies to the possibilities for creative scholarship within the federal service.

The Ohio State University hereby confers upon him the degree of Doctor of Science, *honoris causa*.

Special Recognitions

Paul G. Benedum
Distinguished alumnus, friend, and benefactor of the University

The Ohio State University recognizes the outstanding contributions of Paul G. Benedum and honors his loyalty and dedication to The Ohio State University by naming the recreation center in Richard C. Larkins Hall the Paul G. Benedum Recreation Center. The Board of Trustees and the President further commend Paul G. Benedum for his vision and leadership in the development of this physical education, recreation, and intramural sports facility. His endorsement of the project and the support of the Claude Worthington Benedum Foundation provided the impetus for the successful fund-raising campaign which ultimately made possible this center for the serious training of athletes and the general enjoyment of faculty, staff, and students. In recognition of his impressive service to education, it is appropriate that his name be associated with the center that was directly and significantly effected by his vision.

Richard C. Larkins
Professor Emeritus, School of Health, Physical Education, and Recreation

The Ohio State University recognizes Richard C. Larkins' outstanding contributions and honors his leadership of the Ohio State Athletic Program by naming the physical education, recreation, and intramural sports building Richard C. Larkins Hall. The Board of Trustees and the President further commend Richard C. Larkins for his dedication to quality in athletics and education. As a student athlete, he brought honor to Ohio State through his combined excellence in scholarship and athletics. As freshman football coach, then as professor and chairman of physical education, and later as athletic director, he set excellence as his standard for Ohio State. Under his leadership the intercollegiate sports program expanded dramatically, and the athletic physical plant was greatly enlarged. In recognition of his many contributions to Ohio State, it is appropriate that his name be associated with the physical education, recreation, and intramural sports building which will enable future generations to carry on his commitment.

Mike Peppe
Professor Emeritus, School of Health, Physical Education, and Recreation

In honor of Mike Peppe's efforts toward advancing swimming and diving as intercollegiate sports, The Ohio State University recognizes his outstanding contributions by naming the swimming and diving facilities of The Ohio State University the Mike Peppe Aquatic Center. The Board of Trustees and the President further commend Mike Peppe for the tradition of excellence with which he has endowed these activities. Twice named diving coach of the United States Olympic Team and a mentor of champions, he has brought honor, prestige, and distinction to his alma mater. In recognition of his enduring contributions as professor and coach, it is appropriate that his name be associated with the aquatic center which his dedication helped create.

The Graduate School

Dean: Jules B. LaPudis

Doctor of Arts

Two candidates

Dolores Brzycki, Philadelphia, Pa.;
B.A. (University of Pennsylvania); M.A.;
Slavic Languages and Literatures;
Dr. Leon I. Twarog

Thomas Wallace Morgan,
Silver Bay, Minn.;
B.A., B.A. (University of Minnesota);
M.A.; *Slavic Languages and Literature*;
Dr. David F. Robinson

Doctor of Musical Arts

Two candidates

Ruby Nell Hebert, Bay City, Tex.;
B.S. (Bishop College); M.Mus. (Indiana
University); *Music*; *Dr. Irma Cooper*

James Christian Prodan, Columbus;
B.S.Ed.; M.M. (Catholic University of
America); *Music*; *Dr. Robert A. Titus*

Doctor of Philosophy

One hundred and fifty-six candidates

Kay Angona Adams, Columbus;
B.F.A. (University of Texas); M.A.;
Education; *Dr. Robert Lange*

Lowell William Adams, Mt. Crawford, Va.;
B.S. (Virginia Polytechnic Institute and
State University); M.S.; *Zoology*;
Dr. Tony J. Peterle

John Alexander Agnew,
Millom, United Kingdom;
B.A. (University of Exeter); M.A.;
Geography; *Dr. Kevin R. Cox*

Dale Edward Alspach, Jackson;
B.S. (University of Akron); *Mathematics*;
Dr. William B. Johnson

Wayne Edward Alt, Columbus;
B.A. (Ohio Wesleyan University); M.A.;
Philosophy; *Dr. Richard T. Garner*

Michael Allan Arenson, Gulf Breeze, Fla.;
B.S. (Emory University); M.M. (Florida
State University); *Music*;
Dr. William Poland

Kenneth Alan Astbury, Bridgeville, Pa.;
B.S. (Carnegie-Mellon University); M.S.;
Mathematics; *Dr. Louis Sheckston*

Karl Thomas Bachman, Cincinnati
B.A. (Ohio Wesleyan University); M.A.;
Psychology; *Dr. Lyle D. Schmidt*

Kenneth Roy Bailey, Marmet, W. Va.;
B.A. (West Virginia Institute of
Technology); M.A. (Marshall University);
History; *Dr. Allan R. Millett*

Walter Morris Baker, Columbus;
B.A. (McMurray College); M.Ed. (Harvard
University); *Psychology*;
Dr. Harold B. Pepinsky

Geetha Balasubramaniam, Madras, India;
B.Sc., M.Sc. (University of Madras); M.S.;
Home Economics; *Dr. Virginia M. Vivian*

Kaye Francis Bartlett, Washington C.H.;
B.S., M.S. (Michigan State University);
*Agricultural Economics and Rural
Sociology*; *Dr. G. Howard Phillips*

James Bruce Battles, Columbus;
B.S.Ed. (Miami University); M.A.;
Education; *Dr. I. Keith Tyler*

Pamela Jean Beatty, Natick, Mass.;
B.A. (University of New Hampshire);
M.A.; *Education*; *Dr. George L. Lewis*

Elizabeth Shreve Bishop, Ann Arbor, Mich.;
B.A. (University of Michigan); M.A.;
Psychology; *Dr. Charles Wenar*

Thomas Alan Bishop, Johnstown;
B.S. (Ohio University); A.M. (Indiana
University); *Statistics*;
Dr. Edward J. Dudevick

Judith Lenora Bonner, Camden, Ala.;
B.S.H.E., M.S.H.E. (University of
Alabama); *Home Economics*;
Dr. Virginia M. Vivian

Viswanathan Naganathan Bringi,
Bombay, India;
B.Tech.E.E. (Indian Institute of
Technology); M.S.; *Electrical Engineering*;
Dr. Thomas A. Seliga

Thomas Edwin Brinkley, Columbus;
B.A., M.A. (University of North Carolina);
English; *Dr. John M. Muste*

Joyce Jeanette Brookhart, Lima;
B.A. (Cedarville College); M.A.;
Home Economics; *Dr. Ellen Hoek*

Patricia Ann Hampton Brooks,
Jackson, Tenn.;
A.B. (Lane College); *Education*;
Dr. John B. Hough

Dorothea Patrick Brown, Columbus;
B.S.Ed., M.A.; *Education*;
Dr. Ann W. Engin

Chinawood Buranarom, Bangkok, Thailand
B.C.E. (Chulalongkorn University); M.E.
(Asian Institute of Technology); M.S.;
Civil Engineering; *Dr. Kamran Majidzadeh*

Richard Leslie Burson, Topeka, Kan.;
B.S. (Washburn University of Topeka);
Chemistry; *Dr. Leo A. Paquette*

Peter John Card, Manchester, N. H.;
B.S. (University of New Hampshire);
Chemistry; *Dr. Harold Shekter*

Colin Stephen Cass, Columbus;
A.B. (Hamilton College); M.A.; *English*;
Dr. John M. Muste

Karoon Chandrangsu, Bangkok, Thailand;
B.Eng. (Chulalongkorn University); M.S.;
Civil Engineering; *Dr. Alfred G. Bishara*

Donald Heng Chang, Columbus;
B.A. (National Taiwan University); M.A.
(University of Nebraska); M.A.; *Political
Science*; *Dr. Bradley M. Richardson*

Tu-Ting Cheng, Madison, Wis.;
B.S. (National Taiwan University); M.S.
(University of Wisconsin); M.S.; *Computer
and Information Science*; *Dr. M. T. Liu*

Demosthenes Christodoulidis,
Athens, Greece
Dipl.Eng. (Technical University of
Athens); M.Sc. (University of New
Brunswick); *Geodetic Science*;
Dr. Richard H. Rapp

Harold Raymond Cooper, Columbus;
B.S., M.S.; *Microbiology*;
Dr. Frank W. Churpenning

Alvin Stanley Cullick, Columbus;
B.S. (Tulane University); *Chemistry*;
Dr. Roger E. Gerkin

Frederick Anthony Curro, Columbus;
B.S. (Saint Johns University);
D.M.D. (Tuft University); *Pharmacology*;
Dr. Stanley Greenberg

Nikola Miodrag Cvjetanovic, New Concord;
M.A. (University of Chicago); *Slavic
Languages and Literatures*;
Dr. Frank R. Silbajoria

Kathryn Mary Davison, Bozeman, Mont.;
B.S.H.E. (University of Nebraska);
M.Ed. (Colorado State University); *Home
Economics*; *Dr. Julia I. Dalrymple and
Dr. Lena Bailey*

William Allen Denig, Kent;
B.S.Ed., M.A.; *Mathematics*;
Dr. Thomas A. Dowling

David Leonard dePue, Gahanna;
B.S.Ed., M.S. (State University of New
York College at Buffalo); *Education*;
Dr. Donald G. Luz

Athanasios Dermanis, Thessaloniki, Greece;
Diploma (Aristotelian University of
Thessaloniki) *Geodetic Science*;
Dr. Ivan I. Mueller

Byron Nagib de Sousa, Brasilia, Brazil;
Bacharel Ciencias Biologicas, Licenciado
Ciencias Biologicas, Diploma em Medicina,
(Universidade de Brasilia); *Physiological
Chemistry*; *Dr. Lloyd A. Horrocks*

Stephen Aaron Douglas, Columbus;
B.S. Ed., M.A., M.A.; *Education*;
Dr. Donald J. Tosi

Robert Vernon Dowell, Dublin, Calif.;
B.S. (University of California, Irvine);
M.A. (California State University,
Hayward); *Entomology*; *Dr. David J. Horn*

Sue Marilynn Durrant,
Salt Lake City, Utah;
B.S. (University of Utah); M.S.
(Washington State University); *Physical
Education*; *Dr. Seymour Kleiman*

Lester Julian Efirid, Tampa, Fla.;
B.A., M.A. (University of South Florida);
M.A.; *Political Science*;
Dr. Chadwick F. Alger

Mari Jeanne Egan, Columbus
B.L.S. (University of Oklahoma);
Psychology; *Dr. Henry R. Angelino*

Beth Jayne Ellis, Columbus;
B.A. (University of Maine); M.S.;
Entomology; *Dr. Gordon R. Stairs*

Frederick Alan Ernst, Dayton;
B.S. (University of Wisconsin); M.A.
(Wichita State University); *Psychology*;
Dr. Curt A. Sandman

- Diane Reeder Ewing, Columbus;
B.S.Ed., M.A. *Psychology*;
Dr. Henry Leland
- Nawaf M. Fawaz, Dearborn, Mich.;
Licence in Arts (Arab University of Beirut,
Lebanon); M.A. (University of Detroit);
Education; *Dr. Ann W. Engin*
- Joseph Anthony Federico, Cleveland
B.A. (Cleveland State University); M.A.;
German; *Dr. David H. Miles*
- Patricia Leonard Fessenden, Columbus;
B.A.; M.A. (Marquette University);
History; *Dr. Andreas Dorpalen*
- Janis Lynn Fetters, Lancaster;
B.S.Ed.; M.S.P.E. (University of North
Carolina); *Physical Education*;
Dr. Seymour Kleinman
- Robert Harris Flashman, Melrose, Mass.;
B.S., M.S. (Kansas State University);
Home Economics; *Dr. Fern E. Hunt*
- Dolores Marie Fowlkes, Muncie, Ind.;
A.B. (Indiana University); M.A. (Ball
State University); *Education*;
Dr. John O. Cooper
- John Vincent Gallagher, Columbus;
B.S. (New York University); M.S. Ed.
(State University of New York College at
Oswego); *Education*; *Dr. Donald G. Luz*
- William John Gasser, Poland;
B.S.Bus.Adm., M.A.; *Economics*;
Dr. Ernst Baltensperger
- Richard Allen Grant, Lakewood;
B.A. (Miami University); M.A.;
Psychology; *Dr. Malcolm M. Helper*
- Valerie Bonita Gray, Suitland, Md.;
B.A. (Atlantic Union College); M.A.
(Andrews University); *English*;
Dr. Julian Markels
- Ira Brown Harkey, Jr., Columbus;
B.A. (Tulane University); M.A.; *Political
Science*; *Dr. C. Richard Hofstetter*
- Clyde Eugene Harrison, Columbus;
B.S.Ed., M.A.; *Education*;
Dr. Lorren L. Stull
- Reza Mohammad Hashemi, Tehran, Iran;
Licence (Polytechnic Institute of Tehran);
M.S. (University of Dayton); *Electrical
Engineering*; *Dr. Herman R. Weed*
- E. Shevy Healey, Venice, Calif.;
B.A. (California State College at Los
Angeles); M.A.; *Psychology*;
Dr. Lawrence J. Monroe
- James Michael Hendrickson, Columbus;
B.A. (University of Wisconsin); M.A.
(California State University, San Diego);
Education; *Dr. Edward D. Allen*
- Raymond Keith Hertz, Conway;
B.S. (Indiana Institute of Technology);
M.S.; *Chemistry*; *Dr. Sheldon G. Shore*
- Chin-Chin Ho, Columbus;
B.S. (Purdue University); M.A.;
Psychology; *Dr. Henry Leland*
- Wei Weifenne Huang, Storrs, Conn.;
B.Ed. (Taiwan Normal University);
M.S. (University of Massachusetts);
Home Economics; *Dr. Julia I. Dalrymple*
- Howard Clark Hughes, Norristown, Pa.;
B.A. (Pennsylvania State University);
M.A.; *Psychology*; *Dr. Donald R. Meyer*
- Thomas Goodlow Jackson, Oxford;
B.S. (University of Maryland); M.S. (Ohio
University); *Physical Education*;
Dr. Edward L. Fox
- Patricia Ann Johnson, Delaware;
B.A. (Ohio Wesleyan University);
M.A. (Middlebury College); M.A.;
Psychology; *Dr. Don M. Dell*
- Eric Richard Jurrus, Findlay;
B.S. (Valparaiso University); M.S.;
Physiology; *Dr. Harold S. Weiss*
- John Robert Karsnitz, Kenmore, N. Y.;
B.S.Ed., M.Ed. (Millersville State College);
Education; *Dr. Willis E. Ray*
- Arlan Dean Kaufman, Kansas City, Kan.;
B.A. (Bethel College); M.S.W. (University
of Kansas); *Social Work*;
Dr. Joseph Parnicky
- Phillip Kaufman, Toledo;
B.Ed., M.Ed. (University of Toledo);
Education; *Dr. Robert E. Jewett*
- Lenora Sue Keith, Memphis, Tenn.;
B.B.A. (Memphis State University);
M.A. (University of Tennessee);
Education; *Dr. Mildred Hillestad*
- James Robert Kneip, Columbus;
B.A. (Franklin and Marshall College);
M.A.; *History*; *Dr. Michael W. Carran*
- Thomas Michael Koval, Vestaburg, Pa.;
B.S. (Pennsylvania State University);
M.S.; *Zoology*; *Dr. Willard C. Myser*
- Gayle Carter Kranz, Columbus;
B.F.A., M.A.; *Psychology*;
Dr. Henry Leland
- Mary Catherine Kuhns, Hubbard;
B.S.; *Developmental Biology*;
Dr. Thomas J. Byers
- Michael Bernard LaCrosse,
Rochester, N. Y.;
B.A. (Saint John Fisher College); M.A.;
Psychology; *Dr. Don M. Dell*
- Bryan Hayden Landis, Columbus;
B.S. (University of Delaware);
Chemistry; *Dr. Lawrence J. Berliuer*
- Gary Dale Larsen, San Antonio, Tex.;
Ph.D. (University of North Dakota);
M.S.W. (University of Minnesota);
Education; *Dr. Herman J. Peters*
- Graham Jeffrey Larson, Paramus, N. J.;
B.A. (Ohio Wesleyan University); M.S.;
Geology and Mineralogy;
Dr. Wayne A. Pettyjohn
- Richard Jeffrey Lear, Bucyrus;
B.S.Ed., M.A.; *Education*;
Dr. Donald R. Bateman
- Yin Fun Leung, Tai Kok Tsui, Hong Kong;
B.S. (Chung Chi College); M.S. (University
of Akron); *Physiology*;
Dr. Margaret T. Nishikawa
- Chun Liang Lin, Taichung, Taiwan;
B.S. (Fu-Jen Catholic University); M.S.;
Physics; *Dr. John H. Shaw*
- William Kirk Lindsay, Columbus;
B.S.Agr., M.S.; *Entomology*;
Dr. N. Wilson Britt
- Taras Nestor Liskevych, Stockton, Calif.;
B.S. (Loyola University); M.S. (George
Williams College); *Physical Education*;
Dr. Daryl Siedentop
- Larry Ray Long, Woodfield;
B.A. (Abilene Christian College); M.A.;
English; *Dr. Daniel R. Barnes*
- Linda Carol Lopez, Gales Ferry, Conn.;
B.A. (University of Wisconsin); M.A.;
Psychology; *Dr. Philip M. Clark*
- Servando Ruben Lozano, Columbus;
B.A., M.Ed. (Bowling Green State
University); *Education*;
Dr. John O. Cooper
- Wilson Roberto Soares Mattos,
Sao Paulo, Brazil;
Engr. Agron. (Universidade de Sao Paulo);
M.S.; *Dairy Science*;
Dr. Donald L. Palmquist
- Ronald Bernard McPadden, Brooklyn, N. Y.;
B.A., M.A.T. (Brooklyn College);
Education; *Dr. Raphael O. Nystrand*
- John Hudson McGriff, Columbus;
B.S.Ed., M.A.; *Political Science*;
Dr. Randall B. Ripley
- Robert Alan Meredith, Studio City, Calif.;
B.A., M.A. (Brigham Young University);
Education; *Dr. Edward D. Allen*
- William Bruce Messmer, Dayton;
B.A. (Otterbein College);
Political Science; *Dr. Philip D. Stewart*
- Ralph Douglas Montanaro, Newark;
B.A. (Muskingum College); M.A.;
History; *Dr. Franklin J. Pegues*
- Marilyn Eshelman Moody,
Council Bluffs, Iowa;
B.S. (Iowa State University); M.A.;
Psychology; *Dr. Malcolm M. Helper*
- Stephen Adeock Moser,
Garden Grove, Calif.;
B.S., M.S. (California State College at
Long Beach); *Medical Microbiology*;
Dr. J. Dennis Pollack
- Douglas Roy Munro, Ann Arbor, Mich.;
B.A. (University of Oklahoma); M.A.;
Economics; *Dr. Donald O. Parsons*
- Barbara Jean Nelson, Columbus;
B.A., M.A.; *Political Science*;
Dr. Philip M. Burgess
- Anthony Frederick Nield,
Edmonton, Alta., Canada;
B.A. (University of Alberta); M.A.;
Psychology; *Dr. Delos D. Wickens*
- Daniel Allen Niswonger, Middletown;
B.S. in Edu. (Miami University); M.A.
(Louisiana State University and
Agricultural and Mechanical College);
Education; *Dr. James K. Duncan*
- Edwin Squire Nordin, Columbus;
A.B., M.Ed. (Ohio University);
Education; *Dr. Walter G. Hack*
- Peter Osei-Gyimah, Nk Watia, Ghana;
B.S. (Wisconsin State University);
Pharmacy; *Dr. Duane D. Miller*
- George Gilbert Outterson, Cincinnati;
B.A. (Northwestern University); M.S.;
Chemistry; *Dr. Sheldon G. Shore*
- Carol Pillsbury Gardner Patton,
Worthington; B.S.Nurs., M.S.;
Physiology; *Dr. Heinz P. Picper*
- Lynn Rickey Penland, Stow;
B.S.Ed., M.A.; *Health Education (Physical
Education)*; *Dr. Mary K. Beyrer*

- Stephen Joseph Pfohl, Washington, D. C.; B.A. (Catholic University of America); M.A.; *Sociology*; Dr. Clyde W. Franklin, II
- Ned Hansen Phillips, Beres; B.A. (Muskingum College); M.A.; *Economics*; Dr. Edward J. Ray
- William Clarence Pike, Effingham, Ill.; B.S. (University of Illinois); *Chemistry*; Dr. Paul G. Gassman
- Kenneth Louis Pohronezny, Bethlehem, Pa.; B.S. (Pennsylvania State University); *Plant Pathology*; Dr. Philip O. Larsen and Dr. Curt Leben
- Rebecca Ruth Riales, Belpre; B.S. (California State College); M.S. (Ohio University); *Home Economics*; Dr. Virginia M. Vivian
- William Joseph Rogers, Carrollton; B.A. (College of Wooster); *Chemistry*; Dr. Roger E. Gerkin
- Robert Richard Ruffolo, Columbus; B.S.; *Pharmacy*; Dr. Popat N. Patil
- Catherine Bernardi Ryan, Potsdam, N. Y.; A.B. (State University College of New York at Syracuse); M.A. (University of Rochester); *History*; Dr. Harold J. Grimm
- Russell Eugene Savage, Jr., Cuyahoga Falls; B.A. (Miami University); *Pharmacology*; Dr. Daniel Couri
- Lyle Robert Schröder, Columbus; B.S. in Ed., M.S. (Kansas State College of Pittsburg); *Education*; Dr. Donald G. Lux
- Ned William Schultz, Lancaster, Pa.; B.S. (Pennsylvania State University); M.A.; *Psychology*; Dr. George G. Thompson
- Janet Elaine Scott, Columbus; B.S.Ed. (California State College); M.A.; *Education*; Dr. Anthony C. Riccio
- Shirley Ann Scritchfield, Osceola, Iowa; B.S. (Iowa State University); M.A.; *Sociology*; Dr. Clyde W. Franklin, II
- James Edwin Seaman, Cedarville; B.S. (Cedarville College); M.B.A. (University of Dayton); *Education*; Dr. Mildred Hillestad
- Stanley Selinger, Brooklyn, N. Y.; A.B. (City College); M.A.; *Psychology*; Dr. Malcolm M. Helper
- Rajendar Kumar Sharma, Gurgaon, India; B.S. (Agriculture and Animal Husbandry) (Punjab Agricultural University); M.S.; *Genetics*; Dr. Bruce Griffing
- Timothy Joseph Shay, Cincinnati; B.A., M.A. (University of Cincinnati); *Political Science*; Dr. Donald S. Van Meter
- David Robert Sirota, Montclair, N. J.; A.B. (University of Miami); M.S. (Brooklyn College); *Communication*; Dr. Thomas A. McCain
- Cynthia Mozelle Smith, Brundidge, Ala.; B.S., M.Ed. (Tuskegee Institute); *Home Economics*; Dr. Mary Lapitsky
- Ock Soon Son, Seoul, Korea; B. of Pharm. (Ewha Woman's University); M.S.; *Pharmacy*; Dr. Dennis R. Feller
- Richard Nephi Southwick, Columbus; B.S. (University of Utah); *Psychology*; Dr. Frank M. Fletcher
- Alvin Wayne Strong, Dayton; B.E.E., M.S.; *Electrical Engineering*; Dr. John M. Swartz
- Yuan-Kai Tang, Taipei, Taiwan; B.S.E. (Taiwan Cheng Kung University); M.S.; *Metallurgical Engineering*; Dr. George R. St. Pierre
- Prasert Tantayanondkul, Bangkok, Thailand; B.Eng. (Chulalongkorn University); M.S. (Youngstown State University); *Civil Engineering*; Dr. Alfred G. Bishara
- David Wilson Taylor, Olympia, Wash.; B.A. (Duke University); A.M.L.S. (University of Michigan); M.A.; *Public Administration*; Dr. Arthur D. Lynn, Jr.
- Gregory Harold Terry, Columbus; B.S.; *Physics*; Dr. Hershel J. Hausman
- Diane Jean Thomas, Brooklyn; B.S.Ed. (Miami University); M.S. (University of Wisconsin); *Education*; Dr. Harold C. Trimble
- Vivian Eileen Shaver Titus, Grove City; B.S. in Educ. (Youngstown University); M.Ed. (Westminster College); *Education*; Dr. James E. Kerber
- Taishwarnauth Tribhawan, Guayama, Puerto Rico; B.A., M.A. (Mankato State College); M.A. (University of Nebraska); *Psychology*; Dr. Henry Leland
- Tsang Lin Tsin, Kowloon, Hong Kong; B.S. (Southern Oregon College); M.S.; *Physics*; Dr. S. Leslie Blatt
- Sally Shiner Twining, Bowling Green; B.S., M.A. (Bowling Green State University); *Physiological Chemistry*; Dr. Norman Allen and Dr. Arthur S. Brecher
- Gilbert Michael Ugiansky, Gaithersburg, Md.; B.S., M.S. (University of Maryland); *Metallurgical Engineering*; Dr. Roger W. Staehle
- Alexander Georg Urfer, Weehawken, N. J.; B.A. (Montclair State College); M.A.; *Physical Education*; Dr. Robert L. Bartels
- Mark Joseph Van de Walle, New Carrollton, Md.; B.S., M.S. (Pennsylvania State University); *Electrical Engineering*; Dr. Carlton H. Walter
- Harland Lester Verrill, Columbus; B.S. (Otterbein College); *Pathology*; Dr. Hans-Dieter Gruemer
- Prapon Vongvichien, Bangkok, Thailand; B.E. (Chulalongkorn University); *Civil Engineering*; Dr. Joseph Treitler
- Robert Hall Wagoner, Columbus; B.S.Met.E.; M.S.; *Metallurgical Engineering*; Dr. John P. Hirth
- Lawrence Thomas Walters, II, New Boston; B.B.A. (Kent State University); *Education*; Dr. Aaron J. Miller
- Hsien-Yien Wang, Taipei, Taiwan; B.S. (Tunghai University); M.S.; *Chemistry*; Dr. Leon M. Dorfman
- James Francis Wasserman, Toledo; A.B. (Saint Meinrad Seminary); M.A. in Phil. (Athenaeum of Ohio); M.A. (Xavier University); *Education*; Dr. Donald P. Anderson
- Donald Allan Waterfield, Port Deposit, Md.; B.A. (Ohio Wesleyan University); M.S. (Springfield College); *Physical Education*; Dr. Robert L. Bartels
- Allen Lee White, Columbus; B.A. (George Washington University); M.A.; *Geography*; Dr. Howard L. Gauthier
- Leon S. White, Raleigh, N. C.; B.S., M.Ed. (Tuskegee Institute); *Education*; Dr. Anthony C. Riccio
- Carol Winters Wish, Columbus; B.A. (Elmhurst College); M.A.; *Psychology*; Dr. Henry R. Angelino
- David Lyndon Woods, San Jose, Calif.; A.B. (San Jose State College); A.M. (Stanford University); *Communication*; Dr. Joseph M. Foley
- Matthew Joseph Wyrwatt, Donora, Pa.; B.S. (Duquesne University); *Chemistry*; Dr. Leo D. Paquette
- Dennis A. Yates, Greenville, Pa.; B.A. (Thiel College); *Chemistry*; Dr. Theodore Kuwana
- Brian Benedict Zax, Sherman Oaks, Calif.; B.A. (University of California); M.A.; *Psychology*; Dr. Paul D. Isaac
- Nancy Lusk Zimpher, Gallipolis; B.S.Ed., M.A.; *Education*; Dr. Donald R. Cruickshank
- Michael A. Zockle, Niles; B.S.Ed. (Youngstown State University); M.Ed. (Kent State University); *Education*; Dr. Thomas M. Stephens

Master of Accounting

Three candidates

(Field of Specialization is in italics)

Don Edward Collins, Columbus;
B.A.; *Accounting*

Robert Edwin Gowdy, Jr., Columbus;
B.S. (Miami University); *Accounting*

Yahya Awad S. Sabban,
Mecca, Saudi Arabia;
B.Commerce (University of Riyadh);
Accounting

Master of Architecture

Three candidates

(Field of Specialization is in italics)

Sumonta Jaruporn, Bangkok, Thailand;
B.Arch. (Silpakorn University of Fine
Arts); *Architecture*

Paul Newman, Cleveland;
B.G.S. (Ohio University); B.S. Arch.;
Architecture

George O. Siekkinen, Jr., Kinsman;
A.B. (Case Western Reserve University);
Architecture

Master of Arts

One hundred and sixty-five candidates

(Field of Specialization is in italics)

Barbara Ambos, Columbus;
B.S.Ed. (Miami University); *Education*

Barbara A. Baklarz,
Upper Saddle River, N. J.;
B.A. (Niagara University); *Journalism*

Lynn Ann Menoher Bangs, Union City, Pa.;
B.A. (Baldwin-Wallace College);
Public Administration

Harvey Lee Beahm, Jr., Columbus;
B.A. (Muskingum College);
Physical Education

Anna Walchner Bellisari, Columbus;
B.A. (Wittenberg University);
Anthropology

Roscoe James Betsill, Columbus;
B.S. (North Carolina Agricultural and
Technical State University); *Education*

Anthony Dwight Bobo, Cincinnati;
B.A.; *Education*

Howard Samuel Bossen, Columbus;
B.F.A. (Philadelphia College of Art);
Photography and Cinema

Scott Lee Brader, Columbus;
B.S.Ed.; *Education*

Mary Alice Brand, Columbus;
B.A.; *Philosophy*

Maurice DuPont Brooks, Columbus;
B.S. (Otterbein College); *Psychology*

Roger Lynn Campbell, Ashville;
B.B.A., B.S.Ed. (Ohio University);
Education

Sister Mary Jeanette Cerney, Tiffin;
B.A. (College of Saint Francis, Illinois);
History of Art

Sarahlynn Chapley, Warren;
B.S.Ed.; *Education*

Daniel Alan Chrismer, Ashville;
B.A.; *Education*

Dianne Elizabeth Cmich, Canton;
B.S. (Kent State University);
Health Education (Physical Education)

Rena Renay Wish Cohen, Akron;
A.B. (University of Michigan); *Journalism*

Susan Marie Cook, Akron;
B.A. (Ohio Wesleyan University); *English*

Marcia Ann Cooper, Canton;
B.A. (Otterbein College); *History*

Joseph Russell Corley, Nashville, Tenn.;
B.A. (David Lipscomb College);
Communication

Candace Robin Cotton,
North Bellmore, N. Y.;
B.A. (State University of New York at
Buffalo); *Psychology*

Margaret Mary Covino, South River, N. J.;
B.S. (Findlay College); *Education*

Sandra Elvira Curry, Raleigh, N. C.;
B.A. (Winston-Salem State University);
Political Science

Karen Stephanie Davis, Honolulu, Hawaii;
B.A. (University of Hawaii); *Journalism*

James Louis Dawson, Newark;
B.S.Ed. (Bowling Green State University);
History

Glady Antonia De Jesus,
Santo Domingo, Dominican Republic;
Licenciado en Economia (National
University of Pedro Henriquez); *Economics*

Miguel Angel Diaz, Alexandria, Va.;
B.A. (American University); *Dance*

Patricia A. Dillon, Manhasset, N. Y.;
B.A. (Marymount College); *English*

°Ingrid Lemp Dixon, Columbus; *Sociology*

William James Dixon, Warren, Pa.;
B.A. (Bucknell University);
Political Science

Lewis Eugene Dodley, Columbus;
B.S.Ed.; *Education*

Carol Ann Duckson, Dayton;
B.S.Ed.; *Education*

Robert Leroy Dye, Columbus;
B.S.Ed. (Ashland College); *Education*

Joyce Worstall Estock, Columbus;
B.S.Ed. (Ohio University); *Education*

Doña Reshetalo Faust, Columbus;
B.S.Ed. *Education*

Joanne Ferraro, Terryville, N. Y.;
A.A. (Suffolk Community College);
B.S.; *Education*

Glenn S. Ferrone, Cleveland;
B.S.; *Education*

John Finamore, Youngstown;
B.A.; *Public Administration*

David Charles Fisher, Youngstown;
B.A.; *Public Administration*

Charlene Cohen Fix, Columbus;
B.S.Ed.; *English*

Stephen Patrick Flower, Middletown;
B.S.Ed. (Ohio University); *Education*

James David Foster, Portland, Ore.;
B.S. (Seattle Pacific College); *Psychology*

Eric William Freece, Findlay;
B.S.Ed.; *Education*

Denise Lynn Gabriel, Delaware;
B.F.A. (University of Nebraska); *Dance*

Gonzalo Garcia, Jr., San Antonio, Tex.;
B.A. (University of Texas); *Education*

Mark Dennis Geers, Cincinnati;
B.A. (Xavier University); *Journalism*

William Ricardo Glenn, Columbus;
B.S.Ed.; *Education*

Sheila Harrell Goins, Barberton;
B.S.Ed. (Central State College); *Education*

Susha Golomb, Miami Beach, Fla.;
A.B. (Boston University); *Anthropology*

James D. Goltz, Columbus; B.A.; *Sociology*

Anne E. Gottwald, Columbus;
B.A. (University of Kentucky);
Public Administration

Thackery S. Gray, Piqua;
B.A. (University of Colorado); *Psychology*

Danny Ray Griffith, Valparaiso, Ind.;
B.A. (Wabash College); *Psychology*

Nena Ann Grimes, Columbus;
B.S.Ed.; *Education*

Carolyn Kuehnle Grimm, Bucyrus;
B.S.Ed.; *Education*

Sarah Schleder Gudz, Columbus;
B.A.; *Public Administration*

Gary Michael Gugelchuk, South Point;
B.A.; *Anthropology*

Manfred William Haertel, Doylestown;
B.A.; *Education*

Linda Lee Haines, Milwaukee, Wis.;
B.A. (University of Wisconsin);
Anthropology

* Also Bachelor of Arts,
Colleges of the Arts and Sciences

- Mary Lee Harlan, Dallas, Tex.;
B.A. (University of Oklahoma);
History of Art
- Robbie K. Hartsell, Westerville;
B.A.; *Public Administration*
- Edwin Stewart Heminger, Belle Center;
B.S.Ed.; *Education*
- Peggy Marie Henson, Mansfield;
B.S.Ed.; *Education*
- Delwin Anton Herz, Shiloh;
B.S.Ed. (Ashland College); *Education*
- Pennella Donahue Hill, Toledo;
B.S.Ed.; *Education*
- Cicily Bostwick Horan, Columbus;
A.B. (Notre Dame College); *Journalism*
- Thomas Ford Hoyle, Canfield;
B.A. (Mount Union College); *Public Administration*
- Holley Elizabeth Huber, Columbus;
B.S.Ed.; *Education*
- Lawrence W. Hugenberg, Columbus;
B.S.Soc.Wel.; *Education*
- Margaret Shannon Hyslop, St. Clairsville;
B.S.Ed.; *Education*
- Grethen Grodt Imlay, Columbus;
B.S.Ed.; *Education*
- Inell Johnson, Columbus;
B.S. (Alcorn Agricultural and Mechanical College); *Education*
- Phyllis Johnson Jones, Columbus;
B.S.Ed.; *Education*
- Larry Keith Kennedy, Mansfield;
B.A. (Mount Union College); *Education*
- Annette Lynn Kirby, Crestline;
B.A.; *History of Art*
- Andrea Jane Kritselis, Pensacola, Fla.;
B.S. (University of West Florida);
Physical Education
- Lauren Louise Kruzshak, Trumbull, Conn.;
B.S. (Ithaca College); *Communication*
- Jacqueline Lasry, Strasbourg, France;
Licence (University of Strasbourg);
Romance Languages and Literatures
- David Gerard Lavond, Sacramento, Calif.;
B.S. (University of Santa Clara);
Psychology
- Arthur Hobart Leaf, Columbus;
B.S.Ed.; *Education*
- Stephen Weyant LeFebvre, Columbus;
B.A. (Capital University); *Education*
- Michael Raymond Leippe, Rochester, N. Y.;
B.A. (University of Rochester); *Psychology*
- Danny Alan Lozer, Torrance, Calif.;
B.A. (Pepperdine University); *Sociology*
- Cathy Susan Lynch, Brooklyn, N. Y.;
B.S.H.E.; *Education*
- Karen Sue Haas Lyness, Columbus;
A.B. (Miami University); *Psychology*
- Victoria Belfiglio Lyon, North Canton;
B.A.; *Journalism*
- Pete Maneff, Columbus;
B.S.Ed.; *Education*
- John Marvin Manson, Amsterdam;
B.A. (Kent State University);
Public Administration
- Barbara Solomons Maple, Columbus;
B.S.Ed.; *Education*
- Pamela Richardson Marsh, Columbus;
B.A.; *Education*
- Carol Jean Martin, Star City, W. Va.;
A.B. (West Virginia University);
Public Administration
- Raymond Don Martinez, Rome, N. Y.;
B.S. (State University of New York College at Oswego); *Public Administration*
- Daryle Jean Maser, Donora, Pa.;
B.A. (Morehead State University);
Psychology
- Walter David Mathews, Waverly;
B.A. (University of Cincinnati);
Psychology
- Elizabeth E. McKinley, Kenton;
B.S.Ed.; *Education*
- Joyce Ann Miller, Middleburg Heights;
B.S. (Ohio University); *Education*
- Jo Nell Minge, Franklin;
B.A.; *Public Administration*
- Patrick Owen Moore, Columbus;
B.A.; *English*
- James E. Nesbitt, Columbus;
B.S.Ed.; *Education*
- Susan Powers Newton, Crown Point, Ind.;
B.S. (Butler University); *Art Education*
- Michael Lee Norton, Vienna, Va.;
B.Mus.Ed. (Madison College); *Music*
- Anne Orthmeyer, Washington C. H.;
B.S.Ed. (University of Dayton); *Education*
- Tajudeen Ademola Oshodi, Lagos, Nigeria;
Journalism
- Michael Wayne Osment, Orient;
B.A. (Capital University); *History*
- Keith Edward Osterhage, Ottawa;
B.A. (Ohio Northern University); M.A.;
Public Administration
- Judith Lynn Ott, Broadview Heights;
B.A. (Baldwin-Wallace College);
History of Art
- Daniel Owens, Cincinnati;
B.A. (Capital University); *Psychology*
- John David Pasco, Columbus;
B.A.; *Journalism*
- Joseph John Perrino, Metuchen, N. J.;
A.B. (Rutgers State University);
Philosophy
- Peter Anthony Persuitti,
Hudson Falls, N. Y.;
B.A. (University of Scranton); *Classics*
- George Jones Peters, Jr., Memphis, Tenn.;
B.A. (Oberlin College); *Philosophy*
- Ruth Miley Peters, Marion;
B.S.Ed.; *Education*
- Geraldine Petros, Columbus;
B.S.Ed.; *Education*
- Kristine Jones Posch, Delaware;
B.S. (University of Wisconsin); *Education*
- Patrick Dennis Reagan, Rocky River;
A.B. (Kenyon College); *History*
- James Richard Reinert, Delaware;
B.B.A. (University of Notre Dame);
Education
- Cynthia Babcock Richardson, Columbus;
B.S.Ed.; *Education*
- Bonnie Lou Ritchie, Columbus;
B.A. (Wittenberg University); *Psychology*
- Anne Marie Roalef, Dayton;
B.A. (University of Dayton); *Linguistics*
- Patricia Patrick Ross, Sparta;
B.S.Ed.; *Education*
- Daniel Charles Rushfield, Flushing, N. Y.;
B.A. (Queens College); *Economics*
- Sharon Giauque Russell, Marion;
B.S.Ed. (Bowling Green State University);
Education
- Valerie Eve Sanes, Skokie, Ill.;
B.A. (University of Illinois); *Education*
- Radha Sarma, Madras, India;
B.A. (University of Madras); *Journalism*
- Vernon Thomas Sarver, Jr., Johnstown;
B.A. (Florida State University);
B.I. (Tufts University); S.T.M. (Boston University); *Philosophy*
- Sandra Michele Saunders, Akron;
B.S.Ed. (University of Akron); *Education*
- Sheila Marie Schaum, Zanesville;
B.S.Ed. (Ohio University); *Education*
- Renée Sum Scott, Montevideo, Uruguay;
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Romance Languages and Literatures
- Jean Hanna Sells, Columbus;
B.A. (Ohio Wesleyan University);
Education
- James M. Sheehan, Crestline;
B.A.; *Public Administration*
- Douglas Howard Shupe, Columbus;
B.A. (Miami University);
Public Administration
- Edith Cravens Sidwell, Lexington, Ky.;
A.B. (Asbury College); *Education*
- Joyanna Lee Silberg, Baltimore, Md.;
B.A. (University of Maryland);
Psychology
- Catherine Berger Smith, Columbus;
B.S.Ed.; *Education*
- David Thomas Smith, Morrow, Ga.;
B.A. (Miami University); *Psychology*
- June Giffen Snow, Toronto, Ont., Canada;
B.A. (McMaster University); I.E.S.T.C. (Toronto Teachers College); *Education*

- John Wilson Sproat, Jr., Columbus;
B.A.; *Communication*
- Barry Steven Stebbins, Dayton;
B.S.Ed.; *Education*
- Brenda Joyce Steele, Columbus;
B.S.Ed.; *Education*
- Tanya Maria Swails, Cleveland;
B.A., M.A.; *Black Studies*
- Edith Pontius Swank, Columbus;
B.S.Ed. (Baldwin-Wallace College);
Education
- Dawn O'Dwyer Taylor, Louisville, Ky.;
B.A. (University of Kentucky); *Psychology*
- Lawrence Dale Temple, Columbus;
B.S.Bus.Adm. (Franklin University);
Public Administration
- Wayne Oliver Thompson, Akron;
B.S.Ed. (Ohio University); *Education*
- Sandra Jo Tillett, Mantua;
B.A.; *Communication*
- Léonide Gérard Toussaint,
Worcester, Mass.;
B.A., M.A. (Assumption College);
Education
- Elizabeth Gorton Turner, Hudson;
B.S.Ed.; *Health Education (Physical
Education)*
- William Allen Villaume, Columbus;
B.A. (Waterloo University College,
Canada); M.Div. (Lutheran Theological
Seminary); *Communication*
- Reginald Eugene Walker, Ripley, Tenn.;
B.A. (Fisk University); *English*
- Juanita Rice Watson, Ashland;
B.S.Ed. (Bowling Green State University);
Education
- Carolyn Ann Wayne, Kinston, N. C.;
B.A. (Winston-Salem State University);
English
- Judith J. Weston, Columbus;
B.S.Ed.; *Education*
- Ann Miller White, Columbus;
B.A.; *English*
- Patricia Elizabeth White,
Princess Anne, Md.;
B.A. (University of Maryland); *Sociology*
- Mary Anna Wildermuth, Columbus;
B.A. (Kent State University);
Slavic Languages and Literatures
- John Allan Williams, Wickliffe;
B.S. (Lake Erie College); *Anthropology*
- Gayle Lynn Winer, Columbus;
B.S.Ed. (Ohio University); *Education*
- Howard Francis Wise, New Philadelphia;
B.S.Ed.; *Political Science*
- Grace Marie Witter, Oberlin;
B.A. (Duke University); *Education*
- Constance D. Workman, Hudson;
B.S.Ed.; *Education*
- Patricia Ann Worthen, Columbus;
B.S.Soc.Adm., M.S.W.;
Public Administration
- Wendy Ann Yaross, Dayton;
B.A.; *English*
- Cheryl Zaruba, Independence;
Journalism
- Edward Joseph Zawistowski,
Belchertown, Mass.;
B.A. (Alliance College);
Slavic Languages and Literatures
- Gary Michael Zych, Lorain;
B.A. (Baldwin-Wallace College);
Journalism
- Master of Business Administration**
- Thirty-three candidates
- (Field of Specialization is in italics)
- William Burdette Baker, Columbus;
B.S.Bus. (Miami University);
Business Administration
- James Anthony Chinnici, Parma;
B.S.Bus. (Miami University);
Business Administration
- Mary Laird Duchi, Ann Arbor, Mich.;
B.A. (University of Michigan);
Business Administration
- William Arthur Farmer, Elyria;
B.S.I.S.E.; *Business Administration*
- James Joseph Foglia, Columbus;
B.S. (Ohio University);
Business Administration
- David C. Frederick, Centerville;
B.A., M.P.A.; *Business Administration*
- Robert Drury Graffagnino, Columbus;
B.A. (Williams College);
Business Administration
- John Gurgle, III, Alliance;
B.S. (Purdue University);
Business Administration
- Jon Richard Hauseman, Decatur, Ill.;
B.A. (Drake University);
Business Administration
- William Alan High, Columbus;
B.S.Bus.Adm.; *Business Administration*
- Mare Stephen Himebaugh, Miami, Fla.;
B.B.A. (Stetson University);
Business Administration
- Peter Lee Holman, Columbus;
B.S.E.E.; *Business Administration*
- Richard Larry Hoover, Tiffin;
B.S. (Ashland College);
Business Administration
- Duane Rodney Huff, Dresden;
B.S.Bus.Adm.; *Business Administration*
- Bruce Ervin Jones, Jamestown;
B.S.Bus.Adm.; *Business Administration*
- LaVerne Jones, Canonsburg, Pa.;
B.S. (Clarion State College);
Public Administration
- Richard Lee Kaufman, Akron;
B.S.B.A. (University of Akron);
Business Administration
- Sharon Ann Keillor,
Kingston, Ont., Canada;
B.Engr.Sc. (University of Western
Ontario); Ph.D. (University of London,
England); *Business Administration*
- Gregory Joseph Klausner, South Euclid;
B.B.A. (University of Notre Dame);
Business Administration
- Edward Henry Lang, III, Columbus;
B.S.; *Business Administration*
- Gail Lanita Merritt, Savannah, Ga.;
B.S. (Savannah State College);
Business Administration
- Daniel Michael O'Brien, Columbus;
B.A.; *Business Administration*
- Maris Falken Ogg, Columbus;
B.S.Bus.Adm.; *Business Administration*
- Edward Joseph Ostrowski, Jr., Steubenville;
B.S.Met.E.; *Business Administration*
- Jeffrey Robert Rodek, Canton;
B.S.M.E.; *Business Administration*
- Joseph Edward Seringer, Wooster;
B.A.; *Business Administration*
- Richard Wayne Smith, Washington, Ind.;
B.S.Bus.Adm. (Indiana University);
Business Administration
- Michael L. Sternad, Columbus;
B.S.Bus.Adm.; *Business Administration*
- Thomas Gregory Strachota,
West Bend, Wis.;
B.B.A. (University of Notre Dame);
Business Administration
- Gary Thomas Swank, Cuyahoga Falls;
B.S.E.E.; *Business Administration*
- Barry Martin Taylor, Columbus;
B.S., B.A.; *Business Administration*
- Edward M. Webster, Jr., Waterloo, N. Y.;
B.S.Bus. (Miami University); M.S.;
Business Administration
- Joseph Alton Zorich, Bridgeport;
B.S.; *Business Administration*
- Master of City and Regional Planning**
- Three candidates
- (Field of Specialization is in italics)
- David Marion Hulefeld, Cincinnati;
A.B. (Georgetown University);
City and Regional Planning
- Dean Allen McQuown, Lyndhurst;
B.A. (College of Wooster); M.A.;
City and Regional Planning
- Charles Peselnick, Columbus;
B.S.Bus.Adm.;
City and Regional Planning

Master of Fine Arts**Two candidates**(Field of Specialization is in *italics*)

William M. Barclay, Rutherford, N. J.;
B.F.A. (New York University); *Theatre*

Ann Kibel Schwartz, Columbus;
B.F.A. (Memphis State University); *Art*

Master of Music**Nine candidates**(Field of Specialization is in *italics*)

Robert Alan Allison, Coraopolis, Pa.;
B.Mus. (Youngstown State University);
Music

Jean Louise Couchie, Alliance;
B.A. (Mount Union College); *Music*

Peter Paul Dorgan, Navan, Ireland;
L.R.A.M. Diploma (Royal Academy of
Music, England); L.T.C.L. Diploma
(Trinity College of Music, England); *Music*

Marya Hannum Giesey, Worthington;
B.Mus. (Oberlin Conservatory of Music);
Music

Terrence M. Handler, Salem, Ore.;
B.Mus. (University of Oregon); *Music*

Shirley Hixson, Norwich;
B.S.Ed. (Ohio Northern University); *Music*

Peter Nathan Lohman, New York, N. Y.;
A.B. (Oberlin College); *Music*

Steven M. Rohrer, Eureka, Calif.;
B.A. (Humboldt State University); *Music*

Charlotte Wiant, Columbus;
B.Mus. (Ohio Wesleyan University); *Music*

Master of Science**One hundred and eighty-eight candidates**(Field of Specialization is in *italics*)

Lorenzo Aguilar, Mexico, D. F., Mexico;
Matematico (Universidad Nacional
Autonoma de Mexico); *Computer and
Information Science*

Stephen Agyei-Damoa, Kumasi, Ghana;
B.Sc. (University of Science and
Technology); *Metallurgical Engineering*

Douglas W. Amlin, Dayton;
B.S. (University of Texas);
Mechanical Engineering

Deborah L. Arms, Hammond, Ind.;
B.S.Nurs.; *Nursing*

David Milton Armstrong, Columbus;
B.S.; *Pathology*

James Roger Barborak, Xenia;
B.S.Nat.Res.; *Natural Resources*

Jean-Louis Barre, Simiane, France;
Diploma d'Ingenieur (Ecole Nationale
d'Ingenieurs); *Electrical Engineering*

*Thomas Lee Benecke, Napoleon;
Animal Science

David Allen Beren, Cincinnati;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*

Bruce A. Berger, Cleveland;
B.S.Pharm.; *Pharmacy*

Joanne Mary Bergole, Cleveland;
B.S.Nurs.; *Nursing*

Keith Louis Bildstein, Warren, N. J.;
B.S. (Muhlenberg College); *Zoology*

Cynthia L. Blair, Columbus;
B.A. (Ohio Wesleyan University);
Mathematics

Shortie McKinney Blankenship, Columbus;
B.S. (Marshall University);
Home Economics

¹Fynthia Delores Blaser, Columbus;
Food Science and Nutrition

Kathleen Blieszner, Pittsburgh, Pa.;
B.A. (Mercyhurst College); *Chemistry*

James Victor Bonta, Baltic;
B.S. (Utah State University);
Civil Engineering

Carlos Francisco Borda V.,
Bogota, Colombia; *Computer and
Information Science*

Woodward Scott Bousquet, Pittsfield, Mass.;
B.S. (Cornell University);
Natural Resources

Roberta Haygood Bradshaw, Columbus;
B.S. (Kentucky State University);
Home Economics

Judith Sharon Bright, Loudon, Tenn.;
B.A. (University of Tennessee);
Microbiology

Barbara Sue Brooks, Dayton;
B.S.H.E.; *Home Economics*

Luther Park Brown, Elmhurst, Ill.;
B.A. (Elmhurst University); *Zoology*

Lydia D. Bruny, Somers; ²
B.S.H.E.; *Agricultural Education*

Gregory George Buchal, Cleveland;
B.A. (Miami University);
Natural Resources

Barbara Ballentine Burcham, Springfield;
B.S.Nurs. (University of Rochester);
Nursing

Michael William Callahan, Columbus;
B.S., B.S.All'd.Hlth.Prof.;
Allied Medical Professions

Diane C. Cantrell, Columbus;
B.S.Ed.; *Natural Resources*

Clifton C. Cavanaugh, Jr., Emmons, Minn.;
B.S. (Morningside College); *Astronomy*

Wayne Edwin Channell, Seneca; ³
B.S.Ed., M.C.R.P.; *Natural Resources*

Benny Hopkee Cheng,
Kowloon, Hong Kong;
B.S. (University of Illinois);
Electrical Engineering

Hong-Loon Chiu, Hong Kong;
B.S. (State University of New York at
Buffalo); *Electrical Engineering*

Richard Carl Clark, Fremont;
B.S. (Case Western Reserve University);
Metallurgical Engineering

Gary R. Cline, Massillon;
B.S.Nat.Res.; *Natural Resources*

Angela Marie Coker, Baltimore, Md.;
B.S. (Morgan State University);
Home Economics

Rosa Lee Cook, Dayton;
B.R.E. (Piedmont Bible College);
B.S.Nurs. (University of Pennsylvania);
Nursing

Joel B. Cornacoff, Clifton, N. J.;
B.S.; *Microbiology*

Thierry M. Cortale,
Saint-Germain-en-Laye, France;
Diploma (Institut Industriel du Nord);
Industrial and Systems Engineering

L. Anne Breene Davis, Columbus;
B.S. (University of Dayton);
Computer and Information Science

Fred J. Deel, Vinton;
B.A. (Rio Grande College);
Agricultural Education

David Allan DeGruyter, Charleston, W. Va.;
B.S. (Marshall University);
Geology and Mineralogy

Patricia Ann DeRuyster, New York, N. Y.;
B.S. (State University of New York at
Albany); *Computer and Information Science*

Sara Marie Deyo, Kokomo, Ind.;
B.S. (Bob Jones University); *Pharmacy*

Ishwari Dutt Dhariyal, Allahabad, India;
B.Sc., M.Sc. (University of Allahabad);
Statistics

Sureshchandra N. Doshi, Calcutta, India;
B.E. (University of Baroda);
Civil Engineering

Eleanor A. Dougherty, Bridgport;
B.S.Nurs. (Catherine Spalding College);
Nursing

Sandra F. Earnest, Marion;
B.S.Nurs. (Case Western Reserve
University); *Nursing*

Cynthia Ream Ensley, Evansville, Ind.;
B.S.Med.Tech.; *Allied Medical Professions*

²Amy Louise Esmond, Columbus;
Natural Resources

* Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics
¹ Also Bachelor of Science in Food Science,
College of Agriculture and Home Economics
² Also Bachelor of Science in Natural Resources,
College of Agriculture and Home Economics

William K. Fisher, Jr., Ironton;
B.S. (United States Military Academy);
Industrial and Systems Engineering

Sister Carol Ann Fleming, Erie, Pa.;
B.S.H.E. (Villa Maria College);
Allied Medical Professions

John Alfred Francis, Cuyahoga Falls;
B.S. (Kent State University);
Plant Pathology

Alejandro R. Garcia-Rivera,
Fort Thomas, Ky.;
B.S. (Miami University);
Electrical Engineering

Dan-Michael Georgescu,
Bucharest, Romania;
Diploma de Inginer (Technical Institute of
Bucharest); *Electrical Engineering*

Richard Lee Gerhart, Jr., Laureldale, Pa.;
B.S.C.E. (Lehigh University);
Civil Engineering

Alan Raymond Goff, Columbus;
B.A. (Otterbein College); *Computer and
Information Science*

Doris Armstrong Goldman, Toledo;
B.S. (Michigan State University);
Environmental Biology

Paula Jo Gonot, Bridgeport;
B.S.Nurs.; *Nursing*

Teresa Joanne Gonya, Lebanon, Pa.;
B.S. (Pennsylvania State University);
Physiology

William Todd Graeff, New Philadelphia;
B.A. (Otterbein College);
Natural Resources

Mary Margaret Pope Grattan,
Mechanicsburg, Pa.; B.S. (Saint Francis
College, Pennsylvania); Cert.PostBacc.
Phys.Ther.; *Allied Medical Professions*

Michael Alan Gray, Shelby;
B.S.; *Entomology*

Eric Dale Greer, Columbus;
B.S.E.E.; *Electrical Engineering*

Paul Groves, Malaga; B.A., M.A.;
Computer and Information Science

Dana Torrence Grow, Jamestown, N. Y.;
B.A. (State University of New York at
Binghamton); *Chemistry*

Susan Joan Hacker, Bloomington, Minn.;
B.S.Phys.Ther. (University of Minnesota);
Allied Medical Professions

Larry Pat Hageman, Youngstown;
B.A. (Bowling Green University);
Allied Medical Professions

Richard Lee Hall, Salesville;
B.A. (Bowling Green State University);
Entomology

Stephen Curry Hall, Columbus;
B.S.E.E.; *Electrical Engineering*

Richard Alan Hamersley, Newcomerstown;
B.S.E.E.; *Electrical Engineering*

Abduljaleel Yonan Hanood, Mosul, Iraq;
B.Sc. (Mosul University);
Agricultural Education

Dale Owen Harlan, Forest Park;
B.S.M.E.; *Mechanical Engineering*

Mary Louise Harper, Columbus;
B.S. Nurs. (Saint John College of
Cleveland); *Nursing*

Gary Glenn Hawisher, Lima;
B.S.E.E. (University of Cincinnati);
Electrical Engineering

Arthur Jeffery Hawking, Columbus;
B.S. (United States Military Academy);
Electrical Engineering

James Thomas Hickey, Columbus;
B.S.W.E.; *Welding Engineering*

David Wendell Higbea, Defiance;
B.S.Agr.; *Animal Science*

J. Michael Higgs, Wooster;
B.S. (West Virginia University);
Agricultural Education

Margilee Planton Hilson, Warren;
B.S.Ed.; *Home Economics*

Lawrence D. Howell, Jr., Newark;
B.S. (United States Air Force Academy);
Industrial and Systems Engineering

Barbara B. Hrapchak, Philadelphia, Pa.;
B.S. (University of Pennsylvania);
Allied Medical Professions

Michael Carl Huber, Ashland;
B.S. *Natural Resources*

Kevin Gregory Hunt, St. Clairsville;
B.S.C.E.; *Civil Engineering*

Fayez Mohamed Hyjazie, Tyre, Lebanon;
B.S.E.E.; *Electrical Engineering*

Ruth Ann Igel, Columbus;
B.S. (University of Dayton);
Home Economics

Abhaya Indrayan, Meerut, India;
B.S., M.S. (Meerut College); *Statistics*

Jing-Song Jang, Tainan, Taiwan;
B.S. (National Tsing Hua University);
M.S.; *Computer and Information Science*

Nancy Patricia Janssens, Dayton;
B.S.Nurs. (Wright State University);
Nursing

Lynn Antoinette Jere, Lorain;
B.S.Ed. (Bowling Green State University);
Home Economics

Billie Demetrius Johnson,
Los Angeles, Calif; B.S. (University of
California at Los Angeles); *Nursing*

Keith Byron Johnson, Mt. Prospect, Ill.;
B.A. (Northwestern University);
Computer and Information Science

Marian Stansbury Jones, Columbus;
B.A.; *Home Economics*

Laurie Elizabeth Kaps, Cincinnati;
B.S.Nurs.; *Nursing*

Martin Louis Kaps, Columbus;
B.S. (Ohio University); *Horticulture*

Peter John Karalis, Athens, Greece;
B.S.Ch.E. (North Carolina State
University); *Chemical Engineering*

Jeffrey Robert Kerr, McMurray, Pa.;
B.S. (Indiana University of Pennsylvania);
Environmental Biology

John Kettlewell, Dayton;
B.S.E.E. (Purdue University);
B.S.E.E. (United States Naval
Postgraduate School);
Electrical Engineering

William Edward Kibbey, Columbus;
B.S., M.D.; *Surgery*

Patrick Fraser King, Costa Mesa, Calif.;
B.S. (Boston College); *Chemistry*

Kathleen M. Kipp, Hillsboro;
B.S.Agr.; *Animal Science*

Judith Elaine Bom Kirkbride, Marietta;
B.S.C.I.S.; *Industrial and Systems
Engineering*

Larry Alan Kirkbride, Duncan Falls;
B.S.W.E.; *Welding Engineering*

Carolyn Bushman Kirsch, Portsmouth;
B.S.Nurs. (Syracuse University); *Nursing*

Darlene Joy Klohn, Sandusky;
R.N. (North Iowa Area Community
College); B.S.Nurs.; *Nursing*

Frederick Carl Knopf, Westerville;
B.S.Ch.E.; *Chemical Engineering*

Kevin James Kock, Cincinnati;
B.S.Met.E.; *Metallurgical Engineering*

Jonathan Patrick Krause, Columbus;
B.G.S. (Ohio University); *Computer and
Information Science*

William O. Lamp, Omaha, Neb.;
B.S. (University of Nebraska);
Entomology

John Milton Laurent, Racine, Wis.;
O.D.; *Physiological Optics*

Patti Elizabeth La Vigne, Genesee, N. Y.;
B.S. (Alfred University); *Nursing*

Alexander King Ping Lee,
North Point, Hong Kong;
B.S. (University of Wisconsin);
Computer and Information Science

Myung Soon Lee, Seoul, Korea;
B.S.Nurs. (Seoul National University);
Nursing

Joseph Bruce Lehmann,
New Rochelle, N. Y.;
B.S. (University of Notre Dame);
Physiology

Roy A. Levine, Harrison, N. Y.;
A.B. (Brandeis University); *Microbiology*

George E. Like, Minford;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*

Joseph Colman Loon, Kiryat Tivon, Israel;
B.Sc., M.Sc. (University of Cape Town,
South Africa); *Geodetic Science*

- Wing Chuen Lun, Hong Kong;
B.S.I.S.E.; *Industrial and Systems Engineering*
- Dwight Earl Lynn, Dresden;
B.S.Agr.; *Entomology*
- Thomas Jerry Mann, Cincinnati;
B.S. Food Tech.; *Animal Science*
- Emilio Domenico Marasco,
Mt. Vernon, N. Y.;
B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Joan B. Mattox, Worthington;
B.A. (Fresno State College);
Home Economics
- Jay B McAninch, Red Oak, Iowa;
B.S. (Iowa State University); *Zoology*
- John Forbes McAra, Columbus;
B.Sc. (Australian National University);
Computer and Information Science
- Delores Ann Hill McFarland, Columbus;
B.S. (Edgecliff College); *Home Economics*
- Bonita Arline McIntosh, Youngstown;
B.S., M.S.; *Computer and Information Science*
- Robert L. Meyer, Joliet, Ill.;
B.A. (Lewis College); *Metallurgical Engineering*
- Jeri Ann Boylan Milstead, Newark;
B.S.Nurs.; *Nursing*
- Sanjay Mittal, Gwalior, India;
B.Tech. (Indian Institute of Technology);
Computer and Information Science
- Catherine Lindemuth Morrison, Columbus;
B.S.Nurs.; *Nursing*
- Gaynor L. Nash, Kalamazoo, Mich.;
B.S. (Michigan Technological University);
Chemical Engineering
- Kwokei Jacob Ng, Macau, Hong Kong;
B.S. (California State University);
Biochemistry
- William Guy Novik, Marion;
B.S. (University of Dayton); *Statistics*
- Patricia Kane O'Keefe, Schenectady, N. Y.;
R.N. (Ellis Hospital School of Nursing);
B.S.Nurs. (Madonna College); *Nursing*
- James Dennis Ondeck, Columbus;
B.A. (State University of New York College at Cortland); *Natural Resources*
- John F. Oprea, Jr., Cleveland;
B.S. (Case Western Reserve University);
Mathematics
- Cameron Lee Orr, Columbus;
B.S.E.E.; *Electrical Engineering*
- Alboin Sunggul Pasaribu,
Medan, Indonesia;
Insinjur (University of North Sumatra);
Civil Engineering
- Richard D. Peindl, Pittsburgh, Pa.;
B.S.Eng. (Case Western Reserve University); *Engineering Mechanics*
- Philip Edward Pence, Dublin;
B.S.W.E.; *Welding Engineering*
- Wallace Troy Petrey, Wakeman;
B.S.; *Computer and Information Science*
- Harry Harold Porter, Columbus;
B.S.E.E.; *Electrical Engineering*
- Sister Mary Christine Pratt, St. Martin;
B.A. (College of Mount Saint Joseph on the Ohio); *Agricultural Economics and Rural Sociology*
- Carlos Felipe Ramirez G.,
Medellin, Colombia;
B.S. (Utah State University);
Electrical Engineering
- Shobha B. Reddy, Andhra Pradesh, India;
B.E. (Osmania University);
Electrical Engineering
- Laurence David Reed, Columbus;
B.A.A.E., M.S.; *Preventive Medicine*
- Timothy A. Reinhardt, Elyria;
B.S. Nutrition; *Dairy Science*
- John Lawrence Rhode, Wooster;
B.S.Ch.E.; *Chemical Engineering*
- Michael Lee Rhodes, Chardon;
B.S.; *Geology and Mineralogy*
- *Jane Ann Richards, Columbus;
Agricultural Economics and Rural Sociology
- Judy Lynn Roe-Dick, Columbus;
B.S.C.E.; *Civil Engineering*
- Nancy McCracken Rowe, Columbus;
B.S.Nurs. (University of Cincinnati);
Nursing
- Orchorn Rusmeehatthakarn,
Pasicharden, Thailand;
B.S. (University of Utah);
Industrial and Systems Engineering
- Janice Mae Ryan, Reynoldsburg;
B.S.Nurs.; *Nursing*
- David Jerome Rypka, Owatonna, Minn.;
B.A. (Saint Olaf College); *Computer and Information Science*
- Shay Schechter, Haifa, Israel;
B.S. (Long Island University);
Agricultural Economics and Rural Sociology
- David L. Scheuer, Salisbury, Md.;
B.S. (Salisbury State College);
Computer and Information Science
- Sidney Schipper, Brooklyn, N. Y.;
B.A. (New York University); *Mathematics*
- Mary Ellen Scott, Centerville;
B.S.; *Computer and Information Science*
- Daryl Bruce Seckman, East Liverpool;
B.S. (Grove City College); *Civil Engineering*
- Ramesh Sharda, Columbus;
B.Agr.Engr. (University of Udaipur);
Agricultural Engineering
- Chin-Chue Shi, Taiwan, Republic of China;
B.Sc. (National Taiwan Normal University); *Physics*
- Ruth Ometer Shrook, Worthington;
B.S.Ed.; *Home Economics*
- Harry Eugene Smith, Jr., Gahanna;
B.S.; *Mathematics*
- Thamotharam Somasekaram,
Jaffna, Sri Lanka;
B.S. (University of Ceylon); *Geodetic Science*
- Evelyn Chipman Spencer,
Fort Lauderdale, Fla.;
B.A. (Eastern Washington State College);
Pathology
- Judith Grant Stang, Dublin;
B.S. (Iowa State College); *Home Economics*
- William C. Stearn, Hendersonville, N. C.;
B.S. (Western Kentucky University);
B.S.Agr.; *Agronomy*
- Catherine J. Stephens, Columbus;
B.S.All'd.Hlth.Prof.; *Pathology*
- *Luan Wagner Stewart, Vandalia;
Home Economics
- Mary Kathryn Stroh, Circleville;
B.A., M.A. (Pennsylvania State University); *Home Economics*
- Husna Binti Sulaiman, Alor Star, Malaysia;
B.S. (Louisiana State University);
Home Economics
- Robert L. Sutton, Williamsburg;
B.S.Agr.; *Agricultural Education*
- John Fredrick Sykes, Oswego, N. Y.;
B.S.Met.E.; *Metallurgical Engineering*
- Gabriel Tannenbaum, Haifa, Israel;
Electrical Engineering
- David Bryan Taylor,
Braddock Heights, Md.;
B.S. (Bucknell University); *Chemistry*
- Yanpyng Albert Teng,
Taiwan, Republic of China;
B.Sc. (National Cheng Kung University);
Computer and Information Science
- Larry Ralph Thomas, Rock Island, Ill.;
B.M.E. (General Motors Institute);
Engineering Mechanics
- Pravit Tulyathan, Bangkok, Thailand;
B.E.E. (Georgia Institute of Technology);
Electrical Engineering
- James Davis Veale, East Liverpool;
B.S.E.E., B.S.C.I.S.; *Electrical Engineering*
- Anthony Chibong Wan, Hong Kong;
B.S. (Iowa State University of Science and Technology); *Computer and Information Science*
- Ying Wang, Taiwan, China;
B.S. (National Chung-Hsing University);
Chemistry

* Also Bachelor of Science in Agriculture.
College of Agriculture and Home Economics.
* Also Bachelor of Science in Home Economics.
College of Agriculture and Home Economics

Karen Joy Warren, Huntsville, Ala.;
B.S.Nurs. (Andrews University);
Nursing

Jon Adrian Webb, Tampa, Fla.;
B.A. (University of South Florida);
Computer and Information Science

Gary Arthur Welch, Tulsa, Okla.;
B.S.Met.E.; *Metallurgical Engineering*

Karen Melanie Wells, Cincinnati;
B.S. (Oakwood College); *Home Economics*

Vicki Floyd Wolfe, Norton;
B.S.Ed. (Bowling Green State University);
Home Economics

Shyue-Bin Wu, Taipei, Taiwan;
B.S.E. (National Cheng Kung University);
Computer and Information Science

Chieh-Yi J. Yen, Taipei, Taiwan;
B.S. (Fu-Jen Catholic University);
Physics

Master of Social Work

Five candidates

Kathleen Ann Hanners, Butler, Pa.;
B.A. (Capital University); M.A.;
Social Work

Susan Mobley Martin, Rochester, N. Y.;
B.S.Soc.Wel., M.A.; *Social Work*

John Michael Seelig, Columbus;
B.S., M.A.; *Social Work*

Michael Emerson Swingle, Zanesville;
A.B. (Ohio University); M.A.;
Social Work

Cornelius Williams, Jr.,
Newport News, Va.;
B.A. (Ohio University); M.A.;
Social Work

Colleges of the Arts and Sciences

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

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 Mathematics and Physical Sciences

College of Social and Behavioral Sciences

College of The Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Ten candidates

Carolyn Siemon Ament, Mansfield
Christine Ann Cobb, Pleasant Beach, N. J.
Bruce Stephen Jaffe, Shaker Heights
Karen Louise Jansen, Cincinnati
Elizabeth Kay Mase, Columbus
Paul Stephen Maue, Cincinnati
Stanley Earl McIlvaine, New Philadelphia
B.A.Jour.
George William McIntyre, II, Daleville, Ind.
Mark Reed Meidola, Rochester, N. Y. ;
Gerald Allen Miller, Columbus

Bachelor of Fine Arts

Twelve candidates

Dianne Marie Decaminada, Columbus
Monty Ervin Fluty, Columbus
Nigel L. Jennings, Charleston, W. Va.
Roger Earl McLane, Marengo
Susan Lynn Meece, Middletown
Dewey Theodore Mitchell, III, Columbus
Karen Lynn Molesky, Steubenville
Lisa Elnora Morrett, Columbus
Mary Suzanne Shaner, Columbus
Jay Philip Shlachter, Beachwood
Wayne Alan Stevens, Fairview Park
Linda E. Young, Columbus

Bachelor of Music

Three candidates

Anita Arnez Berry, Columbus
Debra Ann Crampton, Clear Lake, Ind.
Gregory David Luckhaupt, Worthington.

Bachelor of Art Education

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

Eight candidates

Kathleen Mary Belt, Utica
Della Grace Cooper, Columbus
Elizabeth Moore Cox, Columbus
Claudine Marie D'Amore, Brookfield
Diana Sue Domoslay, Cleveland
Ellen Marjorie Gaden, Toledo
Deborah Ann Ray, Columbus
Therese Marie Wolary, Wilmington

Bachelor of Music Education

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

Fourteen candidates

Linda Sue Curry, Grove City
Jayne Shoots Davis, Worthington
Michelle Louise Franz, Fairview Park
David William Gordon, Lyndhurst
Dale Lee Hildreth, Bellevue
David Franklin Jackson, Columbus
Gregory David Luckhaupt, Worthington
Sandra Fair Rule, Mansfield
Jeffrey Wallace Schneider, Columbus
Loretta Perlito Shaffer, Columbus
Deborah Ruth Smith, Sugarcreek
Mary Ellen Strasek, Rocky River
Charlotte Ann Sweeney, Kettering
Randal Clark Young, Cincinnati

Bachelor of Science in Industrial Design

Four candidates

Ted William Bailey, New Lexington
Francis Xavier Ritchey, Columbus
Doris Lee Rivers, Atlanta, Ga.
Robert Merrill Woolf, Cincinnati

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

One candidate

Joseph Emanuel Higginbotham, III,
Granville

Bachelor of Science

Forty-five candidates

Robert Randy Alexander, Mansfield
Daniel Robert Bartok, Adena
Royal Charles Bonner, Columbus
Christopher George Canalos, Lorain
John Edward Compton, II, Findlay
Stuart Leigh Daniels, Columbus
Mary Ann Decker, Piqua
Susan J. Diehl, Columbus
Alfred Joseph Dolce, Sandusky
Mark S. Draher, Worthington
Deborah Lee Dull, Martins Ferry
Patrick Joseph Elder, Columbus
Robert Emerson Feiss, Shaker Heights
Michael John-Fischer, Akron
Linda Denise Gillam, Northfield
Scott Michael Goodman, Kettering
Mindy Fine Hastie, Cincinnati
James Michael Hopkins, Newark
Ralph Edward Hubner, Jr., Columbus
David Andrew Hyre, Powell
Theresa Marie Karpinecz,
Sommerville, N. J.
David Kenneth King, Youngstown
Ann Marie Korbas, Shelby
Elizabeth Diane Lawless, Columbus
Edith Durrett Ledbetter, Columbus
John Thomas Minahan, Bellefontaine
Wade Thomas Proudley, Newark
David Allen Ralph, Canton
Alan Keith Richards, Columbus
Neil William Richards, North Canton
Barbara Susan Rickards, Cleveland
Robert Miller Rosenblum, Shaker Heights
Sarah Louise Ross, Columbus
Stephen George Rykowski, Martins Ferry
Neil Fred Salzgeber, Cleveland
Douglas Edward Severns, Prospect
Rhonda Marie Stallings, Moreland Hills
Micaela Marie Stratton, Canton
James Lee Tehan, Toledo
Cathy Louise Thaw, Marion
Robert Alex Vlasik, Cleveland
Linda Marie Warschauer, Columbus
Martin S. Wiesenthal, University Heights
Timothy Les Wigal, Wadsworth
David Lynn Wuest, South Euclid

1 Also Bachelor of Music Education, College of Education

2 Also Bachelor of Music, Colleges of the Arts and Sciences

3 Also Bachelor of Science in Education, College of Education

College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

Fifty-six candidates

Jana Ruth Alverson, Columbus
Robert Aronson, Westerville
Dixie F. Bartels, Bellevue
Betsy Jennifer Beck, Clifton
Franklin Horne Beck, Jr., Columbus
Mary Teresa Bernard, Columbus
Dorinda Lynne Bonhard, Mt. Cory
Thomas Joseph Boyce, Columbus
Elizabeth Irene Brauer, Columbus
Barbara Jo Brockmeyer, Hilliard
Raymond David Brown, Jr., Zanesville
Michael Lawrence Burns, Painesville
Julie Anne Carroll, Delaware
Catherine Marie Chiles, Waynesfield
Miriam C. Collins, Berea
Jamie Jo Corkwell, Columbus
Richard Della Rovere, Riverdale, N. J.
Karen Rachael Farrell, Youngwood, Pa.
Stephen Michael Felber, University Heights
Marcia Anne Foreman, Toledo
Howard Burt Graves, Columbus
Steven Lowell Gray, Sunbury
Alan Richard Guiducci, Warren
Kenneth Gene Haertling, Jr., Westerville
Susan Elizabeth Hamilton, Springfield
James Franklin Hannah, Jr., Columbus
James Wil Himsworth, Worthington
John Louis Hofmeister, Massillon
Mary Jo Hood, Xenia
Leon Jones, Cincinnati
George Michael Kirkman, Phillipsburg
Ernest Frank Krysty, Willoughby
Marianne Ellen LaRocco, Parma
Donald Lee Lawson, Jr., Westerville
Karen Cruze Martin, Lancaster
Michael David McMillan, Freeport
David Lee Mumaw, Dalton
Jeffrey Thomas Musille, Mansfield
Jamie Montague Myers, Bucyrus
Daniel Allen Nicolosi, Marion
Susan Ohmer, Cincinnati
James William Peters, Zanesville
William G. Platz, Columbus
William Michael Pressman, Flushing, N. Y.
Phyllis Marie Pryor, Cincinnati
Jeanne Good Rubenson, Columbus
Jeffrey Alan Schaeper, Pickerington
Michael Dean Schaffer, Gahanna
*Edda Niebel Schurter, Columbus
David Howard Slutsky, Canton
Peter Forrest Smith, Schoharie, N. Y.
Susan Stein, Columbus
Wendy Jo Todd, Columbus
Jane Long Trask, Navarre
James Raymond Wade, Newark
Mattie Lorraine Wakefield, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Five candidates

Robert L. Biely, West Union
Matthew Douglas Deming, Columbus
Mark Allen Moody, Newark
Said Sabbah, Beirut, Lebanon
Donald E. Wirth, Columbus

Bachelor of Science

Fifteen candidates

Dennis Michael Anderson, Mentor
Donald John Cooke, Euclid
Michael James Gallagher, Walton Hills
Antonio Augusto Garabis, Columbus
B.Sci. (Universidad de Puerto Rico)
Warren John Goehring, Lorain
Laurie Jean Kirsch, Brookfield
James Edward Malone, III, Lexington, Ky.
David Bruce Marschinke, Alliance
Peter Scott McDaniel, Circleville
Stephen Ignatius Miller, Ottawa
Roma Jean Pack, Carroll
Robert Edward Perkins, Cleveland
David E. Stahl, Glouster
Stephen Harold Van Duinen, Reynoldsburg
Lewis Lane Van Meter, Gahanna

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and thirteen candidates

John B. Alexander, Lima
Robert Vincent Allen, Erie, Pa.
Dennis Michael Aquila, Powell
Robert Joseph Ariss, II, Columbus
D. Joseph Bachtel, Columbus
Arthur Allen Baker, Columbus
Stephen John Behre, Columbus
Stephanie L. Blevins, Columbus
Joel Bokerman, Napoleon
Robert Eugene Bonner, Columbus
Katalin Czuba Bowman, Columbus
Joanne Elizabeth Boyle, Columbus
Jeffrey Peter Brake, Milford Center
Nancie Ellen Buckley, Gahanna
Michael D. Burgoon, Elida
David Eugene Calhoun, Newark
Paul Laquenze Cargile, Toledo

Charles R. Castel, Columbus
John Frederick Cheffy, Middletown
Thomas Huntington Chipman, Jr., Columbus
Darryl Florence Church, Collins
Sharon Elaine Chuvallas, New Lexington
James Harold Comber, Cleveland Heights
Carla Jodelle Craig, Columbus
Richard G. Cunningham, III, Braddock, Pa.
Raymond William Darrell, Akron
Paul Alfred Davidson, Cuyahoga Falls
Robert Alan Davis, Columbus
Stephen Patrick Debitetto, Columbus
Patricia A. DeMont, Columbus
John A. DeVita, II, Lima
Stephanie Miles DeVries, Columbus
Jane Claire Dewald, Columbus
Ingrid Lemp Dixon, Columbus
Raymond G. Doherty, Columbus
Janet Eileen Edley, Woodstock
Karen Alice Ehlers, Columbus
William Alfred Eller, Columbus
Joyce Ann Feinstein, Columbus
Linda Sue Ferrell, Hilliard
John Edward Foley, Decatur, Ill.
Tom Frederich Gastrich, Carroll
Walter James Gordon, Cleveland
Philip David Grant, Delaware
Milan Kenneth Gregory, Annandale, Va.
Katherine Anne Harper, Worthington
Mark Allen Hatter, Cincinnati
David Hecht, Columbus
John Stephen Heintz, Columbus
Frank John Hirsch, Cleveland Heights
Edwin John Hollern, Columbus
Christopher Clark Hunt, Columbus
James Edward Hunt, Loudonville
Holly Ann Jackson, Willowick
Earlene M. Jeffries, Columbus
Judith Margaret Johnson, Columbus
Michael Kalus, University Heights
Sharon Lee Kindness, Hamilton
Kevin McClain Koppert, Columbus
Barbara Ann Leming, Acton, Mass.
Donald Bruce Levack, Mansfield
Kenneth Edward Lloyd, Columbus
Meldaine Lee Mahaffey, Columbus
Nancy Reed Makuley, Breckville
Winifred Edgar Manning, Proctorville
Patricia O'Day Marsh, Columbus
Don Allen Mathis, Paducah, Ky.
Beverly McKinley, Westerville
Patrick J. Meers, Worthington
Gail Marie Mitter, Parma
Charley Edward Mitchell, Cleveland
Jennifer Zufall Moore, Columbus
Clifford Lyle Morris, Hillsboro
John Patrick Murphy, Marion
Lynn Neuschwander, Worthington
Vickie Sue Newman, Columbus
Jill Johnson Ortlip, Columbus
Avis R. Osborne, Canfield
William John Owen, II, Galloway
George Andrew Painter, Columbus
Brian Percival, Kettering
David Sheldon Phillips, II, Bay Village
Maryann M. Pietrzyk, North Royalton
Charles Keith Plummer, Xenia

* Also Bachelor of Science in Education,
College of Education
* Also Master of Arts, Graduate School

Russell William Queen, Poland
 Timothy Jay Quinlan, Canton
 Glenice Carol Roberts, Dublin
 Michelle Collette Robinson, Paulding
 Kenneth E. Rogiers, Findlay
 Suzanne S. Ross, Columbus
 Robert Kennedy Roth, Delaware
 Phyllis Osman Ryle, Columbus
 William James Sandercock, Fairview Park
 John Allen Saul, Bay Village
 Fern Schneiderman, Columbus
 Richard Allen Schucker, Columbus
 Allan M. Sherman, Mansfield
 Lynda Ann Smardgeff, Mansfield
 Philip Hunt Smith, Galloway
 Constance E. Sortman, Centerville
 Margaret Lois Fiske Steinberg,
 Chevy Chase, Md.
 Margaret Stroup, Dayton
 Rodney Robert Swartz, Canton
 Linda Lee Swindle, Columbus
 Clifton Lee Timbrook, Columbus
 Janis Fern Wacksman, Cincinnati
 David Bradley Walker,
 Bradford, Ont., Canada
 Stephen Paul Wenzler, Toledo
 Michael James Wicks, Columbus
 Jan Louise Willbarger, Columbus
 C. Cornell Wilson, Cleveland
 Wendy Wonnell, Columbus
 Maxine Theresa Young, Columbus

Pamela West Gridley, Dayton
 Richard Joseph Hatem, Columbus
 Becky Lynn Hrabovsky, Oregon
 Ronald Nelson Ishoy, Detroit, Mich.
 Richard Robert Jonas, Whitehall
 Nancy Louise Kaumeyer, Columbus
 Norma Jean Koutz, Columbus
 Maryann Kozich, Euclid
 Michele Francis Kuhar, Youngstown
 James H. Lukens, Columbus
 Carol Ann Malits, Grove City
 Robbie Clark McGraw, Dayton
 John William Mectomy, Jr., Columbus
 B.A.

Judy Ellen Muffs, Providence, R. I.
 Victoria Ann Ogrden, Sandusky
 Michele Ann Orzano, Columbus
 Margaret Parker, Pittsburgh, Pa.
 Kathleen Marie Riell, Cincinnati
 Janet Kay Schlosser, Bryan
 Jill Ellen Siegelman, Cincinnati
 Gregory Allan Sours, Fremont
 Steven Joseph Spina, London
 Thomas Suddes, Youngstown
 Douglas Wayne Titchenal, Columbus
 Robert Bruce Titus, Pomeroy
 Ann Elizabeth Tomlinson, Columbus
 Deborah Burstion Wade, Columbus
 Karen P. Wallhermfetel, Columbus

Robert Heywood Cowan, Dayton
 Martin Ross Creasap, Columbus
 John Williams Cross, Delaware
 Brian John Davie, Grove City
 Keith Allan Davis, Piqua
 Dennis John Dawe, Wooster
 Philip Anthony Dietrick, New Bavaria
 Kevin Andrew Dougherty, Worthington
 Lee Daniel Dudinsky, New Stanton, Pa.
 Joyce Ann Dulin, Kenton
 Robert Darryl Dunlap, Coshocton
 Greta Lee Ehlerding, Port William
 Mark Edwin Erickson, Columbus
 William Nikolaos Eschleman, Jr., Columbus
 Glen David Farley, Columbus
 Charles Larry Fernandez,
 Clarksburg, W. Va.
 Steven Walter Frey, Van Wert
 Stanley Mark Friend, Cincinnati
 Ada Garcia-Abascal, Mexico, D. F., Mexico
 Thomas Allen Garner, Columbus
 John David Gauron, East Liverpool
 Fred Zurmehly Gearhart, Circleville
 Robert William Geis, III, Toledo
 Diana Warner Goodwin, Columbus
 Daryl Lee Gorenflo, Marion
 Christopher Gramlich, Columbus
 Cathryn Louise Grammer, Beloit
 William Roland Groom, Sandusky
 Stephen Glenn Guthrie, Menasha, Wis.
 William Allen Haakinson, New Philadelphia
 Frederick Vincent Handley, Columbus
 Timothy Emmett Hickey, Columbus
 Michael Farrel Hill, South Euclid
 Kathryn Elaine Holman, Columbus
 Joanne Lynn Horwood, Conneaut
 Ricky Ray Houze, Dover
 Richard Anthony Huber, Jr.,
 South Charleston, W. Va.
 Johnne Harrison Hunt, Newark
 Wayne Earl Johnson, Westerville
 Garry Edward Jones, Dayton
 Rodger Donovan James, Columbus
 Terry Lee Jones, Columbus
 Marilyn Allison Judd, Westerville
 Matthew Hanley Kallman, Cincinnati
 Ronald Allen Kaye, Beachwood
 John William Kessler, Jr., Centerville
 David Klehinski, Mansfield
 Richard Edward Klauk, Worthington
 Dale Edward Knuss, Euclid
 Susan Catherine Kostoff, Columbus
 Lawrence Steven Kutsch, Mansfield
 Patrick James Lally, Enon
 Carla Jeanne Larrick, Columbus
 John Craig Lehmkuhl, Springfield
 Kathleen Leonard, Dayton
 Anthony Nyles Lewis, Worthington
 Brian Clarke Lewis, Cincinnati
 Michael Louis Licausa, Akron
 John Edward Linstedt, Cardington
 Kim Edward Little, Columbus
 Gregory Charles Lizanich, Phoenix, Ariz.
 Andrea B. Lowman, Columbus
 Linda Ann Lucas, Mansfield
 Timothy John Mahoney, Ashtabula
 Tennyson Charles Martin, Wilmington
 Timothy Edward Martinson, Chesterland
 Barbara Ann Mason, Columbus

Bachelor of Science

Nineteen candidates

John Milan Boich, Mansfield
 Charles O. Boosinger, Youngstown
 Charles Gerard Brugh, Hagerstown, Md.
 Stephen Randolph Cabot, Coshocton
 Kathryn Victoria Collins, Chocasset, Mass.
 Numan Gurhan Dogangun, Columbus
 Wilna Elaine Duffey, Cambridge
 Gordon Albert Frost, Fremont
 Larry Allen Hookway, East Canton
 Barbara P. Meyers, Columbus
 Rodney Allen Mount, Newark
 Robert Daniel Quinn, Columbus
 Terrence Neal Reeves, Columbus
 Keith Conrad Richenbacher, Hudson
 Thomas A. Scheuermann, Willoughby
 Deborah Schmidt, Dover, Del.
 Steven A. Solomon, Columbus
 Johnny Joe Stone, Portsmouth
 John L. Tripp, Piqua

Bachelor of Arts in Journalism

Thirty-five candidates

Stephen Anthony Catanese,
 West Roxbury, Mass.
 Arzia Babette Collins, Chicago, Ill.
 Celia Alice Daniels, Chicago, Ill.
 Thomas David Dickson, Westerville
 Lynn Ellen Engelhardt, Dayton
 Diana Lee Gorr, Amherst
 Lori Beth Greenberg, New York, N. Y.

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and forty-six candidates

Cheryl Lynn Alford, Dayton
 Michael Bryant Anthony, Columbus
 Douglas Joseph Armstrong, Columbus
 Lawrence Alan Bame, Columbus
 Timothy Joseph Barry, Columbus
 Bruce Allen Baumhires, Columbus
 Bruce Burton Bears, Toledo
 Guy William Bengel, Kettering
 Robert Lewis Berger, Columbus
 Clinton Adrian Betleski, Lorain
 David Chester Bianconi, Bridgeport
 Thomas William Bibb, Milan
 Douglas Richard Blackburn, Steubenville
 B.A.
 Robert Edward Bradley, Columbus
 Lawrence Jay Brooks, Columbus
 Donald Steven Bruskotter, Denver, Colo.
 James Michael Butts, Delaware
 Jeffrey Lynn Cameron, Hillsboro
 Fredrick Ray Cavendish, Gahanna
 Barbara Beth Clark, Chardon
 Roderick Joseph Clark, Harrod
 Richard David Clowson, Columbus
 Michael Anthony Coccia, Columbus
 Raymond Eugene Cochran, Mansfield
 William Davis Comisford, Jr., Newark
 James William Cooper, Granville
 Ben Leslie Corcoran, Columbus

John Gary Matchison, Lorain
B.A.
Dana Matthew Mazor, Enon
Scott Collins McDavid, Galion
Joseph Albert Mehling, Fremont
Francis Xavier Meyer, III,
Fort Lauderdale, Fla.

Jerry Mack Miles, Columbus
Lynne Mary Millberg, Ashtabula
Gary Allen Moberly, Columbus
Mark Eugene Monahan, Ashland
J. Kenneth Moore, Reynoldsburg
Carl Aubrey Mulberry, Columbus
Thomas Edward Murphy, Columbus
John Richard Nagle, Marion
Gregory Allan Nelson, Shelby
Theresa Evangeline Potter, Columbus
William Blair Pride, Columbus
Douglas William Priest, Newark
David Robert Quist, Worthington
Gerald Richard Rein, Cincinnati
Rebecca Reline, Bridgeport
William Theodore Remlinger, Delphos
David Clifford Robinson, Ridgeway
Sara Jane Robson, East Liberty
Jovan Ka Roslovic, Columbus
Raymond Saggio, Westerville
Lloyd Oberlin Shawber, Jr., Mansfield
Michael Richard Shurt, Groveport
Gregory Lee Spatz, North Canton
William Randall Sprout, Zanesville
Cynthia Lynn Starkand, Woodmere, N. Y.
James Charles Steadman, Norwalk, Conn.
James Vern Steiger, Solon
Jay Mitchel Steuer, Columbus
David Clifton Stone, Columbus
Vincent Straughter, Columbus
Dale Bruce Strickling, Columbus
Gordon Ray Struble, Carroll
Jeffrey Louis Sver, Columbus
Roger Steven Talmage, Rocky River
Joseph David Taxter, Jr., Columbus
Mary Kathleen Telban, Cleveland
Stephen Porter Tharp, Cincinnati
Stephen Walter Thompson, Arlington, Va.
Richard Eugene Townsend, Jr., Columbus
Mark Lynn Wabschall, North Canton
John Mitchell White, Fairfax, Va.
John Powell Wilkerson, Jr., Vermilion
Paul Francis Williams, Jr., Mansfield
Stephen Lee Wilson, Columbus
James Bryon Wootton, Columbus
Thomas Gillespie Wright, Middletown
John William Youngston, Fostoria

Bachelor of Science in Labor and Human Resources

One candidate

Albertus Jacobus Veenstra, Johnstown

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Eighty candidates

Ronette Sue Anderson, Grove City
Michael Raymond Barry, Elyria
Ned Naden Basinger, Pandora
*Thomas Lee Benecke, Napoleon
Peggy Hankey Bennett, Chillicothe
Judith Lynn Bosma, South Euclid
Francis Christian Boyer, Columbus
B.A.
David Charles Brenner, Sunbury
Rimas Cecys, Mentor
B.A. (Cleveland State University)
Martha Eileen Childers, Gallipolis
Benjamin Cohen, Columbus
D.D.S.

Rebecca Leppert Coleman, Dublin
Douglas William Cross, Akron
Jill Ann Cunningham, Snyder, N. Y.
Richard Lewis Davis, Clarksville
Allan Paul DeLoye, Houston
Alan Horton Dempsey, Oak Hill
Randall Alan Diekmeyer, Milford
John M. Dolan, Chesterland
Michael Walter Droba, Warren
Janet Violet Egnaczewski, Rahway, N. J.
Kathleen Wise Elder, Akron
Daniel Lee Erwin, Richwood
Paul David Fairchild, Columbus
Ronald James Fantozzi, Eastlake
Thomas Loren Gale, Cuyahoga Falls
Max Franklin Garmon, Dola
Anthony Walter Grapevine, Wilmington
Craig Edward Grazak, Strongsville
Robyn Lisa Grindell, Richwood
Nancy Marie Grzenda, Elyria
John Robert Hammond, Yellow Springs
Joel Andrew Helms, Clinton
Ann Elizabeth Henry, Columbus
Melodie Lee Hill, Granville
William Alan Johnson, Columbus
Bede Katarikawe Kelly, Mbarara, Uganda
Steven Kern, Kutztown, Pa.
John Walter King, Fremont
Rebecca Sue King, West Liberty
David Donald Kobelt, Westfield Center
Brian Scott Kraushar, Cincinnati
Edward Scott Lake, Hamilton
Keith Gordon Less, Holland
Jerry Alan Leuch, North Olmsted
Joseph Frank Machevski, Bowling Green
Dan Peter Marshall, Columbus
B.S.Ed.
Frank Jeffrey Mastandrea, Mansfield
Patrick Colin Meredith, Lyndhurst
John Ray Miller, Toledo
Philip Daniel Moore, Cincinnati
Douglas Arthur Murrey, Zanesville
David Jon Oleksa, McDonald
Gary Ralph Park, Stow
Yurg Walter Peter, Kidron

Tyrone Joel Quinn, Columbus
*Jane Ann Richards, Columbus
Morgan Wayne Rodehorst, Mentor
William David Rogers, Grove City
Earle Mark Rogoff, Shaker Heights
Douglas Brent Ross, Columbus
Mark Davis Sandridge, Lodi
Carol Ann Schottelkotte, Cincinnati
Jeffrey Chase Schwartz, Galena
Michael William Sekula, Warren
John Wayne Seymour, Canal Winchester
Michael David Sheets, Massillon
James Daniel Simon, East Palestine
Gary Michael Slaybaugh, Ashtabula
Christine Lynne Snyder, Columbus
Roderick Eugene Stanforth, Wilmington
David Gregory Starner, Marion
Ronald James Tangeman, New Bremen
Timothy Neale Tomesek, Columbus
Jed Alan Tyler, Columbus
Stephen Boyd Vanzant, New Paris
Daniel J. Wagner, Kenton
David Boyd Webber, Mt. Sterling
Cynthia Rebecca-Jo Winget, Columbus
Terrence Lee Wirginis, Cheswick, Pa.

Bachelor of Science in Food Science

Four candidates

*Cynthia Delores Blaser, Columbus
Bruce James Meyers, Westerville
Samuel B. H. Ogubi, Lake Victoria, Uganda
James Robert Powell, Warren

Bachelor of Science in Food Technology

Two candidates

Barbara Anne Abend, Parma
Abel Tola Abovade,
Sepeteria, Western Nigeria

Bachelor of Science in Nutrition

Three candidates

Donald Lee Hart, Kettering
Hillary Eileen Kaufman, Cleveland
Anne Elizabeth Maczulak, Watchung, N. J.

School of Home Economics

Bachelor of Science in Home Economics

Fifty-two candidates

Charlotte E. Sims Anderson, Columbus
Cheryl Ann Baird, Zanesville
Judith Platt Baker, Worthington
Judith Ann Bardwell, Columbus
Diane Kay Baum, Delta
Lisa Kay Bauman, Worthington
Charlotta Rebecca Beis, Columbus
Carolyn Ann Bouillon, New Riegel
Candace Lynn Buckley, Dayton

* Also Master of Science, Graduate School

Randi Lee Capoccia, Columbus
Barbara Ann Caskey, Pompano Beach, Fla.
Jill Ann Chapman, Venetia, Pa.
Nancy Smith Cline, Rockbridge
Jacquelyn Marie Connell, Columbus
Marilyn Ruth Crown, Dresden
Brenda Diane Daniel, Dayton
Christy G. Diebel, Carroll
Julie Ann Downey, Cleveland Heights
Marla Kim English, Columbus
Carol Lenore Ewing, Cambridge
Lucita Raynae Ferris, Columbus
Beverly Sue Gyure, Columbus
Diane Jayne Haignere, Worthington
Beverly A. Henry, Canfield
Heather Margaret Hephner, Maple Heights
Kathleen Mary Hill, Worthington
Jan Elizabeth Hinig, Columbus
Karen Anne Isaley, South Euclid
Corina Denise Kessis, Columbus
Marina Debra Kessis, Columbus
Kathleen Ann Kobilarcsik, Wooster
Linda A. Kochert, Mansfield
Catherine Kovacs, Lakewood
Jane Marie Kulinski, Berea
Bette Ann Lynch, Columbus
Leslie Ann McCutcheon Canfield
Janet Eleanor Miller, Spring Valley
Kathleen Morrison, Columbus
Shelley Ann Obermiller, Milan
Debora Elizabeth Krekler Osborn,
Wilmington
Lizette Marie Perone, Columbus
Shelley Morreen Schunk, Cincinnati
Angela Ruth Smith, Columbus
Joyce Ann Smith, Stoutsville
Karen Snow, Columbus
Meriden Stevens, Fairview Park
*Luan Wagner Stewart, Vandalia
Sara Ann Stofer, Kettering
Marsha Jean Tidrick, Coshocton
Susan Elizabeth Van Bourgondien,
Springfield
Viola Antoinette Walker, Columbus
Elizabeth Mitchell Wilcox, North Canton

Bachelor of Science in Restaurant Management

Three candidates

Gretchen Ann Dygert, Lima
Douglas Wilson Skelley, Macedonia
Bruce Douglas Wilson, Akron

School of Natural Resources

Bachelor of Science in Natural Resources

Forty-eight candidates

Bruce Eugene Baker, Waldo
Walter Charles Bell, Jr., Greenfield
Everett Gideon Bishop, Hi-Nella, N. J.
Donald Louis Bogotay, Euclid
James Joseph Breitenbach, Cincinnati
James Jeffrey Brower, St. Paris

David Francis Brugger, Springfield
James Jarrett Buckley, Columbus
Michael Anthony Budnie, Canton
Brent Arthur Culver, Sunbury
Robin Elaine Cunningham, Fremont
Scott Reid Denis, Columbus
Elizabeth Jane Ellis, Columbus
*Amy Louise Esmond, Columbus
Kevin Curran Foley, Alexandria, Va.
Charles Robert Glover, Portsmouth
Steven Alan Grimm, Reynoldsburg
Beverly Ann Groves, Lancaster
Michael Robert Hilborn, Painesville
William Larry Hines, Thornville
William Joseph Hoffmann, Columbus
Kathie Ann Hoppe Holbrook, Columbus
Timothy Ike Ingram, Toronto
Stephen Kennedy Johnston, Cincinnati
Kathy Lynne Kasper, Cleveland
Katherine Inez Kircher, Worthington
Michael Douglas Mefferd, Worthington
Charles Fredrick Millen, Jr., Columbus
James Theodore Morrow, Hide-A-Way Hills
James Edward Mulder, Greenville
Terry Arthur Neal, Oberlin
Martha Jean Nelson, Parma Heights
Mark Joseph Newlin, Columbus
Russell Lewis Pensiero, Sandusky
Rebecca Weiser Reber, Granville
Michael James Riehle, Cincinnati
Lawrence Anthony Schmitz, North Olmsted
Gregory Carl Seymour, Ashtabula
Steven Eugene Shane, Columbus
Adriana Rossella Stefanini,
Warrensville Heights
Joseph Henry Sutliff, Columbus
James Steven Szorady, South Euclid
John Albert Veverka, Mansfield
Gregory Eugene Weir, Columbus
Denny Lee Wilson, Columbus
John Francis Wolary, Wilmington
Allen Adams Woodward,
North Grosvenordale, Conn.
Charles Robert Wurth, Columbus Grove

Agricultural Technical Institute—Wooster

Associate in Applied Science

Eighteen candidates

Kathleen Marie Beachler, Columbus
Keith Edward Chamberlin, Ashland
John William Constantine, Jr., Richfield
Richard Anthony Duta, Brooklynn
Frank Andrew Fox, Doylestown
Gregory Dane Garman, Danville
Lisabeth Ann Kempisty, Northfield
Karen Lee Laughlin, Bryan
Debbie Faye Lentz, Sandusky
Anthony Phillip Leone, Poland
Elizabeth Ann Miller, Republic
William Mark Moore, Cuyahoga Falls
Paul Michael Pfenniger, Greenhills

Kathleen Marie Roadruck, Coshocton
Thomas Edward Schmidt, Vermilion
William Don Stacy, Marietta
Lillian May Vitale, Chagrin Falls
Linette Ruth Wise, Lakeville

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

One candidate

Benedict M. DunLany, Youngstown
B.Mgt.E. (Rensselaer Polytechnic
Institute, New York)

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and fifty-seven candidates

Terry Lee Adams, Columbus
Margey Williams Alger, Elida
Susan Marie Allison, New Lexington
Cert.Grad.Dent.Hyg.
June Woolsey Anderson, Grove City
Patricia Eileen Ankrum, Circleville
Patrice Ellen Arnstine, University Heights
Cert.Grad.Dent.Hyg.
Cathy Lee Backinger, Chagrin Falls
Cert.Grad.Dent.Hyg.
Kenneth Ray Ball, Columbus
Kathy Sue Baughman, Newark
Charles Hallie Betts, Andover
Randy Forder Black, Canal Winchester
B.F.A.
Jane Sheila Bloomberg, Youngstown
James Vincent Bodrock, Parma
Dominic Charles Bona, Jr.,
Warrensville Heights
Martin Fredrick Bors, Columbus
Lorene Allyn Breese, Sylvania
Jessie Jo Brough, Fostoria
Cert.Grad.Dent.Hyg.
Christine Elizabeth Brown, Columbus
Dale Everett Brown, East Canton
Kathy Ellen Brown, Cambridge
Jeffrey Alan Bryant, Columbus
B.A. (Otterbein College)
Frida Nordin Burke, Lima
Victoria Lynn Cameron, Pataskala
Phillip Reed Carlson, Reynoldsburg
Douglas Allen Center, Westerville
Sandra Joyce Chico, Kettering
Cert.Grad.Dent.Hyg.

* Also Master of Science, Graduate School

Yvonne Clippinger, Mt. Vernon
John Thomas Cochran, Troy
Rebecca Ann Cochran, Sunbury
Susie Marie Cole, Crestline
Debra Lee Cotsamire, Ada
Robert Ray Crawford, Columbus
Connie Sue Criswell, Galion
Robyn Scott Davidson, Middletown
Eleanor Hanlin Davis, Mansfield
Elizabeth Jane Davis, Washington C. H.
William Robert Davis, Columbus
B.A. (Otterbein College)
Rita Sue Diel, Columbus
Cert.Grad.Dent.Hyg.
Cathy Kenyon Dietrich, Marion
Lynette Marlene Dodge, Hudson
Sandra Lee Downing, Delaware
Susan Gracey Duke, Lima
Robin Hope Earl, Dayton
Raymond Dean Edgerley, Columbus
Teresa Hendricksen Eing, Columbus
William Jonathan Ellis, Shelby
Evon Annette Erickson, Lima
Cynthia Elaine Everhart, Shelby
William Joseph Ezzo, Columbus
Pearl Morris Farmer, Columbus
Sandra Jo Floro, Mansfield
Susan Elizabeth Flory, St. Louisville
Jude Schnabel Foulk, Columbus
Tamara Ann Giar, Canton
Cert.Grad.Dent.Hyg.
Debra Latson Gilcher, Columbus
Germaine Maria Glass, Warren
Lori Gail Goddard, Columbus
Wendy Sue Goeble, Lyndhurst
Cert.Grad.Dent.Hyg.
Robert Kevin Green, Marion
Laurel Elizabeth Gregory, Pleasant City
Anne Marie Whelan Griffin, Columbus
B.A. (Mary Grove College)
Deborah Lynne Haden, Reynoldsburg
Tanya Sue Hammond, Delaware
Linda Wiley Hampshire, Lima
Thomas Dale Hardin, Solon
Mary Emma Hawthorne, Columbus
Andrew Leahy Hendrix, Columbus
Patricia Joy Herbert, Grove City
Judith Ann Herr, Columbus
*Joseph Emanuel Higginbotham, III,
Columbus
Rebecca Jo Hoak, Shelby
David Bourne Holcomb, Worthington
Patricia Collins Hooker, Columbus
Gertrude Ervin Jackson, Columbus
Lynn Coverdale Jackson, Newark
Ann Elizabeth Jones, Hebron
Michael Lee Justice, Columbus
Carolyn Jean Kaiser, Columbus
Stanley Gene Kavanagh, Marion
George Michael King, Columbus
Jennifer Carlene King, Blanchester
Jayne Ann Kinsey, Youngstown
Barbara Jean Knezetic, Lorain
Jill Ann Krebs, Columbus
Lynn Susan Kuhnafel, Columbus
Cert.Grad.Dent.Hyg.
Peggy Lynn Lancaster, Columbus
Sharon Schultz Larson, Delaware
Mary Hulit Lawrentz, Ashland
Jacqueline Wishart Lazenby, Marysville

Keith Elden Lewis, Mt. Vernon
Gary Allan Lillvis, Ashtabula
Susan Carol Lindeman, Englewood
Cert.Grad.Dent.Hyg.
Patricia Jo Linder, Edison
Peter Gaskill Livingston, Columbus
Joseph Michael Marshall, Grove City
Peter Kirkwood Maxfield, Columbus
Michele Mays, Columbus
Mary Lombardo McCann, Columbus
Sandra Sue McCleery, Richmond
Cert.Grad.Dent.Hyg.
Donald Anthony McCune, Kenton
Cynthia Ann McGrew, Columbus
Nancy Lynne Meigs, Warren
Donna Randolph Meyers, Columbus
Cert.Grad.Dent.Hyg.
Amy Elizabeth Miller, Pandora
Kim Damon Miller, Newark
Lizabeth Ann Mooney, New Lexington
Cert.Grad.Dent.Hyg.
Susan Bennett Mordica, Columbus
Deborah Lee Mulholand, Columbus
Thomas VanNess Neal, Montpelier
Robert William Ney, Bellaire
Jill Evelyn Palmer, Chillicothe
Terrence Lorin Parsons, Bellville
Jill Elaine Penhorwood, Lima
Sally Anne Phetteplace, Lima
Don Steven Phillips, Piqua
Saundra M. Pickets, Marion
Michael Howard Plouck, Bryan
Rebecca Lee Porter, Cardington
Janice Lynne Resnick, Cleveland Heights
Carol Ann Roth, Columbus
Evanne Himbert Rourk, Columbus
Cathie Rose Rumora, Ashtabula
Richard Alan Rybak, Northfield
Virginia Juckett Schaffer, Worthington
Anne Miller Schell, Galion
Hedda Meeker Schoephoerster, Columbus
Constance Helen Schroeder,
Columbus Grove
*Edda Niebel Schurter, Columbus
Brenda Hanger Scinto, Columbus
Teresa Wright Seaman, Columbus
Richard Dale Shafer, Findlay
Kay Ellen Shiftet, Columbus
Gregory Marshall Siegler, Cleveland
Melissa Lee Slane, Columbus
James Edward Somers, Frazesburg
Marcus Leonard Southard, Columbus
Jean Leppert Speck, Mansfield
Donna Egnew Spradley, Mt. Vernon
Linda Strickland Staas, Lima
Mark Alan Staker, Columbus
Robert Jay Steinberg, Columbus
Cathy Beth Stiles, Tallmadge
James Patrick Tallon, Columbus
B.A. (Bernard Baruch College)
Barbara Tansey, Toledo
Cert.Grad.Dent.Hyg.
Tod Tapola, St. Marys
Jane Louise Terveer, Alliance
Cert.Grad.Dent.Hyg.
Teresa Ann Thacker, Cincinnati
Cert.Grad.Dent.Hyg.
Vicki Hoffman Thrush, Delaware
Christina Marie Vallera, East Liverpool
Cert.Grad.Dent.Hyg.

Deborah Marie Vara, Willowick
Cert.Grad.Dent.Hyg.
Linda Jean Wallace, Columbus
B.A.
Wesley Ross Wandell, Lima
Ernest Melvin Watts, Columbus
Janice Snider Wical, Waynesville
Sally Lee Wilcox, Columbus
Nancy Ann Yeoman, Carey
LuAnne McDorman Zelasko, Delaware

**Bachelor of Art Education and
Bachelor of Music Education
degree are offered jointly by the
College of The Arts and the
College of Education
Candidates are listed on page 254**

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

One candidate

Lawrence Maxwell Gray, Columbus

Bachelor of Science in Agricultural Engineering

Four candidates

David Scott Gaker, Middletown
James Arthur Groeger, Alliance
Terrence John Schroeder, Leipsic
Rodney Stephen Yeoman, South Vienna

Civil Engineer

One candidate

Satjapaal Kalloe, Surinam, South America

Bachelor of Science in Civil Engineering

Twelve candidates

Marcus Rea Adams, Maumee
Gary Thomas Burkhardt, Cincinnati
Robert Michael Dutro, Columbus
Jay Thomas Gearon, Urbana
Philip Edwin Gentile, Columbus
Timothy J. Hodson, New Vienna
Robert Eugene Holt, Jr., Venetia, Pa.
Gary Steven Hoover, Hilliard
Stephen Donald McCloskey,
North Eastham, Mass.
Steven Thomas Schira, Columbus
David Hart Timmer, Mansfield
Michael Edward Turner, Parma

* Also Bachelor of Arts,
College of the Arts and Sciences

Bachelor of Science in Computer and Information Science

Four candidates

Steven Ian Dritz, Euclid
Wendell Lloyd Miller, Columbus
Randolph Lee Smith, Granville
John Arthur Yoakam, Findlay

Electrical Engineer

One candidate

Robert H. Randall, Springfield
B.S.E.E. (Cleveland State University)

Bachelor of Science in Electrical Engineering

Fifteen candidates

Scott Thomas Bailey, Huron
Michael deWeaver, Dayton
John Perry Hall, Westerville
Michael Rex Hanks, Columbus
Lloyd Carl Hupp, Gahanna
Herbert Raymond Johnson, Cincinnati
Victor A. Kean, Jr., Columbus
Edward Leonard Kray, Columbus
Jeffrey Lantz Oakes, Columbus
John Verdin Pottebaum, Middletown
Robin Brooke John Runck, Whitehall
Gary Lee Smith, Columbus
Joseph Holmes Underwood, Belpre
Ronald Ray Weiskittle, Quincy
Clifford Lawrence Williams, Dayton
B.S. (University of Dayton)

Bachelor of Science in Industrial and Systems Engineering

Ten candidates

Brian Charles Drerup, Ottawa
David Edward Groves, Columbus
Carol Enright Harris, Hoytville
David Paul Harris, Hoytville
Scott William Lapish, Freeport
Cary Snow Lawson, Elyria
Thomas Henry Schaefer, Bellaire
John Joseph Shogren, Morton Grove, Ill.
Albert Richard Takach, Chillicothe
Frank Vernon Wright, Franklin

Bachelor of Science in Mechanical Engineering

Nineteen candidates

Raymond James Bennett, Columbus
Polk Alfred Burleson, Brookfield
Mordehy Cohen, Bnei Brak, Israel
Helen Marguerite Cox, New Carlisle
Douglas Anthony Denton, Washington C. H.

John Michael Hall, Canfield
Daniel Loy Hensel, Columbus
Brian Robert Kelm, Lisbon
Joseph Michael Kurta, Lorain
Archie Mitchell, Jr., Columbus
Earl Allen Proetzel, Cinnaminson, N. J.
Dwain Ralph Schroeder, Columbus Grove
Mark Edward Schulte, Perrysburg
Stanley Paul Schumann, Dublin
Majid Seghatolesami, Tehran, Iran
Douglas Lee Snyder, Brunswick
Larry Ronald Waite, Columbus
Michael Joseph White, Bellefontaine
Kenneth Joe Williams, Plain City

Bachelor of Science in Metallurgical Engineering

One candidate

Timothy Louis Pontillo, Conway, Pa.

Bachelor of Science in Architecture

Fifteen candidates

Hamid Bagheri, Tehran, Iran
Leon Krikor Beuyukian, Beirut, Lebanon
Michael Andrew Bonner, Amherst
Richard Bayard Brown, Columbus
Steven Frank Dallman, Minneapolis, Minn.
B.A. (Mankato State College)
Jeffrey Mark Dyer, Arcadia
John David Grace, Philadelphia, Pa.
Leonard Kolada, Madison, Wis.
Lawrence Kwokwai Law, Hong Kong
Gary James Lewis, Amherst
Randy Allen Ritz, Elm Grove, Wis.
Michael Arthur Taylor, Williamsport, Pa.
Randall Scott Tedhams, Bellevue
Todd Nelson Truax, Martins Ferry
Melek Turkoglu, Columbus

College of Law

Dean: L. Orin Slagle, Jr.

Juris Doctor

Twenty-six candidates

William Harry Arnold, Worthington
B.S., M.P.A.
Kenneth Charles Baker, Lyndhurst
B.A. (Miami University)
David Scott Blaugrund, Shaker Heights
B.A. (Miami University)
James Eugene Curry, Columbus
B.S. (Miami University)
Jeffrey Mark Decile, Cleveland
B.A. (Bowling Green State University)
Richard Bruce Deutsch, Lorain
B.F.A. (Kent State University)
Francisco A. Garabis, Columbus
B.Civil E. (University of Detroit)

David Marcus Gold, South Fallsburg, N. Y.
B.S. (State University of New York at Binghamton)

Joseph Matthew Howie, Jr., Brimley, Mich.
B.B.A. (University of Michigan);
M.S. (University of Southern California)

Willard Judson Kernen, Columbus
B.A. (Bridgewater State College)
Kenneth Francis Krawczak, North Olmsted
A.B. (Western College)

Crofford Johnson Macklin, Jr., Lithopolis
B.A.; B.A. (University of West Florida)

John Patrick Murtagh, Cheyenne, Wyo.
B.A. (University of Notre Dame)

Carol Riggle Nichols, Mansfield
B.S.Ed.

Barbara Rose Oswald, Waukesha, Wis.
B.S. (Indiana University)

Paul Edward Peltier, Jr., Piqua
B.A. (Bowling Green State University)

Teddy Louis Ramirez, San Antonio, Tex.
B.A. (Southwestern Union College)

Raymond Sales, Canton
B.A.

Jeffrey P. Sherman, Columbus
B.S.Ed. (Miami University)

Richard Kaoru Shimabukuro, Aiea, Hawaii
B.B.A. (University of Hawaii);

M.A. (University of Nebraska)
Philip Constantine Stanger, Columbus
B.A.

Daniel James Stohs, South Bloomingville
B.A.

Fred Thomas, Jr., Columbus
B.A.

Damian Joseph Vercillo, Ashland
B.A.

Victoria Gay Webster, Springfield
B.A.

Robert Steven Wells, Lexington, Ky.
B.S. (Purdue University)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Seven candidates

John Timothy Bricker, Canton
B.A. (Malone College)
Cass Miller Cullis, II, Bryan
B.A.
Lynn Eugene Eiler, Cincinnati
B.A. (University of Michigan)
Christopher Thomas Haas, Chesterland
B.S.
Michael William Kessler, Columbus
B.A.
Gregory M. Straw, Shelby
B.S. (Purdue University)
Michael Erwin Szela, North Olmsted
B.A. (Saint Louis University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Sixteen candidates

M. Jane Bolden, Mentor
Kathryn Marie Brown, Columbus
Donald Denio, Egon
Debra Kay Frantz, Wintersville
Lenora Larsen Heller, Columbus
Robert Edwin Irwin, Warren
Darnell Legard, Elyria
William Patrick Martin, Girard
Christine Louise Navin, Defiance
Lawrence Allen Palmer, Minerva
Mary Johanna Pelland, Akron
James Robert Seitz, Grove City
Edward John Seymore, Elyria
Patricia Ann Martin Smith, Cincinnati
Audrey Marie Ashford Whittaker, Columbus
Todd Jeffrey Winder, Euclid

Certificate of Nurse Anesthetist

Four candidates

Christine Marie Bova, Columbus
B.S. Nurs.
Geraldine Lee Eckle, Columbus
A.D. (Columbus Technical Institute)
Michael Clarence Perry, Columbus
A.D. (Hocking Technical College)
A. Marie McLoughlin Miller, Lancaster
R.N. (Good Samaritan School of Nursing)

Certificate of Post Baccalaureate Circulation Technologist

One candidate

Thomas Patrick Ryan, Columbus
B.A. (Athenaeum of Ohio)

Certificate of Post Baccalaureate Medical Technologist

One candidate

Denise Arlene Fogle Parish, West Mansfield
B.A.

Certificate of Post Baccalaureate Physical Therapist

One candidate

Darlene Denise Blakely, Warren
B.S. (Ohio University)

School of Nursing

Bachelor of Science in Nursing

Twenty-two candidates

Margaret Aselage Abbott, Canal Winchester
R.N. (Clark Technical College)
Arthur Edward Brown, Hilliard
Nancy Rodgers Denny, Cheshire
Janet Lou Heilman, Ashland
Karen Louise Hinschlagler, Paulding
Kathryn Mary Hyams, Toledo
Phyllis Kay Janzen, Columbus
R.N. (Hesston College, Kansas)
Phyllis Jean Kaldor, Bellaire
Robin Ann Malolepszy, Columbus
Raymond Charles McCutcheon, Jr.,
Waterford
Norma Nice, Norton
Kim Knepper Peterson, Columbus
Kathleen Salajko Priest, Parma Heights
Patricia Ann Ramsey, Cincinnati
Joy Ellen Rees, Columbus
Yvonne Rhode, Columbus
B.S.Ed.
Leslie Ann Schneider, Bellevue
Julia Cella State, Columbus
Beth Ann Stevenson, Chillicothe
Lou Ann Teets, Zelenople
Vickie Michelle Valentine, Canton
Robert Thomas Vocca, Ashtabula

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Twenty-six candidates

Hal C. Adelman, Bloomington, Ill.
B.S. in Opt.
Forrest Donald Baillie, Zanesville
B.S. in Opt.
William George Bartolovich, East Liverpool
B.S. in Opt.
Frederick U. Baublitz, Martinsville, Va.
B.S. in Opt.
John Bazilius, Jr., Cleveland
B.S. in Opt.
Robert S. Beattie, Bowling Green
B.S. in Opt.
Gordon Arthur Bixel, Jr., Worthington
B.S. (Bluffton College); B.S. in Opt.
Gerald Lynn Collins, Oxford
B.S. (Otterbein College); B.S. in Opt.
Richard Allen Cook, Cleveland
B.S. in Opt.
Gerald Firestone, Canton
B.S. in Opt.
Edward Thomas Flinn, Miamisburg
B.S. in Opt.

Lewis Edward Gunn, Barberton
B.S. in Opt.

James Arthur Hater, Cincinnati
B.S. in Opt.

Paul L. Heller, South Euclid
B.S. in Opt.

John D. Hill, Lima
B.S. in Opt.

William Thomas Kensler, Columbus
B.S. in Opt.

Kenneth Elmer Knebel, Cincinnati
B.S. (University of Cincinnati); B.S. in Opt.

Edmund Lee Komraus, Reynoldsburg
B.S., B.S. in Opt.

James Lester Kuhlman, Dayton
B.S. in Opt.

Clarence Donald Myers, St. Petersburg, Fla.
B.S. in Opt.

John E. Romig, Dennison
B.S. in Opt.

John Francis Sheehan, Toledo
B.S. in Opt.

Richard Lee Shroder, Lebanon
B.S. in Opt.

John R. Spaniol, Cleveland
B.S. in B.A. (John Carroll University);
B.S. in Opt.

Richard Wayne Stang, Bellefontaine
B.S. in Opt.

William Edward Swigert, Jr., Columbus
B.S. in Opt.

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Seventy-three candidates

Rene Barrat, Beachwood
Betsy Lynn Beck, Fremont
Sue Ann Bennett, Dayton
David McDowell Bidwell, Mayfield Heights
Elizabeth Cowan Bird, North Canton
Pamela Renee Brown, Smithfield
Portia Lynnette Brown, Cleveland
Linda Ruth Burkholder, Luckey
Cynthia Elaine Burpo, Cleveland
Debra Ann Byerly, Cincinnati
Anthony Vincent Cafarelli, Euclid
Norma Chambers, Cleveland
David Arthur Cleveland, New Philadelphia
Richard Crow, Burton
Edward Scott Dagenfield, Columbus
Sharlene Virginia Davis, Pittsburgh
Sally Anne Eblin, Columbus
Helen Marie Eekstrom, Columbus
Pamela Ann Edwards, Cincinnati
Anne P. Fanta, Columbus
Nancy Jo Fischley, Chagrin Falls
Paul T. Gideon, Worthington
Wendy Susan Gross, Cleveland
William Russell Grote, Columbus
Judith Ann Hadden, Fairport Harbor

Barbara Louise Hamm, Chillicothe
Kimberly Anne Hamrick, Columbus
Jane Marie Hawley, Wellington
Amy Ann Herrmann, Hamilton
Jamie Evelyn Higgins, Avon
Bonnie Jane Hoener, Cincinnati
Rhonda Michele Jackson, Columbus
Michael Joseph Johns, Columbus
Kerry Steven Judd, Lyndhurst
Michele Jeanné Langianese, Pittsburgh, Pa.
Elaine Carol Lekson, Bay Village
Ronald Scott Levi, Columbus
Teresa Lee Loar, Columbus
Magdalene Loudakis, Fairborn
Alice Ann Martin, Long Island, N. Y.
Rachel Matalon, Columbus

Thomas Scott McLoughlin, Columbus
Patricia Mara Merriman, South Euclid
Rebecca Jane Mingus, Athens
Linda Claunch Moi, Cincinnati
Dennis Brian Mong, Greenville
Deborah Ann Nye, Newark
Teresa Jean Oliver, Columbus
Karen Elizabeth Owens, Chillicothe
Margaret Ruth Owusu, Columbus
Richard Wayne Pace, Columbus
Lois Arlene Perkovich, Newton Falls
Debra Lynn Poteet, Hamilton
Janet Lynn Rackenbaugh, Mansfield
David Blake Rearick, Avon Lake
Nancy Jo Rhoads, Circleville
Nancy Elaine Ross, Columbus

Audrey Russo, East Meadow, N. Y.
Majid M. Saheli, Tehran, Iran
Shirley Louise Sanchez, Lorain
Deborah Lynn Schmelmer, Columbus
Denise Lea Schoenrock, Toledo
Coleen Sue Seall, Gahanna
Nancy Cautin Shall, Toledo
John Patrick Smith, Jr., Columbus
Holly Etta Spencer, Leipsic
Connie Sue Staiger, Worthington
Helen Forbes Stephanson, Worthington
Ellen Sue Stern, Cincinnati
Rose Ann Stern, Nashville, Tenn.
Robyn M. Wherry, Mansfield
Lynn Ruth Williamson, Brooklyn
Mary Christine Woodman, Poland

Graduates with Honors

Summa Cum Laude

Barbara Anne Abend, Parma
Patricia Eileen Ankrom, Circleville
David McDowell Bidwell, Mayfield Heights
Jill Ann Chapman, Venetia, Pa.
Helen Marguerite Cox, New Carlisle
Pamela Ann Edwards, Cincinnati
Elizabeth Jane Ellis, Columbus
Anne P. Fanta, Columbus
Susan Elizabeth Flory, St. Louisville
Wendy Susan Gross, Cleveland
Beverly Ann Groves, Lancaster
Ann Elizabeth Henry, Columbus
Rhonda Michele Jackson, Columbus
Carolyn Jean Kaiser, Columbus
David Kleshinski, Mansfield
Linda Ann Lucas, Mansfield
John Richard Nagle, Marion
Don Steven Phillips, Piqua
Patricia Ann Ramsey, Cincinnati
David Blake Rearick, Avon Lake
Nancy Elaine Ross, Columbus
Edda Niebel Schurter, Columbus
Gregory Marshall Siegler, Cleveland

Summa Cum Laude and with distinction in Home Economics

Luan Wagner Stewart, Vandalia

Cum Laude

Cheryl Lynn Alford, Dayton
Dixie Foster Bartels, Bellevue
Kathy Sue Baughman, Newark
M. Jane Bolden, Mentor
Judith Lynn Bosma, South Euclid
John Timothy Bricker, Canton
Douglas Allen Center, Westerville
Darrolyn Florence Church, Collins
Nancy Smith Cline, Rockbridge
Michael Anthony Coccia, Columbus
Mordehy Cohen, Bnei Brak, Israel
John William Constantine, Jr.,
New Richfield
Debra Lee Cotsamire, Ada
Elizabeth Moore Cox, Columbus
Susan Jean Diehl, Columbus
Randall Alan Diekmeyer, Milford
Sandra Lee Downing, Delaware
Evon Annette Erickson, Lima
Mary Emma Hawthorne, Columbus
John Louis Hofmeister, Massillon
Phyllis Kay Janzen, Columbus
Marilyn Alison Judd, Westerville
Rebecca Sue King, West Liberty
Sharon Shultz Larson, Delaware
Anthony Phillip Leone, Poland
Bette Ann Lynch, Columbus
Elizabeth Kay Mase, Columbus
Patricia Mara Merriman, South Euclid
Amy Elizabeth Miller, Pandora

Janet Miller, Spring Valley
Linda Claunch Moi, Cincinnati
Jennifer Zufall Moore, Columbus
Susan Catherine Ohmer, Cincinnati
Debora Elizabeth Krekler Osborn,
Wilmington

Jill Elaine Penhorwood, Lima
Michael James Riehle, Cincinnati
Dwain Ralph Schroeder, Columbus Grove
Edda Niebel Schurter, Columbus
Loretta Ferlito Shaffer, Columbus
Michael David Sheets, Massillon
James Daniel Simon, East Palestine
Vicki Hoffman Thrush, Delaware
Albertus Jacobus Veenstra, Johnstown
David Lynn Wuest, South Euclid
John William Youngston, Fostoria

Cum Laude and with distinction in Accounting

Joanne Lynn Horwood, Conneaut

Cum Laude and with distinction in Animal Science

Thomas Lee Benecke, Napoleon

Cum Laude and with distinction in Food Science

Cynthia Delores Blaser, Columbus

Cum Laude and with distinction in Nutrition

Hillary Eileen Kaufman, Cleveland

With distinction in Anthropology

Michael Kalus, University Heights

With distinction in Environmental Interpretation

Amy Louise Esmond, Columbus

With distinction in Horticulture

Jane Ann Richards, Columbus

With distinction in Neuro Science With Honors in the Liberal Arts

Robert Emerson Feiss, Shaker Heights

With distinction in Parks and Recreation Administration

Kathie Ann Hoppe Holbrook, Columbus

With distinction in Plant Pathology

William David Rogers, Grove City

With distinction in Psychology

John Allen Saul, Bay Village

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND TWENTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 15, 1976

The Board of Trustees met at its regular monthly meeting on Wednesday, December 15, 1976, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: M. Merle Harrod, Chairman, Howard D. Sirak, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, and Donald J. Hilliker.

* * *

Minutes of the last meeting were approved.

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December 15, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 77-57

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

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 adopted the foregoing resolution by unanimous voice vote.

Robert Maynard King

The Board of Trustees of The Ohio State University expresses its sorrow upon the death November 5, 1976, in Columbus, Ohio, of R. Maynard King, Professor Emeritus in the Department of Ceramic Engineering.

A native of Texas, he received his B.A. degree from the University of Texas in 1916, and a M.S. in Ceramic Engineering from The Ohio State University in 1923. For 11 years prior to joining the Ceramic Engineering faculty, he was employed in various areas of industrial ceramics.

Professor King was a recognized authority in the field of porcelain enamels, having authored or co-authored more than 50 technical publications during his career, many of which dealt with the subject of enamel adherence. Professor King was retired in 1960 after 33 years of teaching and research in the department. He continued his research studies throughout the 16 years of active retirement that found him daily at work in his laboratory. His colleagues and former students will remember him as the grand gentleman of Watts Hall.

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.

Henry Brush Lacey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 10, 1976, of Dr. Henry Brush Lacey, Clinical Professor Emeritus of the Department of Surgery.

Dr. Lacey was born on April 4, 1903, at Laceyville, Ohio. He received his B.A. and M.D. degrees from The Ohio State University, and interned at Cincinnati General Hospital. He received his training in surgery at The Ohio State University and in Orthopaedic Surgery at the Hospital for Special Surgery in New York City. He served as Lieutenant Colonel in the

December 15, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Henry Brush Lacey (contd)

Army Medical Corps from November of 1942 until 1946. Dr. Lacey was Chairman of the Department of Orthopaedics at Children's Hospital from 1952 to 1965. He was likewise Chairman of the Department of Orthopaedics at Mt. Carmel Medical Center from 1953 to 1973. Dr. Lacey was a Fellow of the American College of Surgeons, a member of the American Academy of Orthopaedic Surgeons, the American Medical Association and of numerous other professional societies. He was past president of the Ohio Orthopaedic Society.

In 1973, an annual Henry B. Lacey Lectureship was established in his honor in recognition of his long service to Children's Hospital. The funds for this lectureship were given by orthopaedic surgeons of central Ohio and Dr. Lacey's many friends. Dr. Lacey attended the first three Lacey lectures, contributing to each one from his wealth of experience and knowledge.

Dr. Lacey was recognized by all orthopaedists in central Ohio as the senior orthopaedic surgeon of Columbus. His thoughtful and wise counsel, based on his years of experience, were welcomed by his younger colleagues and will be sorely missed. Dr. Lacey was a gentleman in the truest sense of the term, always gracious and kind and he will indeed be sorely missed. The courage and patience he showed during his long and painful illness was testimony to his great strength.

On behalf of the University, 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 sympathy and respect.

Paul N. Williams

The Board of Trustees of The Ohio State University expresses its sorrow upon the death October 29, 1976, of Paul N. Williams, Assistant Professor in the School of Journalism.

Professor Williams, a newspaper man distinguished throughout his profession before he turned to teaching, was born March 31, 1922, in Topeka, Kansas. He attended the University of Kansas and Washburn College before starting on his journalistic career in the traditional way - as a copy boy - on the *Topeka State Journal* in 1941, moving later to the *Topeka Daily Capital*.

During World War II, he joined the Army Air Corps as a cadet, eventually serving as a navigator in the European Theater of war.

At the end of the war he returned to the *Daily Capital*, becoming acting city editor before the year was out. In 1946 he joined the staff of the *Omaha (Nebraska) World Herald*, leaving after 14 years to become managing editor of the Sun Newspapers of Omaha. Except for three years, from 1966 to 1969, he remained in this post until September, 1973, when he joined the Ohio State faculty to teach and serve as faculty adviser to *The Lantern*.

December 15, 1976 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Paul N. Williams (contd)

During his 27 years as a newspaper man, he won many honors, including a Pulitzer Prize awarded the Sun papers for a report directed and largely written by him, on the finances of Boys' Town. It was the first Pulitzer Prize ever awarded a weekly newspaper. The same story also won a national Sigma Delta Chi Public Service Award and other citations.

In 1972, Williams was named Journalist of the Year by the Nebraska Professional Chapter of Sigma Delta Chi. The previous year he had won a First Award for Distinguished Science Writing bestowed by the American Association for the Advancement of Science and the Westinghouse foundation.

Professor Williams was deeply committed to the idea of excellence in journalism, on the educational as well as the professional level. He believed in students and set high standards for them, seeking always to challenge their best.

Although generous with his time, he never stinted in what he considered his obligation to his profession. At his death, he was working on final revision of a book on investigative reporting and had also found time to serve as one of the founders and first executive secretary of a new national organization of investigative reporters.

Paul Williams was that rare combination of the thorough professional deeply committed to teaching and to the ideals of journalism education. More than that, he was a dear and respected friend to both students and colleagues, and he will be missed. He may be replaced but he cannot be matched.

On behalf of the University community, the Board of Trustees expresses to the family of Paul Williams 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 his family as a sincere expression of sympathy and regret.

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BUDGET SUMMARY (FIRST QUARTER, 1977)

Resolution No. 77-58

Synopsis: The first quarter summary report of the current funds budget is presented for review.

WHEREAS the first quarter report of the 1976-77 current funds budget is presented for review in December because of uncertain conditions existing prior to the November meeting of the Board; therefore, this report incorporates the actions of the Board of Trustees at their latest meeting to meet the loss in revenues due to the additional 1 per cent reduction in state subsidy and the unanticipated decline in enrollment at the graduate level through an increase in instructional fees and reductions to budgets; and

December 15, 1976 meeting, Board of Trustees

BUDGET SUMMARY (FIRST QUARTER, 1977) (contd)

WHEREAS as a result of these circumstances and actions, and subsequent imposition of budget cuts by the President, budgeted expenditures in the Instructional and General component for the Columbus Campus are reduced by \$2,353,000 from an approved June 4 total of \$177,129,000 and these reductions have been achieved through the use of minimum flexibility funds and an \$800,000 additional reduction of funds previously allocated to the several operations funded through the Instruction and General Budget; and

WHEREAS changes in the budgeted expenditures of the Regional Campuses reflect current estimates of the state subsidy earnings of those institutions and final determination of the earnings on all campuses by the Ohio Board of Regents should be available in late December; and

WHEREAS except for these above revisions, there are not significant changes to the current funds budget submitted to and approved by the Board of Trustees on June 4, 1976:

NOW THEREFORE

BE IT RESOLVED, That the accompanying first quarter budget report be accepted.

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

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**REVISION OF BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE
UNIVERSITY FACULTY PERTAINING TO THE USE OF TOBACCO-SMOKING**

Resolution No. 77-59

Synopsis: Revision of Article VIII, Section 6, of the Bylaws of the Board of Trustees and Rule 61.03 of Rules of the University Faculty is proposed.

WHEREAS the Ohio General Assembly recently enacted legislation (see Section 3791.031, Ohio Revised Code) requiring designated "No Smoking" areas in places of public assembly; and

WHEREAS the Director of Administrative Services of the State of Ohio, who is empowered to designate "No Smoking" areas within buildings owned by the State or its agencies, has requested the University's assistance in designating and enforcing the State statute relating to such areas at this University:

NOW THEREFORE

BE IT RESOLVED, That Article VIII, Section 6, of the *Bylaws of the Board of Trustees* and Rule 61.03 of *Rules of the University Faculty* be revised to reflect this recently enacted legislation and such area designations be made pursuant thereto.

TABLE 1
 THE OHIO STATE UNIVERSITY
 1976-77 Current Funds Budget
 Budgeted Expenditures for the 1976-77 Year

	Budget Approved June 4, 1976	Proposed Revised Budget December 15, 1976
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$126,010,000	\$125,453,000
Libraries	6,674,000	6,632,000
Other Academic Support	2,138,000	2,036,000
Student Services	6,419,000	6,388,000
Plant Operation	20,616,000	19,926,000
Institutional Support	15,272,000	14,341,000
Total Instructional and General	\$177,129,000	\$174,776,000
Sponsored Research		
Research Foundation	\$ 17,790,000	\$ 17,790,000
Engineering Experiment Station	2,400,000	2,400,000
Research Administration	1,976,000	1,946,000
University Sponsored Research	1,533,000	1,533,000
Other Grants and Contracts	2,187,000	2,187,000
Total Sponsored Research	\$ 25,886,000	\$ 25,856,000
Public Service		
University Hospitals	\$ 70,780,000	\$ 70,780,000
Cooperative Extension Service	15,886,000	15,886,000
Other Grants and Contracts	14,338,000	14,338,000
University Sponsored Programs	2,671,000	2,654,000
Conferences	1,650,000	1,650,000
Total Public Service	\$105,325,000	\$105,308,000
Scholarships and Fellowships	\$ 5,609,000	\$ 5,609,000

TABLE 1 (contd)

THE OHIO STATE UNIVERSITY
1976-77 Current Funds Budget
Budgeted Expenditures for the 1976-77 Year

	Budget Approved June 4, 1976	Proposed Revised Budget December 15, 1976
Auxiliaries		
Student Housing	\$ 17,160,000	\$ 17,160,000
Intercollegiate Athletics	7,044,000	7,044,000
University Bookstores	4,356,000	4,356,000
Facilities Services	2,349,000	2,349,000
Student Unions	2,109,000	2,109,000
Parking Facilities	1,991,000	1,991,000
Student Health Service	2,049,000	2,049,000
University Airport	1,518,000	1,518,000
Fawcett Center For Tomorrow	1,193,000	1,193,000
Other	759,000	759,000
Total Auxiliaries	\$ 40,528,000	\$ 40,528,000
Total Columbus Campus	\$354,477,000	\$352,077,000
Regional Campuses		
Administration	\$ 133,000	\$ 133,000
Lima Campus	2,247,000	2,212,000
Mansfield Campus	2,298,000	2,303,000
Marion Campus	1,373,000	1,388,000
Newark Campus	1,865,000	1,975,000
Agricultural Technical Institute	1,806,000	1,848,000
Wright Patterson Graduate Center	215,000	150,000
Total Regional Campuses	\$ 9,937,000	\$ 10,009,000
Grand Total	\$364,414,000	\$362,086,000

TABLE 2
 THE OHIO STATE UNIVERSITY
 1976-77 Current Funds Budget
 Sources of Income to Support the 1976-77 Budget

	Budget Approved June 4, 1976	Proposed Revised Budget December 15, 1976
Columbus Campus		
Government Appropriations		
State of Ohio	\$122,444,000	\$119,842,000
Federal	44,354,000	44,654,000
Subtotal	\$166,798,000	\$164,496,000
Student Fees		
Instructional and General	\$ 48,730,000	\$ 49,230,000
Room and Board	13,821,000	13,821,000
Other	1,920,000	1,920,000
Subtotal	\$ 64,471,000	\$ 64,971,000
Other Income		
Auxiliary Sales and Charges	\$ 90,873,000	\$ 90,873,000
Department and University Services	15,561,000	14,761,000
Endowment Income	2,849,000	2,849,000
Gifts and Grants	11,930,000	12,130,000
Temporary Investments	2,000,000	2,000,000
Subtotal	\$123,213,000	\$122,613,000
Total Columbus Campus	\$354,482,000	\$352,080,000
Regional Campuses		
Lima Campus	\$ 2,282,000	\$ 2,246,000
Mansfield Campus	2,398,000	2,253,000
Marion Campus	1,463,000	1,418,000
Newark Campus	1,941,000	2,016,000
Agricultural Technical Institute	1,866,000	1,878,000
Wright Patterson Graduate Center	215,000	150,000
Total Regional Campuses	\$ 10,165,000	\$ 10,061,000
Grand Total	\$364,647,000	\$362,141,000

December 15, 1976 meeting, Board of Trustees

REVISION OF *BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY PERTAINING TO USE OF TOBACCO-SMOKING (contd)*

BYLAWS OF THE BOARD OF TRUSTEES

Article VIII, Section 6, Smoking - Tobacco

The prohibition of the smoking of tobacco within University facilities designated as "No Smoking" areas by the authority delegated by the Director of Administrative Services of the State of Ohio has been established to protect the comfort and health of persons who do not smoke or to whom such smoke is objectionable. Further, the smoking of tobacco in such designated areas is a violation of Section 3791.031, Ohio Revised Code, and all violators are subject to prosecution.

RULES OF THE UNIVERSITY FACULTY

61.03. Smoking - Tobacco.

The prohibition of the smoking of tobacco within University facilities designated as "No Smoking" areas by the authority delegated by the Director of Administrative Services of the State of Ohio has been established to protect the comfort and health of persons who do not smoke or to whom such smoke is objectionable. Further, the smoking of tobacco in such designated areas is a violation of Section 3791.031, Ohio Revised Code, and all violators are subject to prosecution.

Statement by President Enarson to Board of Trustees

While the next item of business might seem to be a routine housekeeping matter, it is more than this, and I want to comment on it briefly. It has to do with revising the *Bylaws of the Board of Trustees* and the *Rules of the University Faculty* to reflect new requirements of the Ohio Revised Code concerning smoking in places of public assembly.

Briefly, the Code now provides for the designation of 'No Smoking' areas in all places of public assembly, including auditoriums, classrooms, elevators, and so on. It also provides that smoking in a designated 'No Smoking' area in a place of public assembly is a misdemeanor and that violators may be prosecuted.

As you may know, the University has had designated 'No Smoking' areas for a long time. We have also had mixed success in getting people to respect them.

During the past two years we have received a growing number of complaints about smoking, particularly about the problem of smoking in classrooms. These complaints cite health hazards, infringement of individual rights, basic discourtesy, fire hazard, and the cost to the University to clean up after smokers or repair property damaged by carelessness. All complaints have some validity, and increasingly non-smoking students and faculty are calling for further action.

We have repeatedly reminded faculty, staff, and students of the University smoking rules and appealed for voluntary compliance. The problem persists, however. Now the General Assembly has acted to protect the rights of non-smokers, and we

December 15, 1976 meeting, Board of Trustees

REVISION OF BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY PERTAINING TO USE OF TOBACCO-SMOKING (contd)

Statement by President Enarson to Board of Trustees (contd)

intend to utilize new revisions in the Ohio Code to deal with the problem on the campus.

We have ordered that signs citing the state law be posted in all places of public assembly, and we intend to cite violators in the same way that we cite those who violate parking laws.

These measures will help. At the same time, I appeal again to those relatively few faculty who persist in doing so to stop smoking in the classroom in disregard of 'No Smoking' signs. I appeal again to those administrators and staff who continue to do so to stop smoking in 'No Smoking' areas. Faculty set the example for students; administrators set the example for those who report to them. When the example they set conforms to the requirements of University rules and state statute - and to the kind of basic respect for others which ought to characterize a university - then the smoking problem will quickly end, I believe.

Meanwhile, I want the Board to know that we intend to administer these requirements vigorously to insure that the issues of health, individual rights, public safety, and maintenance costs are given proper attention.

I recommend adoption of the resolution.

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

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NAMING OF BUILDING

Resolution No. 77-60

Synopsis: Naming of Learning Resources Center is proposed.

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in Article VIII, Section 7, of the Bylaws of the Board of Trustees; and

WHEREAS the President recommends, with the concurrence of the President's Staff, that the Learning Resources Center located at 1070 Carmack Road be named in honor of and in tribute to the distinguished and nationally recognized educational leader, Sidney L. Pressey, who joined the Ohio State faculty in 1921, where he became a Professor in 1926 and Professor Emeritus in 1959:

NOW THEREFORE

December 15, 1976 meeting, Board of Trustees

NAMING OF BUILDING (contd)

BE IT RESOLVED, That the above described building be named Sidney L. Pressey Hall to honor Dr. Pressey, who is credited with the invention of the first teaching machine which is on exhibition at the Smithsonian Institution, Washington, D. C.

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

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**MODIFICATION OF CHARGES UNDER RULE 43.02 OF
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 77-61

Synopsis: An increase in the Acceptance Fee from \$25 to \$40 is proposed.

WHEREAS the present Rule 43.02 of Rules of the University Faculty provides for the assessment of an Application and Acceptance Fee; and

WHEREAS it is the University's desire to provide more effective pre-enrollment orientation and advising services for undergraduate students; and

WHEREAS it is desirable to consolidate the small Orientation program costs rather than collecting them individually from new students:

NOW THEREFORE

BE IT RESOLVED, That the Acceptance Fee for undergraduate students be increased from its present level of \$25 to \$40 and that such increase apply to students entering the undergraduate degree-granting colleges or schools or University College, effective the Summer Quarter 1977.

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

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**ESTABLISHMENT OF THE WILLIAM H. DAVIS PROFESSORSHIP
IN THE AMERICAN FREE ENTERPRISE SYSTEM**

Resolution No. 77-62

Synopsis: An "Endowed Professorship" in the American Free Enterprise System in the College of Administrative Science is proposed.

December 15, 1976 meeting, Board of Trustees

**ESTABLISHMENT OF THE WILLIAM H. DAVIS PROFESSORSHIP
IN THE AMERICAN FREE ENTERPRISE SYSTEM (contd)**

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

WHEREAS a proposed gift to The Ohio State University Development Fund from Mr. William H. Davis, Mrs. William H. (Dorothy) Davis, and son, William C. Davis, would make possible the establishment of an "Endowed Professorship"; and

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

WHEREAS the annual income is to be used for the endowment of a professorship in the College of Administrative Science for the teaching and promotion of the American Free Enterprise System, its history in building this great nation and its necessity to continue making our way of life the finest the world has ever known; and

WHEREAS if the need for this faculty position ceases to exist or so diminishes 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 programs in the College of Administrative Science:

NOW THEREFORE

BE IT RESOLVED, That the William H. Davis Professorship in the American Free Enterprise System be established contingent upon receipt of the appropriate level of funding for a named professorship and that upon sufficient level of funding, this professorship may be redesignated as the William H. Davis Chair in the American Free Enterprise System.

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. 77-63

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary are recommended for approval.

December 15, 1976 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the November 5, 1976 meeting of the Board, including the following Leaves of Absence Without Salary, as detailed in the University Budget for 1976-1977, be approved.

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

Leaves of Absence Without Salary

GEORGE J. DEMKO, Professor, Department of Geography, January 1, 1977 through June 30, 1977, to teach at the University of Hawaii.

MICHAEL LIN, Associate Professor, Department of Mathematics, October 1, 1976 through March 31, 1977, to teach at Hebrew University of Jerusalem.

MARY ELIZABETH FONTANA WISE, Associate Professor, Department of Medicine, October 1, 1976 through December 31, 1976, for personal reasons.

PHILIP T. KROLL, Assistant Professor, College of Administrative Science - Continuing Education, December 1, 1976 through June 30, 1977, to serve as a mediator for the Federal Mediation and Conciliation Service of the United States Government.

VIRGINIA A. MCDERMOTT, Assistant Professor, Department of Communication, January 1, 1977 through June 30, 1977, to serve as Visiting Professor at University of Minnesota.

VIVIAN STEAHLY, Assistant Professor, Lima Campus, January 1, 1977 through March 31, 1977, for personal reasons.

BONNIE J. GARVIN, Instructor, School of Nursing, January 1, 1977 through June 30, 1977, to engage in a program of professional improvement at The Ohio State University.

JEFFREY D. LAYMAN, Instructor, Cooperative Extension Service, November 1, 1976 through February 28, 1977, for personal reasons.

GAYLE A. REINDL, Instructor, School of Nursing, October 25, 1976 through December 31, 1976, for personal reasons.

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December 15, 1976 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-64

Synopsis: The report on contracts, grants, and gifts and the summary for October is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of October, 1976, be approved.

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

December 15, 1976 meeting, Board of Trustees

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

SUMMARY FOR OCTOBER 1976

Source	No. of Projects	Support Level
Office of Business and Administration	16	\$ 501,129.00
The Ohio State University Research Foundation	36	1,265,936.00
The Engineering Experiment Station	2	62,811.00
		\$1,829,876.00
The Ohio State University Development Fund	2,963 Donors	895,756.10
Establishment of Named Funds		
The Anne Elizabeth Arnholt Scholarship Fund (Colleges of the Arts and Sciences)		29,514.66
The Partners and Employees of Price Waterhouse Endow- ment Fund (College of Administrative Science)		2,000.00
The Margaret E. Bazler Memorial Fund (College of Law Library)		1,000.00
The Chester S. Hutchison Scholar- ship Fund (College of Agriculture and Home Economics)		1,000.00
The Julia Roberts Gump Scholar- ship (College of Education)		1,000.00
The Richard D. Wood, Sr., Endowment Fund (College of Humanities)		1,000.00

December 15, 1976 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$188,800.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Nursing Capitation Grant Program, School of Nursing, July 1, 1976 through June 30, 1977. (Grant No. 2 E04 NU01080-05)

\$67,412.00 - Department of Health, Education, and Welfare, Office of Human Development, Region V, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Medicine, College of Medicine, July 1, 1976 through June 30, 1977. (Grant No. 44-P-25122/5-15, Amendment No. 1)

\$65,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Region V, Developmental Disabilities Office, Chicago, Illinois, UAF Consortium Coordination, Nisonger Center for Mental Retardation, September 30, 1976 through September 29, 1977. (Grant No. 50-P-25638/5-01, Amendment No. 1)

\$9,953.00 - ACTION, Small Purchases Section, Washington, D. C., assist in the establishment of a Technical Education Leadership recruitment program on the Columbus campus and the numerous state programs, Academic Faculty of Vocational-Technical Education, September 25, 1976 through September 30, 1977. (Order No. 483-5104)

\$1,500.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Cancer Research Resources and Centers, National Cancer Institute, Bethesda, Maryland, Institutional Allowance - Cancer, Department of Veterinary Pathobiology, July 1, 1976 through August 27, 1976. (Fellowship No. 5 F32 CA05040-02, Revised)

TOTAL - FEDERAL CONTRACTS/GRANTS

\$332,665.00

State of Ohio Contracts/Grants

\$24,000.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Development of an instructional media and resource center for pre-service training teachers of the handicapped, Academic Faculty for Exceptional Children, July 1, 1976 through June 30, 1977.

\$19,068.00 - State of Ohio, Department of Education, Columbus, Ohio, Adult Basic Education, Academic Faculty of Vocational-Technical Education, for the fiscal year 1977.

\$16,731.00 - State of Ohio, Department of Education, Columbus, Ohio, Adult Basic Education - Staff Development, Academic Faculty of Vocational-Technical Education, for the fiscal year 1977.

December 15, 1976 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$10,824.00 - State of Ohio, Department of Health, Columbus, Ohio, Follow-Up Study of Graduates from Selected Associate and Baccalaureate Degree Allied Health Education Programs, School of Allied Medical Professions, September 1, 1976 through August 31, 1977.

\$10,670.00 - State of Ohio, Department of Health, Columbus, Ohio, A Study of Allied Health Personnel Production, School of Allied Medical Professions, September 1, 1976 through August 31, 1977.

\$10,560.00 - State of Ohio, Department of Health, Columbus, Ohio, An Inventory of Ohio's Allied Health Personnel, School of Allied Medical Professions, September 1, 1976 through August 31, 1977.

\$10,450.00 - State of Ohio, Department of Health, Columbus, Ohio, An Assessment of the Continuing Education Needs of Allied Health Professionals in the State of Ohio, School of Allied Medical Professions, September 1, 1976 through August 31, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$102,303.00

Industrial and Other Contracts/Grants

\$48,000.00 - City of Columbus, Department of Development, Housing Opportunity Center, Columbus, Ohio, program of the Group for Community Learning (GCL), Department of Psychology, November 1, 1976 through September 30, 1977.

\$13,327.00 - Licking-Delaware Consortium, Licking County, Newark, Ohio, Licking County Employment and Training Administration, The Ohio State University-Newark, October 1, 1976 through November 30, 1976.

\$4,334.00 - International Brotherhood of Painters and Allied Trades, Department of Education, Apprenticeship and Training, Washington, D. C., Job Corps Painting Trades Instructors Seminar, Center for Vocational and Technical Education, November 1, 1976 through December 31, 1976.

\$500.00 - Shawnee Schools, Lima, Ohio, for management seminar, consultation with management team, staff development workshops and community questionnaire, Academic Faculty of Educational Administration, August 1, 1976 through January 31, 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$66,161.00

December 15, 1976 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$199,951.00 - Department of the Air Force, Rome Air Development Center, Air Force Systems Command, Griffiss Air Force Base, New York, Laser Atmospheric Absorption Studies, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4232-A1 - Modification No. P00004)

\$110,000.00 - Department of the Air Force, Rome Air Development Center, Air Force Systems Command, Griffiss Air Force Base, New York, Advanced TDMA Techniques, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4116-A1 - Modification No. P00008)

\$107,398.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 10 Beds, College of Medicine, 1 October 1975 through 30 November 1976. (Project 1196-3R & 2R - Supplement No. 1)

\$79,964.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On-Aircraft Antenna Effects, ElectroScience Laboratory, Department of Electrical Engineering, 30 September 1976 through 29 September 1977. (Project 4583-A1 - New)

\$75,000.00 - Department of the Air Force, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, ElectroScience Laboratory, Department of Electrical Engineering, 18 October 1976 through 17 October 1978. (Project 4589-A1 - New)

\$70,696.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automatic Longitudinal Control of Vehicles, Department of Electrical Engineering, 1 July 1975 through 20 October 1977. (Project 4302-A1 - Modification No. 1)

\$45,884.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Alcohol Abuse and Alcoholism, Rockville, Maryland, Effect of Ethanol on Small Intestinal Function, College of Medicine, 27 September 1976 through 31 August 1977. (Project 4585-A1 - New)

\$37,638.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Measurement of Resistive Torques in Major Human Joints, Department of Engineering Mechanics. (Project 4394-A1 - Modification No. P00002)

December 15, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$35,000.00 - National Science Foundation, Washington, D. C., Isolation by Distance and Age Structure in *Liatris*, Department of Botany, 15 October 1976 through 31 October 1978. (Project 4587-A1 - New)

\$31,895.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients with Bronchogenic Carcinoma, Department of Surgery. (Project 3648-A1 - Modification No. 7)

\$30,090.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Electrically Small Antennas, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4311- A1 - Sponsor Letter Dated 7 October 1976)

\$28,909.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Regional Medical Audiovisual Center, College of Medicine. (Project 4384-A1 - Modification No. 1)

\$23,187.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station, College of Engineering. (Project 4347-A1 - Modification No. 1)

\$20,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, OSU Participation in the CTS Communications Link Characterization Experiment: Scintillation Measurements During the Return of ATS-6, ElectroScience Laboratory, Department of Electrical Engineering, 2 September 1975 through 1 December 1977. (Project 4299-A1 - Modification No. 4)

\$18,460.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Early Non-Contingent Experience and Retention of a Conditioned Response, Department of Psychology, 15 September 1976 through 31 August 1977. (Project 4579-A1 - New)

\$16,970.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, Rockville, Maryland, Tetrahydroisoquinolines and Alcohol Dependence, College of Pharmacy, 27 September 1976 through 31 August 1977. (Project 4586-A1 - New)

December 15, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,981.00 - Employment and Training Administration, U. S. Department of Labor, Washington, D. C., A Comparison of Wholistic and Decomposed Judgement Strategies in Job Analyses by Job Incumbents, Department of Psychology, 1 September 1976 through 31 August 1977. (Project 4578-A1 - New)

\$14,975.00 - Department of the Air Force, Air Force Contract Management Division (PMRB), Kirtland Air Force Base, New Mexico, Advanced GTD Aircraft Study, ElectroScience Laboratory, Department of Electrical Engineering, 7 May 1975 through 7 February 1977. (Project 4172-A1 - Modification No. P00005)

\$9,680.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Electron Microscopy for Calcium Carageenan Hepatic Lesion Study, Department of Veterinary Pathobiology, 1 October 1976 through 30 September 1977. (Project 4594-A1 - New)

\$9,324.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Permanent and Temporary Shifts in Hearing Threshold Produced by Exposure to Air Force Noise, Department of Otolaryngology. (Project 3873-A1 - Modification No. P00005)

\$3,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Antenna Math Modeling (GTD), Department of Electrical Engineering. (Project 4381-A1 - Modification No. P00002)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$984,002.00**

State of Ohio Research Contracts/Grants

\$9,900.00 - The Ohio Program in the Humanities, Columbus, Ohio, Frontier Worthington: And Liberties, Social Values and the American Dream, Department of Communication, 1 August 1976 through 15 December 1976. (Project 4598-A1 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$9,900.00**

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

\$77,476.00 - Toledo Edison Company, Toledo, Ohio, Impingement and Entrainment Study of the Acme and Bay Shore Power Stations, Biological Sciences Administration, College of Biological Sciences, 1 September 1976 through 30 June 1978. (Project 4524-A1 - New)

December 15, 1976 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)

\$28,474.00 - The Regents of the University of Colorado, Denver, Colorado, Study of Various Therapeutic Agent Effects on Crohn's Disease, College of Medicine, 15 May 1972 through 31 August 1977. (Project 3496-A1 - Modification No. 5)

\$28,187.00 - University of Oklahoma, Norman, Oklahoma, Development Center for the Preparation of Supplemental Instructional Units Based on Current Crustal Research for Use in Grades 8-10, Academic Faculty of Science-Mathematics Education, 15 September 1976 through 15 July 1977. (Project 4593-A1 - New)

\$27,146.00 - Kansas State University, Department of Nuclear Engineering at Manhattan, Manhattan, Kansas, Development of Certain Educational Modules for the "Back End" of the Nuclear Fuel Cycle, Department of Mechanical Engineering, 1 August 1976 through 30 September 1978. (Project 4574-A1 - New)

\$26,692.00 - The Procter and Gamble Company, Cincinnati, Ohio, Pathogenesis of the AZP-Induced Neuropathy, College of Medicine, 1 October 1976 through 30 September 1977. (Project 4592-A1 - New)

\$26,077.00 - The Procter and Gamble Company, Cincinnati, Ohio, ZPT Dose-Response Study, Department of Veterinary Clinical Sciences, 1 September 1976 through 31 August 1977. (Project 4591-A1 - New)

\$17,147.00 - Adria Laboratories, Inc., Wilmington, Delaware, Inclusion Compounds of Anticancer Agents, College of Pharmacy, 1 October 1976 through 30 September 1977. (Project 4590-A1 - New)

\$10,000.00 - Orthopaedic Research and Education Foundation, Chicago, Illinois, Role of Synovial Fluid Enzymes in Articular Cartilage Degradation in Osteoarthritis, Department of Surgery, 1 October 1976 through 30 September 1977. (Project 4565-A1 - New)

\$7,504.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Physiological Responses of Females to Interval Training Programs, School of Health, Physical Education, and Recreation, 1 October 1976 through 30 September 1977. (Project 4584-A1 - New)

\$7,445.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Sound Production and Transmission from Major Arteries, Department of Veterinary Physiology and Pharmacology, 1 October 1976 through 30 September 1977. (Project 4582-A1 & B1 - New)

December 15, 1976 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)

\$6,996.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Factors Controlling Fat Synthesis in Liver, Department of Food Science and Nutrition, 1 October 1976 through 30 September 1977. (Project 4580-A1 - New)

\$6,940.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Dobutamine Augmented Digitalis Induced Cardiac Inotropy, Department of Pharmacology, 1 October 1976 through 30 September 1977. (Project 4581-A1 - New)

\$1,450.00 - Corporation for Public Broadcasting, Washington, D. C., Development of Citizen Feedback Mechanisms: Ascertainment for Public Television Stations, Department of Communication, 1 September 1976 through 31 December 1976. (Project 4436-A1 - New)

\$500.00 - University of Oklahoma, Norman, Oklahoma, Development Center for the Preparation of Supplemental Instructional Units Based on Current Crustal Research for Use in Grades 8-10, Academic Faculty of Science-Mathematics Education, 15 September 1976 through 15 July 1977. (Project 4593-B1 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$ 272,034.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contract

\$23,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Field and Laboratory Investigation of Experimental Pavement Using Low Quality Aggregate, Department of Civil Engineering, 1 October 1976 through 31 December 1977. (EES 557)

Industrial and Other Research Contract

\$39,811.00 - Picker Corporation, Northford, Connecticut, Development of a Germanium Gamma Ray Camera System for Nuclear Medicine, Department of Mechanical Engineering, 1 October 1976 through 31 March 1977. (EES 534, Amendment No. 2)

December 15, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$38,495.96 - Trust Under the Will of Paul Swingle, Coral Gables, Florida, as an unrestricted gift to the University.

\$25,672.62 - Estate of Melville S. Saunders, Toronto, Ontario, Canada, for the William G. Pace, III Fund for the advancement of medical knowledge in the field of cancer research through the College of Medicine.

\$20,844.97 - Louise Orr Scott Foundation, Columbus, Ohio--\$15,633.73 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$5,211.24 for their scholarship in Pharmacy.

\$20,000.00 - Estate of Helen A. Ehrhardt, Chicago, Illinois, for the Mark L. Morris Animal Foundation in Veterinary Medicine.

\$13,031.68 - The Ohio Electric Utility Institute, Columbus, Ohio, for their fellowship fund in Electrical Engineering.

\$12,426.96 - Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$7,500.00 - The General Electric Foundation, Bridgeport, Connecticut, for the G. E. Foundation Grant in Metallurgical Engineering Fund.

\$6,283.00 - Estate of William C. Dolch, Cleveland, Ohio, for the Department of Mechanical Engineering Support Fund.

\$6,000.00 - Estate of Melvin E. Moffitt, San Antonio, Texas, for an unrestricted named memorial fund.

\$6,000.00 - Mr. and Mrs. Ugo Quarantelli, LaSpezia, Italy, for the Disaster Research Center.

\$5,800.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for their scholarship fund in Medicine.

\$5,085.00 - Mrs. Marion T. Colwill, Lutherville, Maryland, for Parkinson's Disease research.

\$5,000.00 - Central Ohio Breeding Association, Columbus, Ohio, for the Richard H. Kellogg Honors Scholarship Fund in Agriculture.

December 15, 1976 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 Fund, Dearborn, Michigan, for a new project, "Corporate Associates," to support their program in the College of Administrative Science.

\$5,000.00 - Union Carbide Corporation, New York, New York, for their fellowship and grant-in-aid fund in Chemical Engineering.

Establishment of Named Funds

The Anne Elizabeth Arnholt Scholarship Fund

The Anne Elizabeth Arnholt Scholarship Fund was established December 15, 1976, 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 Irene C. Arnholt, late of Columbus, Ohio, in memory of her daughter, Anne Elizabeth, a former Ohio State student.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 four (4) year scholarships for undergraduate female students who have demonstrated academic ability and/or need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to deserving women who are graduates of an Ohio high school and who are enrolled in the Colleges of Arts and Sciences.

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.

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.

December 15, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Partners and Employees of Price Waterhouse Endowment Fund (contd)

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 and for the recruitment of new faculty members. 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.

The Margaret E. Bazler Memorial Fund

The Margaret E. Bazler Memorial Fund was established December 15, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Virginia Hutchison Bazler, B.S.H.E. '54, and Frank E. Bazler, B.S. '51, J.D. '53, in memory of Margaret E. Bazler, B.A. '26, sister of Mr. 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 for the purchase of books selected by the Dean of the College of Law for placement in the library of the College of Law in memory of Margaret E. Bazler.

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.

December 15, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Julia Roberts Gump Scholarship

The Julia Roberts Gump Scholarship was established December 15, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Julia Roberts Gump, B.S.Edu. '40, M.A. '54, 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 added to the principal until the fund reaches \$10,000. At that time, the income is to be used to provide one or more scholarships to undergraduate students enrolled in the College of Education and majoring in elementary education. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Chairman of the Elementary Education Department and the Dean of the College.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any 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 Chester S. Hutchison Scholarship Fund

The Chester S. Hutchison Scholarship Fund was established December 15, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Virginia Hutchison Bazler, B.S.H.E.'54, and Frank E. Bazler, B.S.'51, J.D. '53, in honor of Mrs. Bazler's father, Chester S. Hutchison, B.S.Agr.'24, M.A.'30.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 \$5,000. At that time, the income is to be used to provide one or more scholarships for students enrolled in the College of Agriculture and Home Economics. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the dean of the College of Agriculture and Home Economics. Students who have demonstrated academic ability and a definite need for financial assistance will be considered for this scholarship.

December 15, 1976 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Chester S. Hutchison Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the College of Agriculture and Home Economics.

The Richard D. Wood, Sr., Endowment Fund

The Richard D. Wood, Sr., Endowment Fund was established December 15, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Richard D. Wood, Sr., B.A.'50, 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 at the discretion of the dean of the College of Humanities in support of programs that will improve the ability of Ohio State students in all fields of study to read and write effectively in English.

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 teaching of the humanities.

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December 15, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 77-65

Synopsis: Plans and specifications have been completed for the following five projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

MUSIC ADDITION

Project: Addition to the West side of the existing Mershon Auditorium which will house the Performance Division of the School of Music.

Funding: H.B. 687, Item 315-095 (Music Addition)

Estimated Project Cost: \$3,500,000.00

TRAFFIC IMPROVEMENTS/CANNON DRIVE IMPROVEMENTS

Project: Improve traffic flow and safety on Stadium Drive and Cannon Drive, and provide for the construction of a new two lane bridge across the Olentangy River.

Funding: (Traffic Improvements - \$650,000.00) H.B. 687, Item 315-097 and (Utilities and Renovation - \$700,000.00) H.B. 687, Item 315-074

Estimated Project Cost: \$1,350,000.00

TEMPORARY VETERINARY CLINIC REMODELING

Project: Remodel space for the Transportation Department.

Funding: H.B. 687, Item 315-074 (Utilities and Renovation)

Estimated Project Cost: \$250,000.00

December 15, 1976 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

OHIO STADIUM REPAIRS 1977

Project: Replacement of deteriorated concrete and repairs to and water-proofing of surfaces on "C" Deck.

Funding: Budget Account 999000 (Athletic Revenues)

Estimated Project Cost: \$250,000.00

ENERGY CONSERVATION, PHASE II (Project "E")

Project: Continuation of program consistent with The Ohio State University Energy Conservation Coordinating Committee. Project "E" modifications will involve work in Goss Laboratory and Veterinary Hospital.

Funding: H.B. 687, Utilities and Renovation

Estimated Project Cost: \$125,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the scope of the Traffic Improvements/Cannon Drive Improvements project was amended to include a walkway by unanimous roll call vote.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the above resolution was adopted by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS

Resolution No. 77-66

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

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

WHEREAS the resolutions adopted by the Board of Trustees at its previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows:

AGRICULTURAL TECHNICAL INSTITUTE, PHASE II (WOOSTER, OHIO)

Description: This is the second major building at the Agricultural Technical Institute, Wooster, Ohio, providing additional classrooms and laboratories, additional greenhouse facilities, pedestrian bridge between Phase I and II buildings and some minor remodeling in Phase I to expand the library.

General Contract

Date Received:	October 27, 1976
No. of Bids:	15
Low Bid:	\$1,976,500.00*
High Bid:	\$2,270,194.00*
Estimate of Cost:	\$2,232,136.00*
Awarded to:	James Williams, Inc. (Canton, Ohio)

Laboratory Equipment Contract

Date Received:	October 27, 1976
No. of Bids:	5
Low Bid:	\$ 71,928.00*
High Bid:	\$ 90,325.00*
Estimate of Cost:	\$ 91,000.00*
Awarded to:	Capital School Equipment (Blacklick, Ohio)

* Recommended Alternates reflected in these figures.

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

AGRICULTURAL TECHNICAL INSTITUTE, PHASE II (WOOSTER, OHIO) (contd)

Plumbing Contract

Date Received: October 27, 1976
No. of Bids: 6
Low Bid: \$ 282,500.00* **
High Bid: \$ 499,200.00*
Estimate of Cost: \$ 211,000.00*
Awarded to: The Altland Plumbing and Heating Co. (Massillon, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received: October 27, 1976
No. of Bids: 6
Low Bid: \$ 631,781.00* **
High Bid: \$1,115,825.00*
Estimate of Cost: \$ 525,500.00*
Awarded to: Shepp Plumbing and Heating Co. (Norwalk, Ohio)

* Recommended Alternates reflected in these figures.

**The Plumbing Contract and Heating, Ventilating and Air Conditioning Contract are in excess of the estimate of cost; however, the total price of all contracts is within the total estimate of cost and are therefore being recommended for award as per Section 153.12 of the Ohio Revised Code.

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

AGRICULTURAL TECHNICAL INSTITUTE, PHASE II (WOOSTER, OHIO) (contd)

Electrical Contract

Date Received:	October 27, 1976
No. of Bids:	5
Low Bid:	\$ 328,100.00*
High Bid:	\$ 431,972.00*
Estimate of Cost:	\$ 395,700.00*
Awarded to:	Wharton Electric, Inc. (North Industry, Ohio)
Total All Contracts:	\$3,290,809.00*
Total Project Cost:	\$4,000,000.00
Funding:	H.B. 687, Item 366-002 (Agricultural Technical Institute, The Ohio State University, Phase II)

* Recommended Alternates reflected in these figures.

CLINICAL MEDICAL SCIENCES EDUCATION FACILITY (PHASE II)

Description: An additional \$28,000,000 was approved in H.B. 687 (1975-77) for the continuation of the expansion to the University Hospital. Phase I of this work is ongoing. The additional work will provide for ancillary and support services which will be located on the fourth and fifth floors. These Phase II contracts will complete nine additional floors and provide 362 new in-patient beds, nine new operating rooms, two classrooms, and one clinical classroom, and include tertiary care, diagnostic and treatment facilities.

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

CLINICAL MEDICAL SCIENCES EDUCATION FACILITY (PHASE II) (contd)

General Contract

Date Received: November 12, 1976
No. of Bids: 2
Low Bid: \$7,830,450.00* **
High Bid: \$8,297,000.00*
Estimate of Cost: \$9,645,010.00*
Awarded to: Robert Setterlin and Sons (Columbus, Ohio)

Plumbing Contract

Date Received: November 12, 1976
No. of Bids: 4
Low Bid: \$1,542,480.00*
High Bid: \$1,780,100.00*
Estimate of Cost: \$1,819,633.00*
Awarded to: Limbach Company (Columbus, Ohio)

Heating, Ventilating and Air Conditioning (Air Side) Contract

Date Received: November 12, 1976
No. of Bids: 5
Low Bid: \$1,727,050.00*
High Bid: \$2,672,022.00*
Estimate of Cost: \$1,728,447.00*
Awarded to: Kirk Williams Company (Grove City, Ohio)

* Recommended Alternates reflected in these figures.

** Also includes negotiated items with the Department of Administrative Services, Division of Public Works.

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

CLINICAL MEDICAL SCIENCES EDUCATION FACILITY (PHASE II) (contd)

Heating, Ventilating and Air Conditioning (Waterside) Contract

Date Received: November 12, 1976
No. of Bids: 5
Low Bid: \$ 980,600.00*
High Bid: \$1,296,500.00*
Estimate of Cost: \$2,196,697.00*
Awarded to: J. A. Guy Company (Dublin, Ohio)

Fire Sprinkler System Contract

Date Received: November 12, 1976
No. of Bids: 6
Low Bid: \$ 306,160.00*
High Bid: \$ 450,748.00*
Estimate of Cost: \$ 375,040.00*
Awarded to: Grunau Sprinkler (Cincinnati, Ohio)

Electrical Contract

Date Received: November 12, 1976
No. of Bids: 4
Low Bid: \$2,065,665.00* **
High Bid: \$3,141,332.00*
Estimate of Cost: \$3,117,300.00*
Awarded to: E. C. Ernst, Inc. (Columbus, Ohio)

* Recommended Alternates included in these figures.

** Also includes negotiated items with the Department of Administrative Services, Division of Public Works.

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

CLINICAL MEDICAL SCIENCES EDUCATION FACILITY (PHASE II) (contd)

Temperature Controls Contract

Date Received: November 12, 1976
No. of Bids: 4
Low Bid: \$ 514,690.00*
High Bid: \$ 619,300.00*
Estimate of Cost: \$ 701,100.00*
Awarded to: Honeywell, Inc. (Columbus, Ohio)

Insulation Contract

Date Received: November 12, 1976
No. of Bids: 5
Low Bid: \$ 345,063.00* **
High Bid: \$ 482,070.00*
Estimate of Cost: \$ 546,275.00*
Awarded to: A. C. and S. (Columbus, Ohio)

Hospital Casework Contract

Date Received: November 12, 1976
No. of Bids: 4
Low Bid: \$ 506,445.00*
High Bid: \$ 612,601.00*
Estimate of Cost: \$ 793,680.00*
Awarded to: Hamilton Industries (Two Rivers, Wisconsin)

*Recommended Alternates included in these figures.

**Also includes negotiated items with the Department of Administrative Services,
Division of Public Works.

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

CLINICAL MEDICAL SCIENCES EDUCATION FACILITY (PHASE II) (contd)

Pneumatic Tube System Contract

Date Received: November 12, 1976
No. of Bids: 3
Low Bid: \$ 119,843.00
High Bid: \$ 137,769.00
Estimate of Cost: \$ 148,975.00
Awarded to: Diebold, Inc. (Lamson Division) (Broadview Heights, Ohio)

Hospital Equipment Contract

Date Received: November 12, 1976
No. of Bids: 2
Low Bid: \$ 167,190.00*
High Bid: \$ 180,082.00*
Estimate of Cost: \$ 239,450.00*
Awarded to: American Sterilizer Company (Cincinnati, Ohio)

Food Service Equipment Contract

Date Received: November 12, 1976
No. of Bids: 4
Low Bid: \$ 196,350.00
High Bid: \$ 230,334.00
Estimate of Cost: \$ 230,970.00
Awarded to: Food Service Equipment, Inc. (Cleveland, Ohio)

* Recommended Alternates included in these figures.

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

CLINICAL MEDICAL SCIENCES EDUCATION FACILITY (PHASE II) (contd)

Total All Contracts: \$16,301,986.00

Funding: H.B. 985, Item 315-077 -	\$ 9,753,627.00
H.B. 687, Item 315-094 -	28,000,000.00
Federal Grant (HEW)	2,707,018.00
Local Funds	380,187.00
Total Project Funds	\$40,840,832.00 (Phase I and II)

Contained in the recommendation by the Ohio Department of Administrative Services, Division of Public Works, were the following:

Heating, Ventilating and Air Conditioning - Temperature Controls Contract is recommended for award to the second lowest bidder. The equipment of the low bidder, Powers Regulator Company, did not meet the intent of the specifications.

Metal Hospital Casework Contract is recommended for award to the second lowest bidder. The proposal of the low bidder, Phillips Roxane Laboratories, Inc., was rejected because their equipment does not meet the standards specified and for failure to bid Alternates CW-4, CW-5 and CW-6 which are being awarded.

Food Service Equipment Contract is recommended for award to the second lowest bidder. The low bidder, Great Lakes Hotel Supply Company, withdrew their bid, as permitted by Section 9.31 of the Revised Code, due to a clerical error.

The contractors noted above have complied with the requirements of Section 13 of Amended Substitute House Bill No. 687 pertaining to Equal Employment Opportunity.

December 15, 1976 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

**PAINTING--INTERIOR (MATHEMATICS BUILDING, MCPHERSON CHEMISTRY
LABORATORY AND PLUMB HALL)**

General Contract

Date Received:	November 23, 1976
No. of Bids:	8
Low Bid:	\$ 55,709.00*
High Bid:	\$ 82,915.00*
Estimate of Cost:	\$ 85,640.00*
Awarded to:	Mollenauer Painting Company (Columbus, Ohio)
Total Project Cost:	\$ 59,610.00*
Funding:	Budget Account 126070 (Contract Repair)

*Recommended Alternates reflected in these figures.

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

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CONDEMNATION OF PROPERTY

Resolution No. 77-67

Synopsis: The property known as 333 West Ninth Avenue is necessary for the proper development of off-street parking facilities.

WHEREAS the Board of Trustees of The Ohio State University deems it in the public interest and necessary to provide additional parking facilities for University students, faculty, personnel and public visitors; and

WHEREAS the Board of Trustees has determined that the real property owned by Paul D. and Ruth Ritter, and generally known as 333 West Ninth Avenue, Columbus, Ohio, is necessary to the proper development of said off-street parking facilities; and

WHEREAS the Board of Trustees has been unable to agree with the owner of said property, and it is therefore necessary to appropriate the fee simple interest in said property pursuant to the laws of the State of Ohio;

December 15, 1976 meeting, Board of Trustees

CONDEMNATION OF PROPERTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University hereby requests the Director of Administrative Services of the State of Ohio to proceed pursuant to law to appropriate property owned by Paul D. and Ruth Ritter, which is generally known as 333 West Ninth Avenue, Columbus, Ohio, and which is more fully described as follows:

Situated in the County of Franklin, State of Ohio, in the City of Columbus, and more particularly described as follows:

Being Lot Number Twenty-Nine (29) in WILLIAM N. KING'S NEIL AVENUE SUBDIVISION, as the said lot is numbered and delineated upon the recorded plat thereof, of record in Plat Book 7, page 96, Recorder's Office, Franklin County, Ohio.

BE IT FURTHER RESOLVED, That it is found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in open meeting of this Board, and that all deliberations of this Board 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 Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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ACCEPTANCE OF A GIFT OF PROPERTY

Resolution No. 77-68

Synopsis: Acceptance of a gift of property with the proceeds to be used for the establishment of an "Endowed Professorship."

WHEREAS The Ohio State University Development Fund is the official gift-receiving agency of The Ohio State University; and

WHEREAS Mr. William H. Davis, Mrs. William H. (Dorothy) Davis and son, William C. Davis, have proposed a gift to The Ohio State University by deed all interest in equity and income as of the date of transfer of property being a shopping center known as 208 through 256 West Center Street, Marion, Ohio; and

WHEREAS the purpose of this gift is for the establishment of an endowed professorship in the American Free Enterprise System in the College of Administrative Science with the stipulation that upon sufficient funding, this "Endowed Professorship" become an "Endowed Chair in the American Free Enterprise System" bearing the same designated purpose as specified for the professorship:

December 15, 1976 meeting, Board of Trustees

ACCEPTANCE OF A GIFT OF PROPERTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to enter into negotiations and accept the gift of the above described property at the completion of such successful negotiations and that an endowed professorship be established with the funds available from this gift with the stipulation that the "Endowed Professorship in the American Free Enterprise System" be changed to an "Endowed Chair in the American Free Enterprise System," upon addition of sufficient funds as set forth in the Board action of March 3, 1972.

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

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY FOR
THE FISCAL YEAR JULY 1, 1974 THROUGH JUNE 30, 1975**

Resolution No. 77-69

Synopsis: Report of State Auditor for The Ohio State University for fiscal year July 1, 1974 through June 30, 1975, 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 annual report of the Auditor of State for The Ohio State University for the period July 1, 1974 through June 30, 1975, 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. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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December 15, 1976 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE

Resolution No. 77-70

Mr. Devenow presented the following resolution on behalf of the Fiscal Affairs Committee:

Hospital Professional Liability Coverage

WHEREAS the Board of Trustees on November 5, 1976, authorized the short-term continuation of the insurance provided by the Joint Underwriting Association and a feasibility study for a self-insured program; and

WHEREAS the Hospital Professional Liability Insurance Program has been under continuous review; and

WHEREAS an investigation and evaluation of all facts have been made by various University officials, legal counsel and governmental agencies relative to the feasibility of the implementation and operation of a self-insured program; and

WHEREAS on the basis of this evaluation it has been determined that such a program can be established within appropriate fiscal and legal parameters:

NOW THEREFORE

BE IT RESOLVED THAT,

Pursuant to Section 2743.02 (C) O.R.C., The Ohio State University Hospitals hereby agree to indemnify and hold harmless those persons for whom insurance has been afforded under policies numbered HPL 101835 and XHPL 101836 previously issued by the Ohio Medical Professional Liability Underwriting Association on the same basis and subject to the same terms and conditions as if said policies had been annually renewed and continued in force, and subject to the limitations imposed in Section 2743.02 (C) O.R.C.; and

The Ohio State University Hospitals, to the limits permitted by Section 2743.02 (C) O.R.C., hereby agree to indemnify and hold harmless the members of the Board of Trustees of The Ohio State University against expense, including attorneys' fees, damage, loss or other liability arising out of, or claimed to have arisen out of, the death, disease or injury of any person as a result of the 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

Pursuant to Section 2743.02 (C) O.R.C., The Ohio State University Hospitals, in electing to indemnify such persons, shall reserve such funds as are necessary, in the exercise of sound and prudent actuarial judgment, to secure such potential expense, fees, damage, loss, or other liability, and shall request the Superintendent of Insurance to recommend a specific amount for any given period of time that in his opinion represents such a judgment.

IN FURTHERANCE OF THE ABOVE, BE IT RESOLVED THAT,

December 15, 1976 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

The President and/or Vice President for Business and Administration be authorized to establish and administer a program which provides Hospital Professional Liability programs which shall be developed consistent with the following policy guidelines:

1. The creation of a hospital indemnification reserve in the amount of \$2,000,000 which shall be deposited with the University Treasurer. Funds for this reserve shall be provided from University Hospitals budgets in order to secure projected and potential expenses - fees, damage, loss, or other liability and funding for specific program requirements as outlined in paragraphs 2, 3, 4, and 5 of this resolution.
2. The purchase of "tail" insurance for a one-year period from the J.U.A. at a cost of \$86,823 in order to provide coverage for possible claims liability that may arise for the past policy year.
3. The purchase of loss control services to provide for a survey evaluating Hospital administrative and operating procedures as well as providing two safety inspections per year. The estimated cost of this service is \$10,375 annually.
4. The purchase of claims administration service providing for: examination of all incident reports; investigation, adjustment and settlement or resistance of claims; recommendations on the disposition of claims; creation and maintenance of a complete file on each claim; and providing a monthly report to the Hospitals evaluating the indemnification program. The estimated cost for this service is \$33,100 annually.
5. The purchase of non-staff services associated with the indemnification program, including but not limited to, court costs, legal fees, investigative fees and expert witness fees.
6. The appointment of a committee by the Vice President for Business and Administration to oversee all activities of the hospital indemnification reserve. This committee shall on an annual basis file a statement of operations with the Board of Trustees summarizing the activities/status of the reserve along with an actuarial report regarding the solvency of the program.

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

December 15, 1976 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

Several of the Board members requested some clarification of the wording of the resolution as proposed. Mr. Smith indicated that he doubted that the Superintendent of Insurance had people on his staff who would be qualified to make judgments specified in this resolution. The University's legal counsel, Mr. Davis, defended the language used in this resolution.

Dr. Jacob questioned the coverage for oral surgery residents in the College of Dentistry. He expressed concern that they might not be covered. Mr. Scott and Mr. Davis indicated that if they were covered under the Joint Underwriting Association program this past year, that they would also be covered under the new insurance program. It was pointed out to Dr. Jacob that this program is designed to operate within the existing framework established by the Ohio Revised Code.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 77-71

RESOLVED, that the report on the University's Investment Portfolio dated December 13, 1976, 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 - DR. JAMES A. NORTON, CHANCELLOR, BOARD OF REGENTS

Resolution No. 77-72

President Enarson introduced Dr. James A. Norton, Chancellor of the Ohio Board of Regents, who spoke on the 1977-79 budget projections for higher education in the state of Ohio. Dr. Norton indicated that the University could expect about a one-tenth percent budget increase over the current biennium during the next two years. This amount is based on the approximate \$1.2 billion budget he thinks Governor Rhodes will recommend to the Ohio General Assembly. The state-supported institution would need about \$1.3 billion as a continuation budget - which would provide slight staff increases in salary but no new programs or expansion of existing programs.

President Enarson said, "There is no way we can live with that." He stated further that if this figure was the final one, the University would have three alternatives:

- (1) a flat pass-through to students in the form of higher fees, which would be so large as to be totally impractical, either in justice or common sense.
- (2) no increase in pay for faculty and staff.
- (3) a cut in programs.

The choices are not pleasant and it might be that a combination of the three will be necessary.

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December 15, 1976 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, February 4, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Acting Secretary

M. Merle Harrod
Chairman

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

Columbus, Ohio, February 4, 1977

The Board of Trustees met at its regular monthly meeting on Friday, February 4, 1977, at The Ohio State University - Ohio Union, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Vice Chairman, Howard D. Sirak, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, and Donald J. Hilliker.

* * *

Minutes of the last meeting were approved.

* * *

Federal Energy Administration
Region V
Energy Conservation
Special Achievement Award

Presented to

 hio  tate  niversity

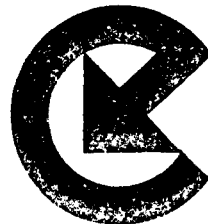
Columbus, Ohio

In recognition of outstanding leadership in implementing or promoting energy conservation measures which have resulted in a significant contribution towards conserving our Nation's energy resources.



M. Allen Anderson
Regional Administrator

October, 1976



February 4, 1977 meeting, Board of Trustees

**PRESENTATION OF FEDERAL ENERGY ADMINISTRATION
SPECIAL ACHIEVEMENT AWARD**

Mr. Kenneth Johnson of the Region V Office of the Federal Energy Administration, Chicago, Illinois, presented a Special Achievement Award to President Enarson commending The Ohio State University's leadership in implementing energy conservation programs.

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RESOLUTIONS IN MEMORIAM

Resolution No. 77-73

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

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. Devenow, seconded by Dr. Jacob, the Board adopted the foregoing resolution by unanimous voice vote.

Sidney C. Eboch

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 31, 1976, of Sidney C. Eboch, Professor in the College of Education, Academic Faculty of Curriculum and Foundations.

Professor Eboch was born on April 27, 1923, in Hollidaysburg, Pennsylvania. He received a Bachelor of Arts degree from Pennsylvania State University in 1946. He then taught in the Morrison Cove High School in Pennsylvania from 1946 to 1952. In the period from 1952 to 1962, in addition to pursuing graduate studies at the University of Southern California, he was a teacher for two years in the LaCanada Elementary School; and he was an Assistant Professor of Education at San Jose State College for five years. He received two degrees from the University of Southern California, the Master's in 1954 and the Ph.D. in 1962, both in Instructional Technology. He was an Associate Professor of Education at the State College at Hayward, California, from 1962 to 1964 when he became a member of the College of Education faculty at The Ohio State University. He was Associate Professor in the area of educational communications from 1964 to 1970 and Professor from 1970.

Professor Eboch's interests in educational communications were primarily in the development of teaching materials and media. He was deeply concerned about the availability and wise use of effective teaching materials in elementary and secondary schools, and he had a strong interest in working with teachers, both pre-service and in-service. He served as a consultant to school systems, colleges and state departments of education as well as to various state and national agencies. He was a Visiting Professor at Fresno State College, San Jose State College, Colorado State University, Michigan State University and the University of

February 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Sidney C. Eboch (contd)

Southern California. He served on Faculty and College committees and participated in the development of College and University-wide facilities. He was active in professional organizations in library, audiovisual education and educational technology. Professor Eboch was the author of a number of publications in his field, and he was widely recognized for his service to the profession. He had been selected to receive the 1977 Special Service Award from the Association for Educational Communications and Technology.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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.

Alma L. Garvin

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 7, 1976, of Alma L. Garvin, Professor Emeritus, Cooperative Extension Service.

Miss Garvin was born in Elyria, Ohio, on February 17, 1888. Following high school, she attended The Ohio State University where she received a Bachelor of Science degree in 1911. She pursued graduate work at the University of Chicago during the summer of 1917 and in 1926 enrolled in a master's program at Teachers College, Columbia University, receiving a M.A. degree in nutrition in 1927. She completed an additional summer of graduate work at Columbia University in 1940.

Miss Garvin began her home economics career as a foods demonstrator for Procter and Gamble. Following that experience, she became an institute speaker for Purdue University and conducted many short courses for rural women in Indiana. From 1914 until 1920 she was employed as a Home Economics specialist at Purdue University. On August 1, 1920, she joined the faculty of The Ohio State University as an Extension Specialist in Nutrition and retired from that position on March 31, 1953, after more than 32 years of service to the people of Ohio. Since her retirement, she had lived in California near her older sisters and in 1971 moved into Los Gatos Meadows, a life care retirement residence where she lived a full life among friends.

Miss Garvin prepared bulletins and outlines for teaching in the subject areas of food and nutrition and taught many groups of homemakers and professional home economists throughout Ohio. She was a member of the American Home Economists Association, the American Dietetics Association, the Foods for Freedom group, Omicron Nu, a Home Economics Honorary, and an active member of the American Association of University Women and her church.

Miss Garvin was raised by her grandmother near Cambridge City, Indiana, after her mother's death when Alma was only three years old. She was a warm, friendly, empathetic teacher. A letter from one of her students at the time of her retirement said, "I remember you as the first specialist to come to our community. We chose the study of foods because we consid-

February 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Alma L. Garvin (contd)

ered it of greatest importance. Since that time you have endeared yourself throughout the state. In fact, I believe the Extension Service will never be the same without you."

In behalf of the University community, the Board of Trustees expresses its deepest sympathy to the family of Miss Alma L. Garvin. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that copies be tendered to Miss Garvin's nephews as sincere appreciation for the life she lived and realization of the loss to her family, friends, associates and to The Ohio State University.

Rudolf Kaelbling

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 16, 1976, of Rudolf Kaelbling, Professor in the Department of Psychiatry.

It is more than twenty years since Doctor Rudolf Kaelbling came to Columbus as a Resident in Psychiatry. In doing so, he began an uninterrupted period of dedicated service in The Ohio State University College of Medicine that continued until his recent death.

Rudolf Kaelbling was born at Ulm on the Danube in West Germany and had an outstanding record as a student. He attended the Eberhard-Karls University School of Medicine, in Tubingen, Germany, and graduated in 1954. After an initial house staff appointment in Bremen, he immigrated to the United States and had a further year of internship in Toledo. Very soon after his arrival in this country, he was accepted for residency training in Psychiatry at The Ohio State University.

He and Ralph Patterson, who was then Chairman of Psychiatry, discovered each other in the fall of 1955. The following year the relationship between student and teacher began its growth into what would become a fruitful collaboration that included their co-authorship of a major textbook of eclectic psychiatry published in 1966.

During his lifetime he fulfilled many roles and set a fine example for others to follow--as son and brother, as husband and father, as physician and teacher, as scientist and leader of his profession. It was small wonder that he was counted on to fill so many important functions, such as Chief of the Consultation-Liaison Service, Coordinator of Graduate Education in Psychiatry, Chairman of the Departmental Graduate Committee, and Executive Secretary of the Psychiatric Research Foundation of Columbus.

It is in part through his own example and gentle persuasiveness that he will continue to exert a profound influence on the Department for many years to come. Rudi was thoughtful and considerate of others right up until the end. His terminal illness progressed so rapidly that he was still able to give valued advice only a few days before his death. Those who must carry out his imperatives have the example of an outstanding leader to follow. He can best be honored by accepting the message contained in the words of Walter Lippmann, who remarked: "The final test of a leader is that he leaves behind him in other men the conviction and the will to carry on."

February 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Rudolf Kaelbling (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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 (SECOND QUARTER, 1977)

Resolution No. 77-74

Synopsis: The second quarter summary report of the current funds budget is presented for review.

WHEREAS the second quarterly report of the 1976-77 current funds budget which is presented for review by the Board of Trustees incorporates the final determination of subsidy earnings on all campuses by the Ohio Board of Regents and these subsidy earnings do not differ materially from subsidy estimates reported to the Board in December, 1976; and

WHEREAS many resource and expenditure estimates have been revised as actual data for the first two quarters of 1976-77 became available these revisions were minor except for sponsored research programs administered by The Ohio State University Research Foundation, University Hospitals, and other sponsored public service programs so that estimates of sponsored research programs were revised upward and sponsored public service programs were revised downward to reflect changes in the volume of grants and contracts received and estimates of income and expense of University Hospitals were increased upward reflecting a higher volume of activity than originally anticipated; and

WHEREAS except for these above revisions, there are not significant changes to the current funds budget submitted to and approved by the Board of Trustees on December 15, 1976:

NOW THEREFORE

BE IT RESOLVED, That the accompanying quarter budget report be accepted.

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

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NAMING OF BUILDING

Resolution No. 77-75

Synopsis: Naming of Electronics Laboratories is proposed.

TABLE 1

THE OHIO STATE UNIVERSITY
1976-77 Current Funds Budget
Budgeted Expenditures for the 1976-77 Year

	Budget Approved December 15, 1976	Proposed Revised Budget February 4, 1977
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$125,453,000	\$125,485,000
Libraries	6,632,000	6,635,000
Other Academic Support	2,036,000	2,087,000
Student Services	6,388,000	6,330,000
Plant Operation	19,926,000	20,009,000
Institutional Support	14,341,000	14,395,000
Total Instructional and General	\$174,776,000	\$174,941,000
Sponsored Research		
Research Foundation	\$ 17,790,000	\$ 18,500,000
Engineering Experiment Station	2,400,000	2,400,000
Research Administration	1,946,000	1,946,000
University Sponsored Research	1,533,000	1,533,000
Other Grants and Contracts	2,187,000	2,187,000
Total Sponsored Research	\$ 25,856,000	\$ 26,566,000
Public Service		
University Hospitals	\$ 70,780,000	\$ 71,566,000
Cooperative Extension Service	15,886,000	16,126,000
Other Grants and Contracts	14,338,000	13,309,000
University Sponsored Programs	2,654,000	2,654,000
Conferences	1,650,000	1,700,000
Total Public Service	\$105,308,000	\$105,355,000
Scholarships and Fellowships	\$ 5,609,000	\$ 5,609,000

February 4, 1977 meeting, Board of Trustees

TABLE 1 (contd)

THE OHIO STATE UNIVERSITY
 1976-77 Current Funds Budget
 Budgeted Expenditures for the 1976-77 Year

	Budget Approved December 15, 1976	Proposed Revised Budget February 4, 1977
Auxiliaries		
Student Housing	\$ 17,160,000	\$ 17,160,000
Intercollegiate Athletics	7,044,000	6,890,000
University Bookstores	4,356,000	4,356,000
Facilities Services	2,349,000	2,349,000
Student Unions	2,109,000	2,189,000
Parking Facilities	1,991,000	2,001,000
Student Health Service	2,049,000	2,049,000
University Airport	1,518,000	1,425,000
Fawcett Center for Tomorrow	1,193,000	1,193,000
Other	759,000	809,000
Total Auxiliaries	\$ 40,528,000	\$ 40,421,000
Total Columbus Campus	\$352,077,000	\$352,892,000
Regional Campuses		
Administration	\$ 133,000	\$ 133,000
Lima Campus	2,212,000	2,243,000
Mansfield Campus	2,303,000	2,293,000
Marion Campus	1,388,000	1,368,000
Newark Campus	1,975,000	2,034,000
Agricultural Technical Institute	1,848,000	1,971,000
Wright Patterson Graduate Center	150,000	210,000
Total Regional Campuses	\$ 10,009,000	\$ 10,252,000
Grand Total	\$362,086,000	\$363,144,000

February 4, 1977 meeting, Board of Trustees

TABLE 2

THE OHIO STATE UNIVERSITY
 1976-77 Current Funds Budget
 Sources of Income to Support the 1976-77 Budget

	Budget Approved December 15, 1976	Proposed Revised Budget February 4, 1977
Columbus Campus		
Government Appropriations		
State of Ohio	\$119,842,000	\$120,340,000
Federal	44,654,000	44,457,000
Subtotal	\$164,496,000	\$164,797,000
Student Fees		
Instructional and General	\$ 49,230,000	\$ 49,230,000
Room and Board	13,821,000	13,821,000
Other	1,920,000	1,970,000
Subtotal	\$ 64,971,000	\$ 65,021,000
Other Income		
Auxiliary Sales and Charges	\$ 90,873,000	\$ 91,422,000
Department and University Services	14,761,000	15,188,000
Endowment Income	2,849,000	2,814,000
Gifts and Grants	12,130,000	11,652,000
Temporary Investments	2,000,000	2,000,000
Subtotal	\$122,613,000	\$123,076,000
Total Columbus Campus	\$352,080,000	\$352,894,000
Regional Campuses		
Lima Campus	\$ 2,246,000	\$ 2,278,000
Mansfield Campus	2,353,000	2,358,000
Marion Campus	1,418,000	1,398,000
Newark Campus	2,016,000	2,070,000
Agricultural Technical Institute	1,878,000	2,088,000
Wright Patterson Graduate Center	150,000	210,000
Total Regional Campuses	\$ 10,061,000	\$ 10,402,000
Grand Total	\$362,141,000	\$363,296,000

February 4, 1977 meeting, Board of Trustees

NAMING OF BUILDING (contd)

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in Article VIII, Section 7, of the *Bylaws of the Board of Trustees*; and

WHEREAS the President recommends, with the concurrence of the President's Staff, that the Electronics Laboratories located at 2015 Neil Avenue be named in honor of and in tribute to the distinguished and nationally recognized educational leader, Erwin E. Dreese, who joined the Ohio State faculty in 1930, where he became a Professor and Chairman of the Department of Electrical Engineering and was named Professor Emeritus in 1965:

NOW THEREFORE

BE IT RESOLVED, That the above described building be named Erwin E. Dreese Laboratories to honor Professor Dreese.

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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**ESTABLISHMENT OF THE JUDSON D. WILSON PROFESSORSHIP
IN ORTHOPEDIC SURGERY**

Resolution No. 77-76

Synopsis: An "Endowed Professorship" in orthopedic surgery in the College of Medicine is being proposed.

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

WHEREAS a gift to The Ohio State University Development Fund from Wolfe Associates, Inc., Preston W. Wolfe, John W. Wolfe and friends and associates of Judson D. Wilson, M.D., has been received for the establishment of "The Judson D. Wilson Professorship in Orthopedic Surgery"; and

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

WHEREAS the annual income is to be used to provide salary and program support for the work of a distinguished orthopedic surgeon whose appointment to the Wilson Professorship will be recommended by the Dean of the College of Medicine to the Provost and President and approved by the Board of Trustees of The Ohio State University; and

February 4, 1977 meeting, Board of Trustees

**ESTABLISHMENT OF THE JUDSON D. WILSON PROFESSORSHIP
IN ORTHOPEDIC SURGERY (contd)**

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 orthopedic surgery:

NOW THEREFORE

BE IT RESOLVED, That The Judson D. Wilson Professorship in Orthopedic Surgery be established in accordance with the wishes of the donors.

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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ESTABLISHMENT OF THE LOUIS LEVY PROFESSORSHIP IN CANCER

Resolution No. 77-77

Synopsis: An "Endowed Professorship" for cancer research in the College of Medicine is being proposed.

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

WHEREAS a gift to The Ohio State University Development Fund from Mid-Ohio Automotive, Inc., Columbus, Ohio, has been received for the establishment of "The Louis Levy Professorship in Cancer"; and

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

WHEREAS the annual income is to be added to the principal until the fund reaches \$150,000 at which time the income is to be used to provide salary and program support for the work of a distinguished scholar in cancer research or teaching whose appointment to the professorship will be recommended by the Dean of the College of Medicine to the Provost and approved by 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 administrative official of the University who is then directly responsible for cancer research or teaching:

February 4, 1977 meeting, Board of Trustees

ESTABLISHMENT OF THE LOUIS LEVY PROFESSORSHIP IN CANCER (contd)

NOW THEREFORE

BE IT RESOLVED, That The Louis Levy Professorship in Cancer be established in accordance with the wishes of the donor.

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

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HONORARY DEGREES

Resolution No. 77-78

Synopsis: Approval is requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 29.2727, have approved for recommendation to the Board of Trustees awarding of the honorary degree as listed below:

Roy J. Plunkett

Doctor of Science

WHEREAS the President, after consultation with the Steering Committee of the University Senate, pursuant to Rule 11.05, has approved for recommendation to the Board of Trustees the awarding of the honorary degree as listed below:

William Willard Wirtz

Doctor of Humanities

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with this recommendation at a time convenient to the University and the recipients.

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

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DEGREES AND CERTIFICATES--WINTER QUARTER COMMENCEMENT

Resolution No. 77-79

Synopsis: Approval is being requested for awarding degrees and certificates for the March Commencement.

February 4, 1977 meeting, Board of Trustees

DEGREES AND CERTIFICATES--WINTER QUARTER COMMENCEMENT (contd)

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees of The Ohio State University*, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit to the University Senate names of persons who have completed degree and certificate requirements, in accordance with Rule 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 17, 1977, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

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

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AMENDMENT TO RULE 35.11 OF RULES OF THE UNIVERSITY FACULTY

Resolution No. 77-80

Synopsis: Modification of Rule 35.11 of Rules of the University Faculty is proposed.

WHEREAS Rule 35.11 of *Rules of the University Faculty* relative to the alteration of marks should give recognition to the fact that errors other than "clerical" sometimes occur in grading; and

WHEREAS the change in grade should be permitted when an error has been discovered so that each student will receive the mark earned in accordance with the criteria applied to other students in the class; and

WHEREAS it is necessary and appropriate that all such alterations should be initiated by the course instructor and subject to the usual review and approval by the instructor's department, school and college, and by the student's enrollment unit; and

WHEREAS students should be informed of the importance of bringing questions concerning grades to the attention of the instructor within two quarters:

NOW THEREFORE

BE IT RESOLVED, That Rule 35.11 be revised in accordance with the action taken by the University Senate on November 20, 1976;

February 4, 1977 meeting, Board of Trustees

AMENDMENT TO RULE 35.11 OF RULES OF THE UNIVERSITY FACULTY (contd)

35.11. Alteration of Marks

Section 1. A mark filed in the Office of Records is a part of the official records of the University. It is not subject to change except upon written authorization of:

- a) the instructor of the course,
- b) the instructor's Department Chairperson, if applicable,
- c) the Director of the instructor's School, if applicable,
- d) the Dean of the instructor's College, and
- e) the authorized representative of the Dean or Director of the student's enrollment unit.

Such change shall be made only when error has been discovered in evaluation or recording of a grade. In no case will a grade be revised in accordance with criteria other than those applied to all students in the class. Action to change a grade must be initiated before the end of the second succeeding quarter.

Section 2 and Section 3 are unchanged.

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

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ESTABLISHMENT OF NATIONAL REGULATORY RESEARCH INSTITUTE

Resolution No. 77-81

Synopsis: Establishment of National Regulatory Research Institute is proposed.

WHEREAS The Ohio State University has been designated by the National Association of Regulatory Utility Commissioners (NARUC) as the site for the National Regulatory Research Institute; and

WHEREAS the National Association of Regulatory Utility Commissioners Ad Hoc Committee on Regulatory Research will work with the University in seeking support for cooperative and coordinated research amongst the various state regulatory agencies and from other potential sponsors:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University accept the designation as the site for the National Regulatory Research Institute, effective for the year January 1, 1977 through December 31, 1977, with an initial grant of \$15,000.

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

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February 4, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 77-82

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 "Salary Roll" of the University since the December 15, 1976, meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1976-1977, be approved.

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

Appointments

Name: ROBERT F. REDMOND
Titles: Director, Engineering Experiment Station
Associate Dean, College of Engineering
Professor, Department of Mechanical Engineering
Effective: February 1, 1977
Salary: \$37,080.00
Present Position: Professor, Department of Mechanical Engineering

Name: MINNIE M. MCGEE
Title: Assistant Dean
College: Engineering
Effective: February 1, 1977
Salary: \$16,920.00
Present Position: Academic Adviser, College of Engineering

Name: TIEN Y. CHEN
Title: Professor and Acting Chairman
Department: Civil Engineering
Effective: January 1, 1977
Salary: \$26,400.00
Present Position: Professor, Department of Civil Engineering

Leaves of Absence Without Salary

ALFRED E. ECKES, JR., Associate Professor, Department of History, effective April 1, 1977 through March 31, 1978, to serve as Assistant Editor with the *Columbus Dispatch*.

February 4, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

LEWIS A. LINDNER, Assistant Professor, Department of Psychiatry, effective October 18, 1976 through July 10, 1977, to work on a project for the State of Ohio, Department of Mental Health and Mental Retardation.

CAROL J. BININGER, Instructor, School of Nursing, effective January 1, 1977 through June 30, 1977, to pursue a doctoral program in Rural Sociology.

SHERRI S. LINHART, Instructor, Department of Family Relations and Human Development, effective January 1, 1977 through June 30, 1977, for personal reasons.

LARRY E. RALSTON, Instructor, Cooperative Extension Service, effective December 16, 1976 through February 15, 1977, to engage in a program of professional self-improvement.

JUDITH ANN WESSEL, Instructor, Cooperative Extension Service, effective April 1, 1977 through June 30, 1977, to engage in a program of professional self-improvement in Australia and for personal reasons.

Emeritus Titles

EDWARD M. KENNAUGH, Department of Electrical Engineering, with the title Professor Emeritus, effective January 1, 1977.

HARRY E. PHILLIAN, Department of Architecture, with the title Professor Emeritus, effective January 1, 1977.

GEORGE W. WHARTON, JR., Department of Entomology, with the title Professor Emeritus, effective January 1, 1977.

THELMA L. LANG, School of Allied Medical Professions, with the title Instructor Emeritus, effective January 1, 1977.

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February 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-83

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 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 and The Ohio State University Development Fund during the months of November and December 1976, be approved.

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

February 4, 1977 meeting, Board of Trustees

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

SUMMARY FOR NOVEMBER 1976

Source	No. of Projects	Support Level
Office of Business and Administration	7	\$ 147,381.56
The Ohio State University Research Foundation	30	978,399.30
The Engineering Experiment Station	2	19,964.00
		\$1,145,744.86
The Ohio State University Development Fund	3,176 Donors	453,684.37
Establishment of Named Fund		
The Ruth E. Smith Memorial Scholarship Fund (Undergraduate students from Preble County)		15,000.00

February 4, 1977 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1976

Source	No. of Projects	Support Level
Office of Business and Administration	7	\$ 113,236.31
The Ohio State University Research Foundation	40	2,076,788.50
The Engineering Experiment Station	6	166,359.00
		\$2,356,383.81
The Ohio State University Development Fund	5,311 Donors	2,736,410.66
Establishment of Named Funds:		
The Helen H. Hosford Memorial Fund (Alumnae Scholarship Houses)		\$100,000.00
The Roger W. Edmonson Scholarship Fund in Metallurgy (Department of Metallurgical Engineering)		10,375.00

February 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Student Programs	28	\$ 8,955,766.00	25	\$ 6,476,906.00	(28)
Training Grants	130	9,417,855.62	137	8,088,982.53	(14)
Total - Federal	158	\$18,373,621.62	162	\$14,565,888.53	(21)
State of Ohio	43	\$ 3,308,882.55	48	\$ 3,266,860.51	(1)
Industrial and Other	65	\$ 2,125,090.16	79	\$ 2,258,238.29	6
Totals	266	\$23,807,594.33	289	\$20,090,987.33	(16)

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

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration	12	\$ 924,910.00	11	\$ 649,914.00	(30)
National Aeronautics and Space Administration	16	602,543.31	21	508,440.00	(16)
National Science Foundation	69	2,224,615.00	87	3,463,960.00	56
Department of Defense	75	2,855,718.00	94	3,477,247.00	22
Health, Education, and Welfare	142	9,911,624.00	155	10,758,014.00	9
Other Federal	64	4,147,274.50	43	3,635,545.00	(12)
Total - Federal	378	\$20,666,684.81	411	\$22,493,120.00	9
State of Ohio	19	\$ 525,055.00	15	\$ 153,313.30	(71)
Industrial, Private, and Other Non-Federal Sponsors	125	\$ 2,373,103.67	146	\$ 3,080,526.55	30
Grand Total	522	\$23,564,843.48	572	\$25,726,959.85	9

February 4, 1977 meeting, Board of Trustees

February 4, 1977 meeting, Board of Trustees

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

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	22	\$ 267,734	20	\$ 193,084	(28)
State of Ohio	24	532,802	15	554,540	4
Industrial and Other	417	854,938	394	858,444	1
Totals	463	\$1,655,474	429	\$1,606,068	(3)

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

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	1975-1976		1976-1977		% Change from 1975-76
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	32,129	\$ 767,907.38	35,313	\$ 850,088.98	10
Major Resources Group					
Deferred Gifts	42	1,266,067.39	46	1,688,979.60	33
Major Individual Gifts	704	1,899,745.07	946	2,360,398.54	24
Corporate Gifts	621	1,566,707.68	853	2,041,246.25	30
Foundation and Non-Profit Organization Gifts	604	2,728,568.01	667	2,325,392.53	(14)
Totals	1,971	7,461,088.15	2,512	8,416,017.28	12
Totals	34,100	\$8,228,995.53	37,825	\$9,266,106.26	12

February 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$31,358.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Planning for R & D Dissemination and Feedforward System: Research and Policy Interpretations, Center for Vocational Education, October 1, 1976 through February 28, 1977. (Contract No. 400-77-0001)

\$27,772.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Evaluation of the Executive High School Internship Program, Center for Vocational Education, July 15, 1975 through July 14, 1976. (Contract/Order No. NE-C-00-4-0012, Modification No. 10)

\$20,353.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology - Training Grant, September 1, 1976 through August 31, 1977. (Grant No. 44-P-25121/5-13, Amendment No. 1)

\$5,604.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy - Training Grant, September 1, 1976 through August 31, 1977. (Grant No. 44-P-25124/5-13, Amendment No. 1)

\$5,260.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Occupational Therapy - Training Grant, September 1, 1976 through August 31, 1977. (Grant No. 44-P-25123/5-12, Amendment No. 1)

TOTAL - FEDERAL CONTRACTS/GRANTS \$90,347.00

State of Ohio Contracts/Grants

\$41,894.56 - The Corporation for Health Education in Appalachia Ohio, Athens, Ohio, Continuing Education for Allied Health Personnel in Appalachia, Ohio, School of Allied Medical Professions, effective August 31, 1976.

\$15,140.00 - Corporation for Health Education in Appalachia Ohio, Athens, Ohio, A Proposal to Share the Clinical Resources of The Ohio State University Hospitals with the Nursing Personnel of the Southeastern Ohio Hospitals, University Hospitals, effective August 27, 1976.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$57,034.56

February 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$120,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Radar Cross Section Studies and Calculations (U), ElectroScience Laboratory, Department of Electrical Engineering. (Project 4346-A1 - Modification No. P00002)

\$118,900.00 - National Science Foundation, Washington, D. C., Dislocation and Crack Problems in Ductile Fracture and in Hydrogen Embrittlement, Department of Metallurgical Engineering, 15 December 1974 through 14 December 1978. (Project 4076-A1 - Letter Dated 18 November 1976)

\$100,000.00 - Department of the Army, Army Mobility Equipment Research and Development Command, Fort Belvoir, Virginia, Development of a Subterranean Radar for Tunnel Location, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4460-A1 - Modification No. P00002)

\$82,070.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Development Study of Congenital Glaucoma, Department of Veterinary Clinical Sciences, 1 November 1976 through 31 October 1977. (Project 3830-A4 - Extension No. 3)

\$73,567.00 - Department of Health, Education, and Welfare, 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, 1 December 1976 through 30 November 1977. (Project 2962-G - Extension No. 7)

\$42,500.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Epitaxial Magnetic Film Evaluation Techniques, Department of Physics, 1 November 1976 through 31 October 1978. (Project 4596-A1 - New)

\$38,671.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Investigation of the Boundary Layer Behavior on Turbine Air Foils - (Gas Turbine Transpiration Cooling Research), Department of Mechanical Engineering. (Project 4174-A1 - Modification No. P00003)

\$34,000.00 - National Science Foundation, Washington, D. C., Comparative Cytology and Biochemistry of Selected Green Algae, Department of Botany, 1 November 1976 through 31 October 1978. (Project 4603-A1 - New)

February 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$32,940.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Cellular Reactions to Amputation in Mice and Hamsters, Department of Zoology, 1 December 1976 through 30 November 1977. (Project 4613-A1 - New)

\$19,978.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Study of Naval Undersea Acoustic Scattering Model, Department of Electrical Engineering. (Project 4409-A1 - Modification No. P00001)

\$13,337.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Direct Combination of Satellite and Gravimetric Data, Department of Geodetic Science, 1 May 1971 through 31 May 1977. (Project 3210-A1 - Supplement No. 8)

\$7,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, OSU Participation in the CTS Communications Link Characterization Experiment; Scintillation Measurements During the Return of ATS-6, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4299-A1 - Modification No. 4)

\$6,000.00 - National Science Foundation, Washington, D. C., Exchange of Soviet and American Corrosion Scientists and Engineers, Department of Metallurgical Engineering. (Project 4188-A1 - Letter Dated 5 November 1976)

\$2,997.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Relative Rotational Broadening of Far UV Spectral Lines, Department of Astronomy, 1 December 1976 through 30 November 1977. (Project 4608-B1 - New)

\$2,120.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Search for Variation in the Spectrum of γ Gas, Department of Astronomy, 1 December 1976 through 30 November 1977. (Project 4608-A1 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$694,080.00

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

\$69,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking of Materials for Water Cooled Reactors, Department of Metallurgical Engineering. (Project 4152-A1 - Amendment No. 1)

February 4, 1977 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)

\$46,497.00 - Picker Corporation, Cleveland, Ohio, An Engineering and Clinical Development Program for a Prototype Computerized Transaxial Scanner Phase I: Advanced X-Ray Detector Concepts, Department of Radiology, 15 October 1976 through 15 March 1977. (Project 4595-A1 - New)

\$37,879.00 - University of Minnesota, St. Paul, Minnesota, Children's Information Processing of Television Advertising, Department of Communication, 1 October 1976 through 31 March 1978. (Project 4600-A1 - New)

\$35,505.00 - International Studies Association, Pittsburgh, Pennsylvania, Direction of the International Studies Association Curriculum Development Project, Department of Political Science, 1 August 1976 through 30 June 1977. (Project 4615-A1 - New)

\$21,554.00 - Arnar-Stone Laboratories, Inc., Mount Prospect, Illinois, Evaluation of Alpha and Beta Adrenergic Effects of Some Synthetic Drugs, College of Pharmacy, 1 November 1976 through 31 October 1977. (Project 4610-A1 - New)

\$16,585.00 - American Electric Power Service Corporation, Canton, Ohio, A Long-Term Field Study of the Effects of Sulfur Dioxide Pollution on Selected Lichens in Southeastern Ohio and Adjacent West Virginia, Department of Botany, 1 September 1972 through 31 October 1978. (Project 3543-A1 - Letter Dated 12 November 1976)

\$15,000.00 - Muscular Dystrophy Association, Inc., New York, New York, Physiologic and Morphologic Correlation Studies on Motor Nerve Terminal, End Plate, Muscle Fiber, and Motor Unit Properties in Clinical and Experimental Neuromuscular Diseases, Department of Medicine, 1 January 1977 through 31 December 1977. (Project 4612-A1 - New)

\$8,082.00 - The Procter and Gamble Company, Cincinnati, Ohio, An Animal Model for the Study of Osteosarcoma in Man; MSV-M-Induced Bone Tumor in the NIH Black Rat, Department of Veterinary Pathobiology, 15 October 1976 through 14 October 1977. (Project 4602-A1 - New)

\$7,451.00 - Schering Corporation, Kenilworth, New Jersey, Steroidal Anesthetic CT 1347 in Cats, Department of Veterinary Clinical Sciences, 1 November 1976 through 1 February 1977. (Project 4605-A1 - New)

\$5,999.00 - American Cancer Society, Ohio Division, Columbus, Ohio, Detection of Tumor Associated Antigens in Urine, Department of Medical Microbiology, 1 November 1976 through 30 October 1977. (Project 4606-A1 - New)

February 4, 1977 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)

\$5,900.00 - Monsanto Research Corporation, Miamisburg, Ohio, Course - Program Managers' Guide to Contracting, Division of Continuing Education, Office of Educational Services, 19 November 1976 through 31 December 1976. (Project 4611-A1 - New)

\$5,000.00 - American Cancer Society, Ohio Division, Columbus, Ohio, On the Origin of Feline Sarcoma Virus, Department of Microbiology, 1 November 1976 through 30 October 1977. (Project 4607-A1 - New)

\$4,900.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, Study of Treatment of Primary Breast Cancer, Department of Surgery, 1 July 1976 through 31 December 1976. (Project 3639-A5 - Extension No. 4)

\$3,567.30 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry. (Project 2070-C - Extension No. 18)

\$1,400.00 - Kimberly Farm Management Corporation, Perry Park, Kentucky, Greenhouse Evaluation of the Effectiveness VS-34 Soil Conditioner, Department of Agronomy, 1 October 1976 through 31 December 1976. (Project 4604-A1 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$284,319.30**

THE ENGINEERING EXPERIMENT STATION

State of Ohio Research Contract

\$16,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Development of Guidelines for Right-Turn-On-Red Prohibition, Transplex Research Area, October 1, 1976 through September 30, 1977. (EES 558)

Industrial and Other Research Contract

\$3,964.00 - Battelle Memorial Institute, Columbus, Ohio, Dynamic Crack Propagation and Arrest in a Circular Cylinder, Department of Engineering Mechanics, January 1, 1977 through March 31, 1977. (EES 559)

February 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$50,000.00 - Ohio Lions Eye Research Foundation, Springfield, Ohio: \$20,000.00 for the Ohio Lions Club Blindness Research Fund, \$20,000.00 for various eye research funds in the College of Optometry, and \$10,000.00 for the Institute for Research in Vision.

\$30,000.00 - The Bremer Foundation, Youngstown, Ohio, for the College of Medicine.

\$27,312.61 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$22,800.00 - Anderson Foundation, Maumee, Ohio, for the Andersons Agricultural Research Fund.

\$14,700.00 - Arby's, Inc., Youngstown, Ohio, for the Animal Science Special Fund.

\$14,220.00 - General Motors Corporation, Detroit, Michigan, for their scholarship fund.

\$13,568.77 - Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$10,000.00 - OSU Optometry Alumni Association, Columbus, Ohio, for the Optometry Research Fund.

\$9,991.69 - The General Electric Foundation, Bridgeport, Connecticut, for the Affirmative Action Program in Engineering.

\$8,816.64 - Frederick H. Davidorf, M.D., Inc., given in the name of Frederick H. Davidorf, Columbus, Ohio: \$7,266.64 for the Retina Research Fund and \$1,550.00 for the Ophthalmology Art Work Rotary.

\$8,262.76 - Boehringer Ingelheim, Ltd., Elmsford, New York, for the Department of Pharmacology.

\$7,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for their scholarships in Medicine.

\$7,195.00 - Dade Division American Hospital Supply Corporation, Miami, Florida, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$7,095.00 - George W. Ashman, Chicago, Illinois, to be designated at a later date.

February 4, 1977 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 - Consumer Guild Foods, Inc., Toledo, Ohio, for the Consumer Guild Foods Graduate Research Fund in Emulsified Foods.

\$5,000.00 - Eastman Kodak Company, Rochester, New York: \$3,750.00 for their named fund in the Department of Chemistry and \$1,250.00 for the Electrical Engineering Equipment Fund.

\$5,000.00 - Harriet Ann Blankenbuehler, Troy, Ohio, for a new project, the "John H. Blankenbuehler Scholarship in Welding Engineering."

\$5,000.00 - Exxon Education Foundation, New York, New York, for the fellowship fund in Chemical Engineering.

Establishment of Named Fund

The Ruth E. Smith Memorial Scholarship Fund

The Ruth E. Smith Memorial Scholarship Fund was established February 4, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. and Mrs. Joseph R. Smith, West Alexandria, Ohio, in memory of their beloved daughter, Ruth, a former Ohio State University student.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 Preble County, Ohio, who enroll in any one of the colleges or schools of The Ohio State University. The purpose of the fund is to recognize academic achievement and unselfish dedication to the ideals of good citizenship and effective leadership exemplified in the life of the person for whom this scholarship is named. The selection of the recipients is to be based upon the recommendation of the Dean of University College, after consultation with a scholarship committee of representatives from Preble County, and in cooperation with the University Scholarship Committee. Preference is to be given to students who are in need of financial assistance, and who have earned recognition for their outstanding achievements by such agencies as the National Merit Scholarship Corporation, the 4H Clubs, and other youth organizations related to the schools and churches of Preble County.

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 4, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$25,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, Chromosome: Regulation, Organization, and Function - Development Award - Research Career Program, Department of Microbiology, January 1, 1977 through December 31, 1977. (Grant No. 5 K04 GM70300-05)

\$23,998.00 - Department of Health, Education, and Welfare, U. S. Office of Education, Occupational and Adult Education Branch, Grant and Procurement Management Division, Washington, D. C., Resources on Sex-Role Stereotyping in Vocational Education, The Center for Vocational Education, December 16, 1976 through December 15, 1977. (Contract No. 300770012)

TOTAL - FEDERAL CONTRACTS/GRANTS **\$48,998.00**

State of Ohio Contracts/Grants

\$30,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Teacher Education Redesign, College of Education, November 15, 1976 through April 30, 1977.

\$8,500.00 - State of Ohio, Department of Health, Columbus, Ohio, Field Service in Language Retraining for Aphasic Individuals, Department of Communication, October 1, 1976 through March 31, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$38,500.00**

Industrial and Other Contracts/Grants

\$15,750.00 - Committee on Institutional Cooperation, Midwest Program for Minorities in Engineering, Evanston, Illinois, Engineering Career Interest Workshops, College of Engineering, September 1, 1976 through August 31, 1977. (Alfred P. Sloan Foundation Grant No. 75-4-6)

\$8,601.31 - Consortium for the Development of Technology, International Center for Marine Resource Development, University of Rhode Island, Kingston, Rhode Island, Consultation in Food Technology in Brazil, College of Agriculture and Home Economics, January 22, 1977 through March 31, 1977.

\$1,387.00 - State of Montana, Department of Education, Helena, Montana, Technical Services to Montana State Department of Education, The Center for Vocational Education, December 1, 1976 through December 31, 1976.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$25,738.31**

February 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$591,788.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 12 Beds, Department of Medicine, 1 December 1976 through 30 November 1977. (Project 1196-2S and 3S - Extension No. 15)

\$224,976.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Assessment of the Critical Issues in Adult Probation Services, School of Public Administration, 25 October 1976 through 24 January 1978. (Project 4601-A1 - New)

\$193,400.00 - National Science Foundation, Washington, D. C., Testing Alternatives in the Mathematics Preparation of Elementary Teachers, Department of Mathematics, 15 November 1976 through 31 January 1979. (Project 4620-A1 - New)

\$125,000.00 - National Science Foundation, Washington, D. C., Computer-Controlled Linkage Systems for Locomotion and Manipulation, Department of Electrical Engineering, 1 December 1974 through 30 November 1978. (Project 4074-A1 - Letter dated 29 November 1976)

\$105,061.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Study the External Gravity Potential of the Earth and Geodetic Parameters Affected by Gravity, Department of Geodetic Science. (Project 4214-A1 and B1 - Modification No. P00004)

\$64,835.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Information Processing for Target Detection and Classification, ElectroScience Laboratory, Department of Electrical Engineering, 1 January 1974 through 31 December 1977. (Project 3815-A1 - Modification No. AFOSR-74-2611-C)

\$64,674.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Tactual Display Aid for Primary Flight Training, Department of Aviation. (Project 4211-A1 - Modification No. 3)

\$61,550.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis, Department of Physiological Chemistry, 1 December 1976 through 30 November 1977. (Project 2525-J - Extension No. 9)

February 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$52,000.00 - Energy Research and Development Administration, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds, Department of Chemistry, 1 December 1976 through 30 November 1977. (Project 1398-K - Modification No. A001)

\$44,793.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation, Department of Ophthalmology, 1 December 1976 through 30 November 1977. (Project 2711-G - Extension No. 7)

\$43,380.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry, 1 January 1977 through 31 December 1977. (Project 4624-A1 - New)

\$43,076.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, Lipopolysaccharide Antigens of Pseudomonas Aeruginosa, Department of Chemistry, 1 January 1977 through 31 December 1977. (Project 3943-A2 - Extension No. 1)

\$36,885.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Aberrant Gene Expression During Chemotherapy, Department of Physiological Chemistry, 1 December 1976 through 30 November 1977. (Project 3546-A5 - Extension No. 4)

\$28,800.00 - National Science Foundation, Washington, D. C., The Approximation Problems in Banach Spaces, Department of Mathematics, 1 July 1976 through 30 June 1978. (Project 4455-A1 - Letter dated 3 December 1976)

\$28,600.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Relationship Between Pharmacokinetic Distribution of Antimicrobial Drugs and Effectiveness, Department of Veterinary Physiology and Pharmacology. (Project 3958-A1 - Modification No. 8)

\$28,123.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Therapy of Patients with Brain Tumors, Department of Surgery, 1 November 1975 through 31 October 1977. (Project 4327-A1 - Modification No. 3)

\$28,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering, 15 December 1974 through 14 December 1977. (Project 4098-A1 - Modification No. P00002)

February 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$27,350.00 - Department of the Army, Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodial and Babesial Antigens, Department of Microbiology. (Project 3365-A1 - Modification No. P-709)

\$24,880.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Hydrophilic Colloid Interactions in Food, Department of Food Science and Nutrition, 1 December 1976 through 30 November 1977. (Project 2037-L - Extension No. 11)

\$22,800.00 - National Science Foundation, Washington, D. C., Analysis of Data from the Byrd Station Strain Network, Antarctica, Institute of Polar Studies, 31 December 1976 through 31 December 1977. (Project 4629-A1 - New)

\$16,200.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Chemical Characterization of the Antitumor Factor in the Clam *Mercenaria m.*, Department of Chemistry, 1 January 1977 through 31 December 1977. (Project 4631-A1 - New)

\$15,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Analyze and Study Spectra of Radio Bursts, Department of Electrical Engineering. (Project 4345-A1 - Modification No. P00004)

\$14,271.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses, Department of Biochemistry, 1 January 1977 through 31 December 1977. (Project 2701-H - Extension No. 8)

\$12,000.00 - Energy Research and Development Administration, Argonne, Illinois, Pre-Freshman and Cooperative Education for Minorities in Engineering at The Ohio State University, Department of Mechanical Engineering, 15 March 1973 through 31 October 1977. (Project 3716-A1 - Modification No. 1)

\$10,300.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Analysis of the Spatial and Temporal Variation of the Ice in Antarctica, Department of Geography. (Project 4380-A1 - Modification No. 1)

\$7,596.00 - Smithsonian Institution, Washington, D. C., Absolute Energy Distributions of Red Giant Stars, Department of Astronomy, 22 December 1976 through 31 December 1977. (Project 4630-A1 - New)

February 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$6,600.00 - Department of the Navy, Naval Supply Systems Command, Naval Supply Center, San Diego, California, Course - Developing Contract Work Specifications for Ship Repair, Division of Continuing Education, Office of Educational Services, 18 November 1976 through 28 February 1977. (Project 4614-A1 - New)

\$5,000.00 - National Science Foundation, Washington, D. C., Support of XIIIth International Congress of Game Biologists, Department of Zoology, 15 November 1976 through 30 April 1977. (Project 4616-A1 - New)

\$3,150.00 - Argonne National Laboratory, Argonne, Illinois, Heavy Metal Accumulation and Release in Selected Important Plant Species Found in an Abandoned Strip Mine Ecosystem, Eastern, Ohio, Department of Botany, 1 October 1976 through 31 May 1977. (Project 4609-A1 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$1,930,058.00

State of Ohio Research Contracts/Grants

\$14,747.00 - State of Ohio, Energy and Resource Development Agency, Columbus, Ohio, Implement an Ohio ERDA Survey on Energy Conservation and Practices of Ohio Citizens, Graduate School, 7 September 1976 through 20 December 1976. (Project 4564-A1 - New)

\$8,800.00 - Ohio Department of Natural Resources, Division of Water, Columbus, Ohio, A Study of the Resources of the Lake Erie Islands, Center for Lake Erie Area Research, College of Biological Sciences, 18 October 1976 through 30 June 1977. (Project 4599-A1 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$23,547.00

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

\$36,335.00 - World Health Organization, Geneva, Switzerland, Evaluation of the Safety of Immunizing Female Baboons with Synthetic hCG Peptides as a Fertility Control Measure - Task Force on Immunological Methods of Fertility Regulation, Department of Medical Microbiology, 1 January 1977 through 31 December 1977. (Project 4106-A2 - Amendment dated 8 December 1976)

\$19,560.00 - Ross Laboratories, Division of Abbott Labs, Columbus, Ohio, Enumeration and Heat Resistance of *Bacillus stearothermophilus*, Department of Food Science and Nutrition, 1 December 1976 through 31 May 1978. (Project 4626-A1 - New)

February 4, 1977 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 - The Deafness Research Foundation, New York, New York, Experimental Otitis Media, Department of Otolaryngology, 1 January 1977 through 31 December 1977. (Project 4632-A1 - New)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Tectorial Membrane-Sensory Cilia Relationship, Department of Otolaryngology, 1 January 1977 through 31 December 1977. (Project 4344-A2 - Extension No. 1)

\$9,872.50 - The Deafness Research Foundation, New York, New York, Clinical Posturography, Department of Otolaryngology, 1 January 1977 through 31 December 1977. (Project 4092-A3 - Extension No. 2)

\$8,600.00 - Monsanto Research Corporation, Miamisburg, Ohio, Course - "Cost and Price Analysis," Division of Continuing Education, Office of Educational Services, 7 December 1976 through 31 January 1977. (Project 4611-B1 - New)

\$8,456.00 - Westinghouse Electric Corporation, Pittsburgh, Pennsylvania, Slow Strain Rate Testing of Inconel 600, Department of Metallurgical Engineering, 1 November 1976 through 31 January 1977. (Project 4622-A1 - New)

\$7,500.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Prostaglandins on Blood Vessels, Department of Pathology, 1 October 1976 through 30 September 1977. (Project 4619-A1 - New)

\$2,860.00 - Smithkline Corporation, West Chester, Pennsylvania, Effects of Albendazole in Cats Experimentally Infected with Paragonimus kellicotti, Department of Veterinary Pathobiology, 1 January 1977 through 31 July 1977. (Project 4627-A1 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$123,183.50

ENGINEERING EXPERIMENT STATION

Federal Research Contracts

\$35,489.00 - U. S. Department of the Interior, Washington, D. C., Office of the Institute Director: OWRT Fiscal Year 1977 Allotment Program, Water Resources Center, October 1, 1976 through September 30, 1977. (EES 550)

\$17,029.00 - U. S. Department of the Interior, Washington, D. C., A New Method for Removing Trace Metals by Adsorption, Water Resources Center, October 1, 1976 through September 30, 1977. (EES 551)

February 4, 1977 meeting, Board of Trustees

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

THE ENGINEERING EXPERIMENT STATION (contd)

Federal Research Contracts (contd)

\$11,380.00 - U. S. Department of the Interior, Washington, D. C., Preliminary Estimate of Ground Water Recharge Rates, Related Streamflow and Water Quality in Ohio, Water Resources Center, October 1, 1976 through September 30, 1977. (EES 552)

\$9,390.00 - U. S. Department of the Interior, Washington, D. C., Great Blue Herons as Environmental Indicators: Importance of Feeding Site Location, Water Resources Center, October 1, 1976 through September 30, 1977. (EES 554)

\$9,071.00 - U. S. Department of the Interior, Washington, D. C., Productivity of Great Lakes Zooplankton, Water Resources Center, October 1, 1976 through September 30, 1977. (EES 553)

TOTAL - FEDERAL RESEARCH CONTRACTS \$82,359.00

State of Ohio Research Contract

\$84,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Optimization of Design of Asphaltic Paving Mixtures, TRANSPLEX, November 1, 1976 through February 1, 1979.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$630,000.00 - Claude Worthington Benedum Foundation, Pittsburgh, Pennsylvania, for University Activities Center.

\$250,000.00 - The Andersons, Maumee, Ohio, as an unrestricted gift to the University.

\$51,731.25 - Frances M. Johnson, Painesville, Ohio, for scholarships in the College of Medicine.

\$50,000.00 - Battelle Memorial Institute, Columbus, Ohio, for the Battelle/Ohio State University Partnership in Engineering Education Fund.

\$44,812.14 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

February 4, 1977 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)

\$20,463.70 - Louise Orr Scott Foundation, Columbus, Ohio, \$15,347.78 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$5,115.92 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$20,000.00 - John F. Moxley, Medina, Ohio, for the John F. Moxley Fund in Natural Resources.

\$20,000.00 - The Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for their scholarship fund.

\$19,153.00 - Eli Lilly and Company, Indianapolis, Indiana, \$10,000.00 for Parkinson's Disease Research and \$9,153.00 for Infectious Disease Research.

\$15,000.00 - Wolfe Associates, Inc., Columbus, Ohio, for the establishment of the Judson D. Wilson Professorship in Orthopedic Surgery.

\$14,000.00 - Sandoz, Inc., East Hanover, New Jersey, for the Clinical Pharmacology Fund in the College of Medicine.

\$13,215.86 - Systems Associates, Columbus, Ohio, \$12,699.28 for the Department of Medicine General Fund and \$516.58 for the Cardiology Support Fund.

\$13,142.72 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund in the College of Medicine.

\$13,031.66 - The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$12,849.00 - Richard M. Ross, Columbus, Ohio, for the purchase of the Rinhart Collection.

\$12,090.00 - Galen F. Oman, Columbus, Ohio, \$7,340.00 for the Galen F. Oman Architecture Scholarship Fund and \$4,750.00 for the Herbert Baumer Memorial Fund in the College of Engineering.

\$11,536.00 - The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$10,458.00 - Mrs. T. H. Carruthers, III, Cincinnati, Ohio, for the establishment of the Carruthers Dairy Science Educational Fund.

\$10,048.12 - George Hendrix, Columbus, Ohio, for the Presidents Club Special Fund.

February 4, 1977 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 - Leona W. Ayers, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Nobuhisa Baba, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - The City National Bank & Trust Company, Columbus, Ohio, for the University Activities Center.

\$10,000.00 - Kathryn P. Clausen, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - William H. Havener, M.D., Columbus, Ohio, \$5,000.00 for Operation Eye Research and \$5,000.00 for Ophthalmology Teaching Fund.

\$10,000.00 - Adelaide W. Koestner, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Leopold Liss, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - C. Rollin Niswonger, Ph.D., Oxford, Ohio, for the Presidents Club Special Fund.

\$10,000.00 - Donald A. Senhauser, M.D., Worthington, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Hari M. Sharma, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Thomas D. Stevenson, M.D., Delaware, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Wilbur R. Tullis, London, Ohio, \$4,000.00 for the Presidents Club Special Fund, \$3,000.00 for the Ag-Econ Fund, and \$3,000.00 for The Wilbur H. Bruner Pork Industry Award.

\$10,000.00 - Allan J. Yates, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$9,960.00 - George F. Lonz Foundation, Middle Bass, Ohio, for the George F. Lonz Foundation Fund for Enology and Viticulture.

February 4, 1977 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)

\$9,000.00 - Leopold W. Like, M.D., Lima, Ohio, for the Presidents Club Special Fund.

\$7,500.00 - B & L Motor Freight, Inc., Newark, Ohio, as an undesignated gift to the University.

\$7,200.00 - Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

\$6,397.00 - Boehringer Ingelheim, Ltd., Elmsford, New York, for the Boehringer Ingelheim-Greenberg Fund in the College of Medicine.

\$6,350.00 - General Motors Corporation, Detroit, Michigan, for their scholarship fund.

\$6,300.00 - National Steel Corporation, Weirton, West Virginia, for their fellowship in metallurgical engineering.

\$6,256.00 - Gordon B. Carson, Albion, Michigan, for the Paul N. Lehoczy Memorial Fund in the College of Engineering.

\$6,080.00 - Mr. and Mrs. Robert H. Jones, III, Delmar, New York, for the Jones-Hirsch Memorial Scholarship Fund in the College of Law.

\$6,000.00 - Howard N. Bullock, Columbus, Ohio, for the Guy H. Bullock Memorial Fund in the College of Law.

\$5,874.44 - Ralph E. Heffner, Celina, Ohio, for Civil Engineering Construction Fellowship Fund.

\$5,808.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$5,800.00 - Katherine E. Parrett Trust, Washington C. H., Ohio, for the Katherine E. Parrett Fund.

\$5,525.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Infectious Disease Research.

\$5,181.25 - The Huntington National Bank, Columbus, Ohio, for the University Activities Center.

\$5,000.00 - Adria Laboratories, Inc., Wilmington, Delaware, for support of research in the College of Pharmacy.

February 4, 1977 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 - The Allstate Foundation, Hudson, Ohio, for their nursing scholarship program.

\$5,000.00 - Amoco Foundation, Inc., Chicago, Illinois, \$3,000.00 for the Distinguished Teachers Award Fund and \$2,000.00 for the University Emergency Fund.

\$5,000.00 - Arnar-Stone Laboratories, Inc., Mount Prospect, Illinois, for studies of adrenergic drug-receptor interactions.

\$5,000.00 - The Babcock & Wilcox Company, New York, New York, for the establishment of The Babcock & Wilcox Fellowship Fund in Welding Engineering.

\$5,000.00 - Chevron Research Company, Richmond, California, for their fund in Metallurgical Engineering.

\$5,000.00 - Clow Foundation, Oak Brook, Illinois, for The Ralph W. Kurtz Chair in Endocrinology.

\$5,000.00 - Diamond Shamrock Corporation, Cleveland, Ohio, for their fund in Chemical Engineering.

\$5,000.00 - Dow Corning Corporation, Midland, Michigan, for Physiology of the Eye.

\$5,000.00 - Estate of Melvin E. Moffitt, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$5,000.00 - Ford Motor Company, Dearborn, Michigan, for their grant-in-aid fund in Welding Engineering.

\$5,000.00 - John H. Goodrich, Springfield, Ohio, for Student Athlete Grant-in-Aid.

\$5,000.00 - William W. Keethler, Columbus, Ohio, for the Presidents Club Special Fund.

\$5,000.00 - Wilhelmina S. Kinsey, Columbus, Ohio, for The Slaymaker-Kinsey Memorial Scholarship Trust Fund.

\$5,000.00 - Mid-Ohio Automotive, Inc., Columbus, Ohio, for The Louis Levy Professorship in Cancer.

\$5,000.00 - The Shelburne Company, Baltimore, Maryland, for Parkinson's Disease Research.

February 4, 1977 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 - M. N. Vuchnich, Toronto, Ontario, Canada, as an undesignated gift to the University.

Establishment of Named Funds

The Helen H. Hosford Memorial Fund

The Helen H. Hosford Memorial Fund was established February 4, 1977, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Helen H. Hosford, B.Sc.Soc.Service '20, formerly of Shaker Heights, Ohio, and Lauderdale-by-the-Sea, Florida.

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

The annual income and/or principal is to be used at the discretion of the Directors of The Ohio State University Development Fund for the Alumnae Scholarship Houses, including without limitation, purchase of real property.

Should the need for the Alumnae Scholarship Houses 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 housing and the Alumnae Scholarship Houses Advisory Board.

The Roger W. Edmonson Scholarship Fund in Metallurgy

The Roger W. Edmonson Scholarship Fund in Metallurgy was established February 4, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Roger W. Edmonson, B.A. '33, 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 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 academic ability and/or need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Engineering in cooperation with the Chairman of the Department of Metallurgical Engineering.

February 4, 1977 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 Roger W. Edmonson Scholarship Fund in Metallurgy (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 engineering education.

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PLANS AND SPECIFICATIONS

Resolution No. 77-84

Synopsis: Plans and specifications have been completed for the following two projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

ELECTRICAL SYSTEM EXPANSION AND TELEPHONE DUCTS-PHASE II

- Project: Install conduits for electric and telephone distribution systems through existing pedestrian bridge over the Olentangy River. Completion will connect systems that presently exist on each side of the river.
- Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium)
- Estimated Project Cost: \$65,000.00

CENTRAL SERVICE BUILDING REMODELING

- Project: Remodel space in Central Service Building for Physical Facilities occupancy which includes the move of the University Architect's Office from the Research Center.
- Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium)
- Estimated Project Cost: \$35,000.00

February 4, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, 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

Resolution No. 77-85

Synopsis: Bids have been awarded for seven projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows for each project:

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

NEWARK REGIONAL CAMPUS, PHASE III

Description: New building northeast of Founders Hall on the Newark Campus.

General Contract

Date Received: January 20, 1977

• No. of Bids: 11

Low Bid: \$1,238,100.00* **

High Bid: \$1,472,251.00*

Estimate of Cost: \$1,166,188.00*

Awarded to: Peterson Construction Company (Wapakoneta, Ohio)

Plumbing Contract

Date Received: January 20, 1977

No. of Bids: 6

Low Bid: \$ 136,666.00**

High Bid: \$ 176,164.00

Estimate of Cost: \$ 104,000.00

Awarded to: Best Way Mechanical Contracting Co. (Zanesville, Ohio)

* Recommended Alternates reflected in these figures.

**The General, Plumbing, and Heating, Ventilating and Air Conditioning Contracts are in excess of the estimate of cost; however, the total price of all contracts is within the total estimate of cost and are therefore being recommended for award as per Section 153.12 of the Ohio Revised Code.

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

NEWARK REGIONAL CAMPUS, PHASE III (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received: January 20, 1977
No. of Bids: 10
Low Bid: \$ 344,494.00* ** ***
High Bid: \$ 382,850.00*
Estimate of Cost: \$ 268,000.00
Awarded to: Best Way Mechanical Contracting Co. (Zanesville, Ohio)

Electrical Contract

Date Received: January 20, 1977
No. of Bids: 5
Low Bid: \$ 188,808.00
High Bid: \$ 311,378.00
Estimate of Cost: \$ 209,000.00
Awarded to: Jess Howard Electric Company (Blacklick, Ohio)

Total All Contracts: \$1,908,068.00

Total Project Cost: \$2,200,000.00

Funding: H.B. 687, Item 315-102 (Newark Campus, Phase III)

* Recommended Alternates reflected in these figures.

**The General, Plumbing, and Heating, Ventilating and Air Conditioning Contracts are in excess of the estimate of cost; however, the total price of all contracts is within the total estimate of cost and are therefore being recommended for award as per Section 153.12 of the Ohio Revised Code.

***It is also for note that the Heating, Ventilating and Air Conditioning Contract is being recommended for award to the second lowest bidder. The bid of the lowest bidder was rejected for failure to comply with the Equal Employment Opportunity specifications in the bidding documents. The contractor noted above has complied with the EEO as per Section 13 of the Amended Substitute H.B. 687.

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

ENERGY CONSERVATION - PHASE II (PROJECT C)

Description: This phase of the energy conservation program provides modifications to Graves Hall, Hospital Clinics Building, Wiseman Hall, Mershon Auditorium, and Mendenhall Laboratory.

Mechanical Contract

Date Received: December 7, 1976
No. of Bids: 4
Low Bid: \$201,000.00*
High Bid: \$243,600.00*
Estimate of Cost: \$233,000.00*
Awarded to: J. A. Guy, Inc. (Columbus, Ohio)
Total Project Cost: \$225,000.00
Funding: H.B. 687, Utilities and Renovation

POULTRY BUILDING IMPROVEMENTS

Description: Improve facilities to increase operational efficiency.

General Contract

Date Received: January 21, 1977
No. of Bids: 14
Low Bid: \$ 54,275.00*
High Bid: \$111,961.00*
Estimate of Cost: \$ 54,400.00*
Awarded to: Arjay Construction (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

POULTRY BUILDING IMPROVEMENTS (contd)

Plumbing Contract

Date Received: January 21, 1977
No. of Bids: 5
Low Bid: \$ 27,700.00*
High Bid: \$ 36,500.00
Estimate of Cost: \$ 25,875.00*
Awarded to: A-1 Plumbing and Heating (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date received: January 21, 1977
No. of Bids: 2
Low Bid: \$ 9,905.00
High Bid: \$ 22,700.00
Estimate of Cost: \$ 11,100.00
Awarded to: J. A. Croson Plumbing and Heating, Inc. (Columbus, Ohio)

Electrical Contract

Date Received: January 21, 1977
No. of Bids: 4
Low Bid: \$ 32,892.00**
High Bid: \$ 45,307.00**
Estimate of Cost: \$ 35,125.00**
Awarded to: Jess Howard Electric Co. (Blacklick, Ohio)

*The Plumbing Contract was in excess of the estimate of cost; however, the total price of all contracts is within the total estimate of cost and are therefore being recommended for award as per Section 153.12 of the Ohio Revised Code.

**Recommended Alternates reflected in these figures.

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

POULTRY BUILDING IMPROVEMENTS (contd)

Total All Contracts: \$124,772.00
Total Project Cost: \$160,000.00
Funding: H.B. 687, Utilities and Renovation (1975-77)

HAMILTON HALL ELECTRICAL - PHASE II

Description: This project will extend electric feeder ducts throughout the building and provide power panels suitable for connection of existing and future loads.

General Contract

Date Received: December 3, 1976
No. of Bids: 3
Low Bid: \$ 39,707.00
High Bid: \$ 71,526.00
Estimate of Cost: \$ 19,000.00*
Awarded to: Lincoln Construction (Columbus, Ohio)

Electrical Contract

Date Received: December 3, 1976
No. of Bids: 8
Low Bid: \$ 65,447.00
High Bid: \$ 91,000.00
Estimate of Cost: \$110,000.00
Awarded to: Jess Howard Electric Co. (Blacklick, Ohio)

*The General Contract was in excess of the estimate of cost; however, the total price of all contracts is within the total estimate of cost and are therefore being recommended for award as per Section 153.12 of the Ohio Revised Code.

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

HAMILTON HALL ELECTRICAL - PHASE II (contd)

Total All Contracts: \$105,154.00
Total Project Cost: \$150,000.00*
Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium)

**EDUCATION LABORATORY IMPROVEMENTS
(Welding Engineering Laboratories Building)**

Description: Improve teaching facilities in Welding Engineering Laboratories Building.

General Contract

Date Received: January 21, 1977
No. of Bids: 10
Low Bid: \$ 35,516.00**
High Bid: \$ 41,358.00**
Estimate of Cost: \$ 33,670.00** ***
Awarded to: Mason & Rummell (Columbus, Ohio)

Plumbing Contract

Date Received: January 21, 1977
No. of Bids: 2
Low Bid: \$ 1,075.00
High Bid: \$ 2,200.00
Estimate of Cost: \$ 1,250.00
Awarded to: Reeb Plumbing (Columbus, Ohio)

*The Total Project Cost includes additional work to incorporate the work for panel-boards and feeders per unit price bids received.

** Recommended Alternates reflected in these figures.

***The General Contract was in excess of the estimate of cost; however, the total price of all contracts is within the total estimate of cost and are therefore being recommended for award as per Section 153.12 of the Ohio Revised Code.

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

EDUCATION LABORATORY IMPROVEMENTS (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received: January 21, 1977
No. of Bids: 2
Low Bid: \$ 7,400.00
High Bid: \$ 8,774.00
Estimate of Cost: \$ 9,500.00
Awarded to: Morris Sheet Metal, Inc. (Columbus, Ohio)

Electrical Contract

Date Received: January 21, 1977
No. of Bids: 4
Low Bid: \$ 32,749.00*
High Bid: \$ 46,380.00*
Estimate of Cost: \$ 44,500.00
Awarded to: Jess Howard Electric Co. (Blacklick, Ohio)

Total All Contracts: \$ 76,740.00

Total Project Cost: \$100,000.00

Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium)

* Recommended Alternates reflected in these figures.

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

UTILITY DISTRIBUTION SYSTEMS IMPROVEMENTS

Description: This project will improve operation, reduce corrosion, reduce energy consumption, improve safety and increase capacity of the Utility Distribution System.

General Contract

Date Received: December 16, 1976
No. of Bids: 4
Low Bid: \$ 10,892.00*
High Bid: \$ 17,220.00*
Estimate of Cost: \$ 18,708.00*
Awarded to: George Moor & Sons (Columbus, Ohio)

Mechanical Contract

Date Received: December 16, 1976
No. of Bids: 2
Low Bid: \$ 69,518.52*
High Bid: \$ 93,400.00*
Estimate of Cost: \$103,797.00*
Awarded to: Delta Pipeline Constructors, Inc. (Fairfield, Ohio)

Electrical Contract

Date Received: December 16, 1976
No. of Bids: 4
Low Bid: \$ 9,742.00
High Bid: \$ 17,055.00
Estimate of Cost: \$ 15,575.00
Awarded to: Jess Howard Electric Co. (Blacklick, Ohio)

* Recommended Alternates reflected in these figures.

February 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

UTILITIES DISTRIBUTION SYSTEMS IMPROVEMENTS (contd)

Total All Contracts: \$90,152.52*
Total Project Cost: \$99,155.57
Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium)

CAMPBELL HALL--EXTERIOR MASONRY REPAIRS (WEST ELEVATION)

Description: This project will restore the bond, protect the building and keep water and other outside elements from entering the building.

General Contract

Date Received: December 14, 1976
No. of Bids: 3
Low Bid: \$18,862.00*
High Bid: \$38,901.00*
Estimate of Cost: \$43,500.00*
Awarded to: Detzel Construction, Inc. (Cincinnati, Ohio)
Total Project Cost: \$21,859.00
Funding: H.B. 687, Utilities and Renovation

* Recommended Alternates reflected in these figures.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution with six affirmative votes cast and Dr. Sirak abstaining.

Dr. Sirak voiced concern about the construction of additional facilities on the Newark Campus, as well as all other University campuses, which he suggested might provide greater convenience rather than be a dire necessity.

Vice President Mount indicated in this instance there was an urgent space need.

Mr. Devenow expressed the need for the University in its planning and design of all new facilities to be energy efficient.

Mr. Smith suggested that interim reports on all building plans should be provided to the Board since there is considerable time lapse between authorization of a project and the awarding of contracts.

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February 4, 1977 meeting, Board of Trustees

PURCHASE OF BUILDING AND PROPERTY

Resolution No. 77-86

Synopsis: Purchase of 337 West Ninth Avenue is proposed.

WHEREAS the need for parking space in the Medical Area has become increasingly severe due to expansion of facilities; and

WHEREAS the construction of the Eleventh Avenue Parking Ramp will not provide adequate facilities for the increased patient load in the hospital and clinic areas; and

WHEREAS the University has been provided an opportunity to purchase the following property: Lot 30, in William N. King's Neil Avenue Subdivision, Parcel Number 38149, more commonly known as 337 West Ninth Avenue, Columbus, Franklin County, Ohio; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan; and

WHEREAS said property could be utilized to serve as additional parking for the crowded Medical Complex area:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase the said property in the name of the Board of Trustees of The Ohio State University from Henry H. and Eleanor Metters, for the sum of Thirty-Seven Thousand Five Hundred Dollars (\$37,500.00) from General University Funds.

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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SALE OF PROPERTY

Resolution No. 77-87

Synopsis: Sale of property in Virgin Islands is proposed.

WHEREAS the University has received by a gift a parcel of land known as Plot No. 1C of Parcel 4 and No. 4B also of Parcel 4 of Estate Constitution Hill, St. Croix, Virgin Islands, consisting of 0.2557 and 1.586 U. S. acres, respectively, together with all buildings thereon standing, fixtures, fittings, and appliances (specifically refrigerator, freezer, dishwasher, bar-becue grill and stove with hood in main house, and pool equipment); and

February 4, 1977 meeting, Board of Trustees

SALE OF PROPERTY (contd)

WHEREAS Mr. John K. Dema has signed an offer to purchase said property for the sum of \$100,000:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to proceed with the sale of said property and that the President and/or Vice President for Business and Administration be authorized to execute the necessary documents to consummate the sale of the property as described in the foregoing paragraphs.

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

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EMPLOYMENT OF INSURANCE CONSULTANT

Resolution No. 77-88

Synopsis: Employment of insurance consultant is proposed.

WHEREAS the University provides life and health insurance benefits for the faculty, staff and their dependents; and

WHEREAS the University has invited quotations on the life and health insurance coverages for faculty, staff and their dependents; and

WHEREAS the evaluation of these proposals will require a very thorough and detailed analysis:

NOW THEREFORE

BE IT RESOLVED, That the President and/or his designee be authorized to employ an insurance consulting firm to assist the University in evaluating bid quotations on the life and health insurance coverages.

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

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February 4, 1977 meeting, Board of Trustees

REPORT ON ENERGY CONSUMPTION

President Enarson reviewed the University's energy problems and reported that he believed the University was "over the hump" for this winter heating season. For some time now, the University has been reducing its dependence on natural gas, and as a result, nearly 90 per cent of all heat can come from the burning of fuel oil.

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REPORT ON BUDGET FOR BIENNIUM 1977-79

President Enarson presented the following statement:

The Executive Budget, released by Governor Rhodes on January 25, is in some ways encouraging and in other ways discouraging for The Ohio State University and public higher education in the state.

The Governor's Budget does give a higher priority to the funding of existing programs than was predicted by Chancellor Norton at our December meeting. At that time the Chancellor expressed concern that OSU might receive only a one per cent increase in instructional subsidies to meet inflationary needs for 1977-78. The Executive Budget, however, provides for a seven per cent increase on our instructional subsidy base. Because instructional subsidies account for only 63 per cent of the Unrestricted I & G Budget, a corresponding increase in student fees would be necessary to achieve a seven per cent total budget increase. With no fee increase, the Executive Budget would produce an I & G increase of 4.4 per cent. Although we do not believe that this is enough to meet our continuation needs, clearly it provides more cause for optimism than our earlier expectations.

The higher level of increases was provided primarily by downward revisions in the statewide enrollment growth that had been projected by the Regents. The savings from these revisions allow for higher funding levels per student. We believe the lower enrollment projections to be appropriate and applaud the Office of Budget and Management for shifting the budget priorities toward better funding for existing programs.

This budget also provides a guaranteed level of funding for each institution that is based on this year's actual enrollments. This guarantee would remove the uncertainty in budget development that has resulted from our having to predict subsidies on the basis of unknown future enrollments. Such a guarantee will allow institutions to reduce their budgeted contingency funds, and thus make more rational use of available resources.

I must note with some frustration the difficulties we face in countering the false impression that Ohio's universities are slated to receive major increases in state support for 1977-79. The Executive Budget proposes a total increase of 28 per cent for higher education for the 1977-79 biennium. However, that 28 per cent

February 4, 1977 meeting, Board of Trustees

REPORT ON BUDGET FOR BIENNIUM 1977-79 (contd)

President Enarson's statement (contd)

aggregate increase in appropriations for higher education will result in increases of only 4.4 per cent in 1977-78 and 4.7 per cent in 1978-79 for OSU's I & G Budget. A substantial part of the total increase for higher education is absorbed by new debt service requirements, the three new medical schools, funding for the full state status of the University of Cincinnati, and the Ohio Instructional Grant Program. Only a fraction of this total increase is available for the continuation funding of institutions like OSU with relatively stable enrollments. By some of the directions taken in the Executive Budget, we will continue our efforts to bring our case before the officials and citizens of the State.

On another matter related to the budget, it should be reported that yesterday we announced that Ohio State's Freshman class for next autumn has been provisionally filled. You will recall that our goal was to accept that number of applications which, based on our historical experience, will result in 7,400 enrolled first quarter freshmen. With this number of freshmen, we anticipate that the University will remain within the enrollment ceilings established by the Ohio General Assembly. The number of applications which we believe will be required to meet that goal has now been received.

This is the earliest that we have ever filled our freshmen class. Applications have been received at a rate never before experienced, and if a little pride may be excused, we think this is strong continuing evidence of the regard in which OSU is held by the people of Ohio. It is deeply gratifying that so many people are eager to attend, or have their sons and daughters attend, this institution.

It should be emphasized that although the freshman class is provisionally filled, persons who are still interested in attending Ohio State should not hesitate to apply. For one thing, emergency school closings and the unstable economy caused by energy shortages have created uncertainty about the number of students who actually will enroll. Also applicants who are not immediately admitted for autumn will be placed on a deferred acceptance list. As spaces become available, students on the list will be admitted for autumn quarter. If a student is not admitted for autumn quarter, however, he or she will be assured of acceptance for winter quarter.

Some spaces also remain open on the Columbus campus for freshmen who are able to begin summer quarter 1977, and admissions remain open for all quarters at Ohio State's Lima, Mansfield, Marion and Newark campuses and the Agricultural Technical Institute at Wooster.

We will also continue to accept some applications for part-time (fewer than nine credit hours) enrollment from students who wish to take evening degree or continuing education programs, and for all graduate programs.

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February 4, 1977 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 77-89

RESOLVED, that the report on the University's Investment Portfolio dated February 3, 1977, 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, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward O. Moulton
Secretary

John L. Gushman
Vice Chairman

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APPENDIX III

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

March 17, 1977

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Commencement Speaker

Willard Wirtz

Mr. Wirtz was Secretary of Labor in the cabinets of President John F. Kennedy and President Lyndon B. Johnson. He was previously a teacher of law at Northwestern University and the University of Iowa, as well as a labor arbitrator. He is the author of *Labor and the Public Interest* and of *The Boundless Resource: A Prospectus for an Education/Work Policy*, written in cooperation with the National Manpower Institute, of which he is chairman of the board. Mr. Wirtz is a practicing attorney in Washington, D.C.

The Ohio State University is pleased to confer upon Mr. Wirtz the honorary degree, Doctor of Humanities, and to have him address the 259th graduating class.

Honorary Degree Citations

Roy J. Plunkett

Your dedication to discovery and learning in the chemical laboratory has had profound effects on modern mankind from the family household to the complex world of industrial, military, and aerospace technologies. Your research in fluorocarbon chemistry has laid the base for new products that contribute to an improved quality of life. Your scholarship and commitment to science serve as a model for others.

Walter Seager Sullivan

You have enriched both journalism and science by bringing together the world of scientific discovery, both pure and applied, and the American newspaper reader. Few writers have brought to bear such lucid exposition, deep personal knowledge, and broad understanding of the world of science for the benefit of all who care enough to read and to learn. You have been an exemplary daily historian of new discoveries and also have made your own contribution to the literature of science.

Willard Wirtz

You have served the law, your nation, and two of its presidents with great skill and distinction. Now, in a new career, you are fashioning the framework within which the world of work and the world of education can be brought together in ways that enrich both.

The Graduate School

Dean: Jules B. LaPridis

Doctor of Philosophy

Eighty-one candidates

(Field of Specialization and Adviser are in italics)

Patrick Oladipo Aina, Iloro Ekiti, Nigeria;
B.Sc. (University of Ife); *Agronomy*;
Dr. George S. Taylor

Marianita Madamba Albano,
Quezon City, Philippines;
B.Sc. (University of the Philippines); M.S.;
Botany; *Dr. John A. Schmitt*

Ahmed Mohammad Al-Jumaily,
South Bend, Ind.;
B.S. (University of Baghdad); M.S.;
Mechanical Engineering;
Dr. Lynn L. Faulkner

Salvador Badui, Mexico, D. F., Mexico;
Ingeniero Químico (National University of
Mexico); M.S.; *Food Science and Nutrition*;
Dr. Poul M. T. Hansen

Bernard Louis Baltz, Indianapolis, Ind.;
B.S.; M.S. (University of Chicago);
Education; *Dr. Harold C. Trimble*

Barbara Moore Bayer, El Paso, Tex.;
B.S. (University of Texas at El Paso);
Pharmacology; *Dr. Daniel Court*

Michael Stephen Beattie,
Burlingame, Calif.;
B.S. (University of California at Davis);
M.A.; *Psychology*; *Dr. Donald R. Meyer*

Charles William Bell, Columbus;
B.S.; M.Ed. (Kent State University);
Education; *Dr. Herman J. Peters*

Charanjit Moorthy Bhat, Pangala, India;
B.Sc., B.Ed., M.S. (University of Delhi);
Home Economics; *Dr. Virginia M. Vivian*

Krishnamoorthy Y. Bhat, Punjab, India;
B.A. (University of Madras); Diploma
(Visva-Bharati University); M.A. (Kent
State University); *Art Education*;
Dr. Kenneth Marantz

Sarah Gilbert Bishop, Columbus;
B.A. (College of Wooster); M.A.;
Romance Languages and Literatures;
Dr. David A. Griffin

John Holly Boucher, San Rafael, Calif.;
B.S.Agr., D.V.M. (University of Missouri);
M.S. (Cornell University); M.S.;
Veterinary Physiology and Pharmacology;
Dr. Robert L. Hamlin

Peter Carrell Camana, Pennsburg, Pa.;
B.S.E.E. (Lehigh University); M.S.;
Electrical Engineering;
Dr. Hooshang Hemami

Donald Albert Carey, Enid, Okla.;
B.S. (United States Air Force Academy);
M.S. (Air Force Institute of Technology);
Metalurgical Engineering;
Dr. John P. Hirth

Martin Robert Deibel, Jr., Columbus;
B.S.; *Biochemistry*; *Dr. David H. Ives*

Charles Kornelius Eden, Columbus;
B.A., M.Crim. (University of California);
M.A.; *Public Administration*;
Dr. Sven Lundstedt

Dennis Dale Fay, Cleveland;
B.S., M.S.; *Medical Microbiology*;
Dr. Bernard U. Bowman

Margaret Rachel Fete, Tallmadge;
B.A. (University of Colorado); M.A.T.
(Wesleyan University); M.A. (Middlebury
College); *Romance Languages and
Literatures*; *Dr. Pierre Astier*

Stanley Charles Finney, Riverside, Calif.;
B.S., M.S. (University of California,
Riverside); *Geology and Mineralogy*;
Dr. Stig M. Bergstrom

Algebra Warren Freeman, Benson, N. C.;
B.S. (Fayetteville State College); M.S.
(Southern Illinois University);
Communication; *Dr. John W. Black*

David William Fry, Buckland;
B.S.; *Physiological Chemistry*;
Dr. Keith E. Richardson

Grace Weisheimer Galbreath, Worthington;
B.S.Ed., M.A.; *Education*;
Dr. James V. Wight

Robert Pailles Godfrey, Martins Ferry;
B.S. in Bus. Adm. (Bowling Green State
University); M.B.A. (Ohio University);
Education; *Dr. Mildred Hillestad*

Douglas B. Golden, Flint, Mich.;
B.S. (University of Michigan);
M.A. (Eastern Michigan University);
Psychology; *Dr. Barbara A. Edmonson*

Moses Green, Charleston, S. C.;
B.A. (Bishop College); M.A.;
Education; *Dr. Donald R. Bateman*

Sanford Charles Gunn, Montague, Mass.;
B.B.A., M.S. (University of
Massachusetts); *Accounting*;
Dr. Elzy V. McCullough

Daniel Pierce Guy, Columbus;
B.A., B.S.Ed., M.A.; *Education*;
Dr. Ann W. Engin

Charles Thomas Hallmark,
Hermleigh, Tex.;
B.S., M.S. (Texas Technological College);
Agronomy; *Dr. N. E. Smeck*

Margaret Berret Henderson, Columbus;
B.S. (University of Pittsburgh); M.A.;
Psychology; *Dr. Charles Wenar*

James Gerald Hodges, Gadsden, Ala.;
B.A. (Samford University); *Education*;
Dr. James E. Kerber

William Archibald Irwin, Columbus;
B.S. in Bus., M.S. in Ed. (Indiana
University); *Education*; *Dr. Philip A. Tripp*

Marleen Meiko Irumi,
Greenwood, B. C., Canada;
B. Com. (University of British Columbia);
M.A.; *Accounting*; *Dr. Thomas J. Burnas*

Beatrice Carolyn Jimenez, Fresno, Calif.;
B.A. (San Jose State College); M.A.
(California State College at Fresno);
Communication; *Dr. Sheila M. Goff*

Wicha Jiwalai, Dhomburi, Thailand;
B.E.C.E. (Chulalongkorn University);
B.Sc., M.Sc. (International Institute for
Aerial Survey and Earth Sciences); M.S.;
Geodetic Science; *Dr. Dean C. Merchant*

George Philip Kinstle, Mansfield;
B.S. (University of Notre Dame); M.S.;
Chemistry; *Dr. Eugene P. Schram*

Barbara Knauss Lechner, Granville;
B.A. (Marietta College); M.A.;
Communication; *Dr. John W. Black*

Aileen An-Lu Lee, Columbus;
B.A. (University of California at Los
Angeles); M.A. (California State College);
Psychology; *Dr. Donald R. Meyer*

Chang Rae Lee, Chonju, Korea;
B.S.Agr. (Seoul National University); M.S.;
Food Science and Nutrition;
Dr. W. James Harper

Kyung Lyong Lee, Seoul, Korea;
B. Com. (Seoul National University);
M.B.A. (College of Insurance); *Business
Administration*; *Dr. David L. Bickelhaup*

Ernest William Leggett, Jr., Columbus;
B.S.; M.S. (University of Illinois);
Computer and Information Science;
Dr. H. William Buttleman

Donald Ray Lewis, Findlay;
A.B. (Wilmington College); M.S.;
Entomology; *Dr. David J. Horn*

Michael John Manning, Rocky River;
B.A. (Wittenberg University); *Chemistry*;
Dr. John S. Swenton

Dorothy Feeney Mathews, Columbus;
B.A. (Duke University); M.A.;
Psychology; *Dr. W. Bruce Walsh*

Paul Thomas McCauley, Worthington;
B.S.; *Pharmacology*; *Dr. Joseph Bianchine*

William Sawyer Mellon, Lynn, Mass.;
B.S. in Pharm. (Northeastern University);
Pharmacy; *Dr. Dennis R. Keller*

Gary Keith Moore, Worthington;
B.S.Ed. (Otterbein College); M.A.;
Physical Education; *Dr. Charles Mand*

Robert Dana Moorehead, Columbus;
B.S.Soc.Wel., M.A.; *Education*;
Dr. William D. Dowling

John Franklin Nawrocki, Columbus;
B.S., M.S.; *Microbiology*;
Dr. Matthew C. Dodd

Margaret Ann Novotny, Columbus;
B.A. (San Jose State College); M.A.;
Psychology; *Dr. Andrew I. Schwebel*

Carol Patricia O'Connell, Dayton;
B.S.Ed. (University of Dayton); M.A.;
Education; *Dr. Frederick Staub*

Micah Atsiaya Oriado, Maseno, Kenya;
B.S. (Oregon State University); B.S.,
M.S. (University of Oregon); *Education*;
Dr. Victor J. Mayer

Margaret Gwen Oshans, Beachwood;
B.S.Ed., M.A.; *Education*;
Dr. Donald R. Bateman

Ruann Ernst Pengov, Beckley, W. Va.;
B.S.Ed., M.A.; *Public Administration*;
Dr. Sven B. Lundstedt

Kenneth Joseph Pennline, Monessen, Pa.;
B.S. (Waynesburg College); M.S.;
Microbiology; *Dr. Matthew C. Dodd*

John Wayne Perkins, Columbus;
B.A., M.A.; *Linguistics*; *Dr. Ilse Lehiste*

Maija Petersons, Columbus;
B.S. (Stout State University); M.S.
(University of Wisconsin); *Food Science*
and Nutrition; *Dr. John B. Alfred*

Linda Seghers Press, Columbus;
B.S.; *Chemistry*; *Dr. Harold Shechter*

T. V. Rajan Babu, Kerala, India;
B.Sc. (University of Kerala); M.Sc.
(Indian Institute of Technology, Madras);
Chemistry; *Dr. Harold Shechter*

Pisitha Ratanavararaksa,
Bangkok, Thailand;
B.Sc., M.Sc. (Chulalongkorn University);
Physics; *Dr. David G. Stroud*

James Michael Reinsel, Pittsburgh, Pa.;
B.S. (University of Pittsburgh);
M.S.W. (West Virginia University);
Social Work; *Dr. Joseph J. Parnicky*

David Harold Resler, Garrettsville;
B.A. (Muskingum College); M.A.;
Economics; *Dr. Edward J. Kane*

William Ellis Rodgers, Marianna, Pa.;
B.S. (University of Notre Dame);
M.S. (University of Illinois); *Electrical*
Engineering; *Dr. Robert B. Lackey*

Joan Sagotsky, Freehold, N. J.;
A.B. (Cornell University); M.A.;
Psychology; *Dr. Charles Wenar*

Allan Dale Schuster, St. Louis, Mo.;
B.S. Bus. Adm., M.B.A.; *Business*
Administration; *Dr. Bernard J. LaLonde*

Charles David Schweickart, Columbus;
B.S. (University of Dayton); Ph.D.
(University of Virginia); M.A.;
Philosophy; *Dr. James P. Scanlan*

Holly Semiloff, Columbus;
B.A. (University of Wisconsin); M.A.;
Linguistics; *Dr. Ilse Lehiste*

Barbara Jordan Shepherd, Columbus;
B.A., M.A. (Michigan State University);
Education; *Dr. Anthony C. Riccio*

Kamar Jit Singh, Ropar, India;
B.Sc. (Punjab University); M.S.; *Civil*
Engineering; *Dr. Ranbir S. Sandhu*

Yatindra Singh, Deona, India;
B.Sc. (Agra University); B.Tech., M.Tech.
(Indian Institute of Technology);
Agricultural Engineering;
Dr. John L. Blaisdell and
Dr. Floyd L. Herum

Charles Gaylord Smith, Columbus;
B.A.; *Zoology*; *Dr. Ted Cavender*

Tomás Soler, Seattle, Wash.;
M.S. (University of Washington);
Geodetic Science; *Dr. Ivan I. Mueller*

George G. Suckarieh, Cincinnati;
B.Sc. (Damascus University); M.S.
(University of Cincinnati); M.B.A.; *Civil*
Engineering; *Dr. Kamran Majidzadeh*

Sundararajan Sadagopan
Sundararajapuram, Poonia, India;
B.Sc., B.E. (University of Poonia); M.S.;
Electrical Engineering; *Dr. Richard M.*
Campbell and Dr. Robert M. Nerem

Robert Dominique Tamilia,
Quebec, Que., Canada;
B.S., M.B.A. (McGill University); *Business*
Administration; *Dr. Roger D. Blackwell*

Gary Benjamin Tatterson, Columbus;
B.S. (University of Pittsburgh); M.S.;
Chemical Engineering;
Dr. Robert S. Brodkey

Allan Edward Tiarks, Council Bluffs, Ia.;
B.S. (Iowa State University); M.S.
(University of Nebraska); *Agronomy*;
Dr. George S. Taylor and
Dr. D. M. VanDoren, Jr.

Joseph Lissa Tommy, Greensboro, N. C.;
B.S. (North Carolina Agricultural and
Technical State University); M.S.;
Agricultural Economics and Rural
Sociology; *Dr. G. Howard Phillips*

James Robert Tull, Painesville;
B.Mus. (Ohio Wesleyan University);
M.A. (Western Reserve University);
Music; *Dr. Norman Phelps*

Donna Lynn VanOverloop, Columbus;
B.A. (Calvin College); M.A.; *Psychology*;
Dr. Henry Leland

John David Waddell, Miamisburg;
B.S.M.E., M.S.; *Nuclear Engineering*;
Dr. Robert F. Redmond and
Dr. Frances A. O'Hara

Paul Harvey Zinszer, Columbus;
B.S.C.E., M.C.P., M.B.A.; *Business*
Administration; *Dr. Bernard J. LaLonde*

**Certificate of Specialist
in Educational Administration**

One candidate

Ann Whitehead Hanning, Columbus;
B.S.Ed., M.A.

Master of Accounting

Two candidates

(Field of Specialization is in italics)

Clifford Scott Brahm, Peekskill, N. Y.;
B.B.A. (University of Miami); *Accounting*

Jeffrey Paul Eisenman, Columbus;
B.S.Bus.Adm; *Accounting*

Master of Architecture

Two candidates

(Field of Specialization is in italics)

Steven Everett Phillips, Ashville;
B.Arch.; *Architecture*

George Athanasios Sgourous, Athens, Greece;
B.S.Arch.; *Architecture*

Master of Arts

One hundred and thirty-two candidates

(Field of Specialization is in italics)

Roberto Abramson, Rio de Janeiro, Brazil;
B.Public Adm. (Escola
Brazileira Administracao Publica);
Business Administration

Juan Gerardo Alvarez, Merida, Venezuela;
B.Econ. (Universidad de Los Andes);
Education

Gordon A. Arnold, Columbus;
B.A.; *Public Administration*

Jane Claire Ax, Columbus;
B.A. (Indiana University); *Political
Science*

Virginia Gieseeking Babcock, Ashland;
B.S.Ed.; *Education*

Douglas Evan Bachman, Columbus;
B.S.Ind.Des.; *Industrial Design*

Mary Hockaday Bagley, Columbus;
B.S.Ed. (Pennsylvania State University);
Education

Laurie Diane Becker, Toledo;
B.A. (Northwestern University); *Public
Administration*

Anker Memory Bell, Fairport Harbor;
B.A.; *Art Education*

William Barrett Benninger, Madison, N. J.;
B.A.; *Psychology*

Jeanine Schroeder Biemel, Columbus;
B.S.Ed.; *Education*

Theodore Glenn Borkan,
Miami Beach, Fla.;
B.A. (Oberlin College); *Psychology*

Leonard Brockington, Mullins, S. C.;
B.S. (South Carolina State College);
Physical Education

Denise Rae Broomhall, Columbus;
B.A.; *Classics*

Marion Martha Brown, Burlington, N. C.;
B.A. (University of North Carolina);
Philosophy

Wayne M. Brown, Toledo;
B.Ed., B.A., M.A. (University of Toledo);
Economics

Nancy Jane Burgin, Columbus;
B.Ed. (National College of Education);
Education

Phyllis Ann Burns, Marion;
B.S.Ed.; *Education*

Charls Joy Buzzard, Cameron, W.Va.;
B.Mus. (West Virginia University); *Music*

Lucretia S. Carlisle, Columbus;
B.A. (Columbia Union College); *Education*

Allan James Carroll, Cleveland;
B.S.Bus.Adm. (Bowling Green State
University); *Physical Education*

Yeh-min Chang, Chia-Yi, Taiwan;
B.A. (Taiwan Normal University); *East
Asian Languages and Literatures*

John Jerry Cheeseman, Columbus;
B.S.Ed.; *Music*

FungSim Amelia Chu, Hong Kong;
B.A.; *Sociology*

Judith Anne Cook, Philadelphia, Pa.;
B.A. (University of Delaware); *Sociology*

John Dudley Corrigan, Somerville, N. J.;
B.A. (New College); *Psychology*

James H. Cox, Jr., Logan, W.Va.;
B.S.Ed. (Malone College); *Education*

Liane Woltmann Curren, Marion
B.S.Ed.; *Education*

Marjorie A. Cutnaw, Mansfield;
B.A. (Olivet College); *Education*

Richard Albert Dacks, Rochester, N. Y.;
B.M. (Ohio Wesleyan University); *Music*

Eric G. Dahlberg, Wellston;
B.A., M.Ed. (Ohio University); *Public
Administration*

Alexandria J. DeLoatch, New York, N. Y.;
B.A. (University of Massachusetts);
Education

Geraldine Theresa Demeter, Columbus;
B.S.Ed.; *Education*

Toni Carol Denton, Muskogee, Okla.;
B.A. (Oklahoma State University);
Education

Clara Logan Diaz, Valdosta, Ga.;
B.F.A. (University of North Carolina);
Education

Joseph E. Doodan, Columbus;
B.A.; *Geography*

Marion Leedom Driehorst, Columbus;
B.S.Ed.; *Education*

Robert L. Ellis, Mansfield;
B.S.Ed.; *Education*

Chris W. Eskridge, Worthington;
B.S. (Brigham Young University); *Public
Administration*

Sonnja Fajardo, Columbus;
B.A. (Southern Methodist University);
Romance Languages and Literatures

Christopher Douglas Farrar,
Los Angeles, Calif.;
B.A. (University of California at Los
Angeles); *Linguistics*

Rona Nadine Feldman,
Windsor, Ont., Canada;
B.S.; *Education*

James Howard Finkelstein, Columbus;
B.S.Ed. (Miami University); *Education*

Joan Catherine Fowler,
Dungannon, North Ireland;
Diploma of Fine Arts (Northern Ireland
Polytechnic); Post-Diploma (Northern
Ireland Polytechnic, England); *Art
Education*

Mary D. Fried, Springfield;
B.S.Ed.; *Education*

Harriet Citron Ganson, Cincinnati;
B.S.Ed. (Miami University); M.S.;
Sociology

Marilyn Catherine Gennarelli,
Brooklyn, N. Y.;
B.A. (State University of New York at
Buffalo); *Communication*

Joanne B. Gilbert, Columbus;
B.S. (Bradley University); *Public
Administration*

Keith Eric Gohnour, Columbus;
B.A. (Capital University); *Education*

David M. Gold, South Fallsburg, N. Y.;
B.A. (State University of New York at
Binghamton); J.D.; *History*

Milford B. Green, Columbus;
B.A.; *Geography*

- Della Arlene Arledge Gregory, Delaware; B.S.Ed.; *Education*
- Christine Guarnieri, Warren; B.A.; *History*
- June Irene Hahn, St Louis, Mo.; B.S. (University of Missouri); *Psychology*
- John Robert Hall, Columbus; B.A. (University of Arizona); *Education*
- Karyl Fortney Hanhilammi, Columbus; B.S.Ed.; *Education*
- Donald William Harman, Columbus; B.Mus.Ed.; *Music*
- Thelma Lutisha Harris, Worthington; B.S.Ed.; *Education*
- Leena Tuulikki Hazelkorn, Columbus; Diploma (Jyvaskylan Korkeakoulu, Finland); *Linguistics*
- Graham Leon Heath, Selma, Ala.; B.A. (University of Alabama); *Journalism*
- Maxine Seelenbinder Hecht, Columbus; B.S. (Capital University); *Art Education*
- Patricia Lou Hill, Dublin; B.S. (University of Cincinnati); *Education*
- Peter Abraham Horn, Columbus; A.B. (University of Pittsburgh); *Philosophy*
- Louise Paula Hosta, Johnstown; B.A. (Lake Erie College); *Education*
- Nita Fian Huffman, Columbus; B.S.Ed. (Bowling Green State University); *Education*
- Steven F. Humphrey, Los Angeles, Calif.; B.A. (University of California at Los Angeles); *Philosophy*
- Marcia Lynn Hurlow, Mt. Vernon; B.A. (Ohio Baldwin-Wallace College); *Journalism*
- Wendy Bullard Jackson, Columbus; B.A. (Hampshire College); *Public Administration*
- Elaine Madak James, Canton; B.S.Ed. (University of Dayton); *Education*
- Alicia Jenkins, Columbus; B.S. (Elizabeth City State College); *Education*
- Nancy Johanna Keller, Carlisle, Pa.; B.A. (Juniata College); M.S. (University of Illinois); *Communication*
- Renée Anita Kingcaid, Lititz, Pa.; B.A. (Ohio Dominican College); *Romance Languages and Literatures*
- Berenice Elkin Kleiman, Columbus; B.S. (Syracuse University); *History*
- *Peter John Koenig, Columbus; *Economics*
- Mart Paul Koivastik, Beaverton, Ore.; B.S. (Arizona State University); *Journalism*
- Carol Loveless Koppel, Columbus; B.S.Ed.; *Education*
- Richard Michael Krach, East Canton; B.S.Ed.; *Education*
- Laurence Edward Lengyel, Akron; B.A. (Case Western Reserve University); *Psychology*
- Sharon Lynn Lieberman, Columbus; B.S.Soc.Wel.; *Education*
- Kathleen Sherman Lowry, Columbus; B.A.; *History*
- Elaine Jean Madigan, Montgomery, Ala.; B.S. (University of Alabama); *Political Science*
- Hussein Bashir Mahmoud, Agousa, Egypt; B.Sc. (Ain Shams University); B.A. (American University at Cairo); *Education*
- Samuel Thomas Martin, Mt. Vernon; B.S. (Olivet Nazarene College); *Education*
- Jane Mayo-Chamberlain, Columbus; A.B. (Mount Holyoke College); *Education*
- Anne Marie McCarrick, Columbus; B.S.Ed. (Ohio Dominican College); *Education*
- Getabecha Mekonnen, Columbus; B.S. (Central State University); *Black Studies*
- Ronald Leon Mitchelson, Oswego, N. Y.; B.A. (State University of New York at Buffalo); *Geography*
- Joan McQueeney Mitric, Columbus; A.B. (University of California at Berkeley); *Journalism*
- Rebecca McAtee Moore, Columbus; B.S.Ed.; *Education*
- Dawn Wyndell Nash, Smyrna, Ga.; B.A. (University of Georgia); *Public Administration*
- Marilyn Sue Odenweller, Delphos; B.S.Ed. (Miami University); *Education*
- Linda Whitehouse Pace, Columbus; B.S. (Otterbein College); *Education*
- Nancy Lyn Pelligra, Cuyahoga Falls; B.A.; *Communication*
- Derek Alexander Reveron, New Haven, Conn.; B.S. (Boston University); *Journalism*
- Timothy Ragon Rhode, Columbus; B.S., B.S.Ed.; *Education*
- Jane Sweeney Rife, Grove City; B.S.Ed. (West Virginia State College); *Education*
- Diana Kay Rigg, Shelby; B.A.; *Anthropology*
- Elizabeth Jewess Robinson, Columbus; B.S.Ed. (Ohio Dominican College); *Education*
- Carolynn Virginia Rogers, Worthington; B.S.Ed.; *Education*
- Thomas Duncan Rose, III, Kingsport, Tenn.; A.B. (Grove City College); M.S. (University of Tennessee); *Public Administration*
- Sharon Rupert, Columbus; B.S.H.E. (Ohio University); *Education*
- Carol Javna Savitz, New York, N. Y.; B.A. (Brandeis University); *Psychology*
- David Alan Scher, Westfield, N. J.; A.B. (Albright College); *Public Administration*
- John Douglas Scherer, Columbus; B.A., M.A.; *Public Administration*
- Anthony Wayne Severe, Jr., Batavia, N. Y.; B.A. (Canisius College); *Education*
- Ronald Gary Shapiro, Providence, R. I.; B.A. (University of Rochester); *Psychology*
- Larry Eugene Siegfried, Shelby; B.S.Ed.; *Physical Education*
- Samuel Morris Simpson, Columbus; B.S. (Springfield College); M.A. (Saint Mary's University, Texas); *Public Administration*
- Jeffrey Michael Smith, Columbus; B.S.Ed. (Ohio University); *Education*
- Jimmy Smith, Decherd, Tenn.; B.S. (Tennessee State University); *Political Science*
- Robin Ann Smith, Toledo; B.A.; *Anthropology*
- Christine Suzanne Smithies, Wilmington, Del.; B.A. (Occidental College); *Education*
- William Stewart Snyder, Zanesville; B.A.; *History*
- Susan Campbell Stanich, Columbus; B.S.H.E.; *Education*
- Sandra Kollar Stayrook, Columbus; B.Mus.Ed.; *Music*
- Judith McGraw Steele, Columbus; B.A. (Vanderbilt University); *Communication*
- Steven Conrad Stone, Columbus; B.S.Ed.; *Education*
- Edward Louis Taris, Columbus; B.S.Ed.; *Education*
- Ann Wengler Thompson, Oxford; B.A.; *Psychology*
- *Also Bachelor of Arts, Colleges of the Arts and Sciences

Bruce Dennis Treichler, Columbus;
B.A. (University of Washington);
Political Science

David Eugene Tuttle, Crestline;
B.S.J. (Ohio University); *Journalism*

Jane Lynne Veith, Leonia, N. J.;
B.A. (Trinity College); *Psychology*

Priscilla Routh Ware, Columbus;
B.S.Ed.; *Education*

Dennis Lee Warmke, Gainesville, Fla.;
A.A., B.A. (University of Florida);
Psychology

Donna Temple Waters, Grove City;
B.A. (University of Northern Colorado);
Education

Kathleen S. Werbel, Marion;
B.S.Ed.; *Education*

John Arnold Wichita, San Diego, Calif.;
A.B. (California State University at
San Diego); *Political Science*

Mary Joanne Harris Wiles, Columbus;
B.S.; *Education*

Joan Frances Wingert, Springfield;
B.Mus.; *Music*

Anne Freeman Yeiser, Columbus;
B.A. (Lambuth College); *English*

Karen Ann Young, South Bend, Ind.;
B.S.Ed. (Ohio University); *Education*

Joseph David Younger, Canton;
A.B. (Dartmouth College); *English*

Master of Business Administration

Twenty-eight candidates

(Field of Specialization is in italics)

Saleh Fahad AL-Zouman, Kuwait;
B.Comm. (Kuwait University);
Business Administration

Robert Lee Angel, Dayton;
B.S.Bus.Ad.; *Business Administration*

Fred J. Bellar, III, Columbus;
B.S. (Case Western Reserve University);
Business Administration

Ingrid Ileana Benn, Brooklyn, N. Y.;
B.A. (Wilmington College);
Business Administration

Sudie Mae Bethea, Roseboro, N. C.;
B.S. (North Carolina Central University);
Business Administration

Kenneth Michael Dean, Lithopolis;
B.S.Bus.Ad.; *Business Administration*

Michael Paul Dent, Trenton, N. J.;
B.Bus.Ad. (University of Notre Dame);
Business Administration

Sandra Simmons DeVennish, Columbus;
B.A.; *Business Administration*

Lawrence L. Duncan, Hartford City, Ind.;
B.S. (Ball State University);
Business Administration

Roger William Fisher, Worthington;
B.S.Bus.Ad.; *Business Administration*

Thomas L. Freese, Columbus;
B.S.Bus.Ad.; *Business Administration*

Barnette Gamble, Atlanta, Ga.;
B.S. (Elmhurst College);
Business Administration

Alain Gayral, Pau, France;
Licence es Sciences (University of Paris
VI); *Business Administration*

William D. Hauseisen, Columbus;
B.A. (Capital University); M.Div.
(Evangelical Theological Seminary); M.A.;
Business Administration

Scott Robert Herr, Columbus;
B.S.Bus.Ad.; *Business Administration*

Gwendolyn Ingram, Norfolk, Va.;
B.S.Bus.Ad. (Norfolk State College);
Business Administration

Shozo Kawakami, Osaka, Japan;
B.S. (Osaka City University);
B.S. (Portland State University);
Business Administration

Geoffrey Merlin Kemp, Kettering;
B.S.Bus.Ad.; *Business Administration*

Paul W. Leonardelli, Kettering;
B.S. (Miami University);
Business Administration

Ronald A. Luth, Columbus;
B.A. (University of Florida);
Business Administration

Gary William Lynch, Newark;
B.S. (University of Rhode Island);
Business Administration

Carol Simone Maierson, Columbus;
B.A. (University of Michigan);
Business Administration

Patrick Michael O'Donnell, Marysville;
B.S. (University of Vermont);
Business Administration

Gajendra Singh Poonia, Jaipur, India;
B.E. (University of Rajasthan);
Business Administration

Dan Allen Remley, Chillicothe;
B.A., M.A. (Ohio University);
Business Administration

Gerard James Speciale, St. Louis, Mo.;
B.S. (Saint Louis University);
Business Administration

Leslie Paul Troolin, Mansfield;
B.S. (United States Naval Academy);
Business Administration

Banjongrat Watanasukvibul,
Bangkok, Thailand;
B.S. in Bus.Ad. (Thammasat University);
Business Administration

Master of City and Regional Planning

Eight candidates

(Field of Specialization is in italics)

Judith Y. Brachman, Columbus;
A.B. (Radcliffe College);
City and Regional Planning

Bruce Robinson Chase, Kennebunk, Me.;
B.S.Arch., M.Arch.;
City and Regional Planning

John Wallace Clark, Chillicothe;
B.A. (Ohio Wesleyan University);
City and Regional Planning

Gary Paul Gunderman, Columbus;
B.A. (Ohio Northern University);
City and Regional Planning

Pamela Vite Roberts, Carroll;
B.A.; *City and Regional Planning*

James Alan Schmersahl, Frederick, Md.;
B.A. (Gettysburg College);
City and Regional Planning

Harry Thomas Yingst, Mingo Junction;
B.S. (Kent State University);
City and Regional Planning

Jay S. Zenitsky, Columbus;
B.A. (University of Missouri);
City and Regional Planning

Master of Public Administration

Two candidates

(Field of Specialization is in italics)

James J. Ankowski, Columbus;
B.A.; *Public Administration*

Robert Payton Walker, Jr., Portsmouth;
B.S.C.E.; *Public Administration*

Master of Science

One hundred and fifty-two candidates

(Field of Specialization is in italics)

Hamid Suliman Abdalla, Khartoum, Sudan;
B.V.Sc. (University of Khartoum);
Microbiology

Steven Michael Amundson, LaCrosse, Wis.;
B.S.E.E.; *Electrical Engineering*

Bobbie Darden Arewa, Columbus;
B.A. (Talladega College); M.S. (University
of Michigan); *Preventive Medicine*

- Sally Ann Armel, Columbus;
B.S.H.E.; *Home Economics*
- Richard R. Artino, Alliance;
B.S.; *Horticulture*
- Theodore Thomas Augustyn, Columbus;
B.S. (Purdue University);
Computer and Information Science
- Fred Mason Bagley, Chesterland;
B.S.; *Natural Resources*
- Alan Philip Bakalezt, Avon;
B.S.; *Microbiology*
- Gerald Clayton Baker, Whitinsville, Mass.;
B.S. (Calvin College); M.T. (Blodgett
Hospital); *Pathology*
- Ronald Willard Baker, Columbus;
B.S.M.E. (Ohio Northern University);
Nuclear Engineering
- Gary Daniel Ball, Columbus;
B.S.; *Nuclear Engineering*
- Gary Eugene Bergstrom, Kirkland;
B.A. (Wittenberg University);
Electrical Engineering
- William L. Birch, Jr., Lancaster;
B.A. (Ohio University);
Environmental Biology
- Rebecca Lou Bowling, Massillon;
B.A.; *Natural Resources*
- Michael Francis Boylan,
Traverse City, Mich.;
B.A. (Wayne State University);
Natural Resources
- Ernest Francis Brickell, Sayre, Okla.;
B.S. (Oklahoma State University);
Mathematics
- Frank S. Bright, Bedford;
B.A. (Otterbein College);
Preventive Medicine
- Bryan Stevens Buckalew, Columbus;
B.B.A. (University of Cincinnati);
Agricultural Economics and Rural Sociology
- James Robert Bucket, Ashtabula;
B.S.E.E. (Ohio Northern University);
Biomedical Engineering
- James Howard Bullock, Columbus;
B.A. (Muskingum College);
Agricultural Economics and Rural Sociology
- Corinne Cannelli Buoni, Columbus;
B.A. (Connecticut College);
Natural Resources
- Beverly Ann Byrum, Grove City;
B.A.; *Microbiology*
- Darryl Francis Cain, Belmont;
B.S.Agr.E.; *Agricultural Engineering*
- Richard Dennis Cassidy, Warren;
B.S.Food Tech.; *Animal Science*
- Neville Caulfield, Van Wert;
B.S.M.E.; *Mechanical Engineering*
- Jiuan-Min Chang, Taipei, Taiwan;
B.S.Agr. (National Taiwan University);
Chemistry
- Cheng-Tsung Chen, Taipei, Taiwan;
B.S. (National Taiwan University);
Mathematics
- Nick Edward Christians, Kanawha, Ia.;
B.S. (Colorado State University);
Agronomy
- Shang-Cheng Chyong, Taipei, Taiwan;
B.S. (National Taiwan Normal University);
M.S.; *Computer and Information Science*
- Lawrence Eugene Claggett, Newark;
B.S. (Denison University);
Natural Resources
- Raymond Thomas Collins, Westlake;
B.S.Ch.E.; *Chemical Engineering*
- Patricia Faye Crayton, Cleveland;
B.S. (Kent State University);
Home Economics
- Ronald Lee Crunkilton, Marysville;
B.S.Nat.Res.; *Zoology*
- Cynthia Ann Culp, Rocky River;
B.S. (Colorado State University);
Mathematics
- Hamid Reza Daneshjoo, Isfahan, Iran;
B.E.E. (University of Tehran);
Electrical Engineering
- Glena Ojumeri Davies,
Freetown, Sierra Leone;
B.S. (Wilmington College);
Preventive Medicine
- John Morse DeLaurentis, Mt. Vernon;
B.A. (Ohio Wesleyan University);
Mathematics
- Elizabeth B. DeShetler, Columbus;
B.S. (University of Oregon);
Home Economics
- Richard Edwin Doty, Columbus;
B.S. (Muskingum College);
Industrial and Systems Engineering
- Leslie Anne Dumas, North Canton;
B.S. (Kent State University);
Computer and Information Science
- Holly Irving Durst, Millersburg;
B.S. (Ohio University); *Dairy Science*
- David Barton Edmunds, Los Angeles, Calif.;
B.S. (California Polytechnic State
University); *Mechanical Engineering*
- Babiker Ali Mohammad Elamin,
Khartoum, Sudan;
B.V.Sc. (University of Khartoum);
Diploma (Royal Veterinary and
Agricultural University, Denmark);
Biochemistry
- Mohamed Shawki Elghazali, Cairo, Egypt;
M.S. (International Institute of Aerial
Survey and Earth Sciences);
Geodetic Science
- Lynn Sappie Esselstein, Columbus;
B.S.H.E.; *Home Economics*
- William Dennis Ewan, Parma;
B.S.C.I.S.; *Industrial and
Systems Engineering*
- Wei-Chou Fang, Taipei, Taiwan;
B.S.E. (National Cheng Kung University);
Metallurgical Engineering
- Keith Robert Farrell, Columbus;
B.A. (University of Virginia); *Genetics*
- Larry Marshall Feazell, Portsmouth;
B.A., B.S.Nat.Res.; *Natural Resources*
- Edwin Barker Folts, North Canton;
B.S.Nat.Res.; *Natural Resources*
- Michael Gildengorin, Holon, Israel;
Diploma Photo Eng. (International Institute
of Aerial Survey and Earth Sciences);
Cert.Surv. Diploma (College of Land
Survey); *Geodetic Science*
- Megh Raj Goyal, Sangrur, India;
B.Sc. (Ag.Eng.) (Punjab Agricultural
University); *Agricultural Engineering*
- Kenneth Franklin Grafton, Seven Hills;
B.S.Agr.; *Agronomy*
- Dhan Parkash Gupta, New Delhi, India;
B.S. (Panjab University);
Civil Engineering
- Patricia Ellen Hallden-Abberton, Columbus;
B.A. (State University of New York College
at Potsdam); *Mathematics*
- Awadalla Yousif Hamid, Khartoum, Sudan;
B.V.Sc. (University of Khartoum);
Dairy Science
- *Rebecca Ann Haserodt, Novelty;
Natural Resources
- Claire Ray Heller, Swan Lake, N. Y.;
B.S. (Cornell University);
Agricultural Economics and Rural Sociology
- Wilfred James Hemker, Kettering;
B.S. (Bowling Green State University);
Food Science and Nutrition
- Dennis Wilfred Herr, Metamora;
B.S.E.E. (Ohio Northern University);
Electrical Engineering
- Michael William Heslop, Columbus;
B.S.E.E.; *Electrical Engineering*
- Khoa Dinh Hoang, Columbus;
B.S.M.E.; *Mechanical Engineering*
- Kathie Ann Hoppe Holbrook, Port Clinton;
B.S.Nat.Res.; *Natural Resources*
- Frank Koch Holterhoff, Westerville;
B.S.; *Geology and Mineralogy*
- Kwei-Kuang Hsu, Taipei, Taiwan;
B.M.Dent. (National Taiwan University);
Anatomy

* Also Bachelor of Science in Natural Resources,
College of Agriculture and Home Economics

- Ihsan Ibrahim Hussein, Riad, Saudi Arabia; B.S.Agr.E.; *Agricultural Engineering*
- Kong Nam Hyun, Seoul, Korea; B.S. in Agr. (Seoul National University); *Agricultural Economics and Rural Sociology*
- Terrence Ishida, San Francisco, Calif.; A.B. (University of California at Berkeley); *Computer and Information Science*
- Kenneth Ray Jaskowiak, Columbus; B.S.E.E.; *Electrical Engineering*
- Burton Wayne Job, Warren; D.D.S.; *Anatomy*
- Donald Ray Jones, Holland, Va.; B.S. (Brigham Young University); *Computer and Information Science*
- Miriam Steinitz Kannan, Quito, Ecuador; B.A. (Rider College); *Zoology*
- Kuo-ti Kao, Taipei, Taiwan; B.Eng. (Chung-Cheng Institute of Technology); *Geodetic Science*
- Mary Elizabeth Karlins, Webster, S. D.; B.S. (University of South Dakota); *Computer and Information Science*
- Stanley Louis Karp, III, Saratoga, Calif.; B.S. (University of Santa Clara); *Computer and Information Science*
- John N. Kemeny, New York, N. Y.; B.S. (Hunter College); *Computer and Information Science*
- David Kopel, Brooklyn, N. Y.; B.S. (Polytechnic Institute of Brooklyn); *Mechanical Engineering*
- Thomas Wayne Kornbau, Salem; B.E.E. (General Motors Institute); *Electrical Engineering*
- Tom Jay Kretovics, Lorain; B.S.I.E. (General Motors Institute); *Industrial and Systems Engineering*
- Vicki Lynn Krupa, Columbus; B.S.Ed.; *Natural Resources*
- Kuo-Nan Kuo, Hsin Chuang, Taiwan; B.S. (National Taiwan University); *Chemistry*
- Chakpun Lai, Kowloon, Hong Kong; B.E.E. (University of Minnesota); *Computer and Information Science*
- Steven Peter Lankton, Midland, Mich.; B.S.Ch.E.; *Chemical Engineering*
- Juny Pilapil La Putt, Baguio City, Philippines; B.S.C.E. (Mapua Institute of Technology); *Geodetic Science*
- James Albert Larson, Columbus; B.S.E.E. (Northwestern University); *Electrical Engineering*
- Kenneth David Lebda, Columbus; B.S.; *Computer and Information Science*
- Dennis Craig Lee, Sebring; B.E. (Youngstown State University); *Electrical Engineering*
- John Howard LeFever, Whittier, Calif.; A.B. (Occidental College); M.S.; *Computer and Information Science*
- Mary Afroditte Lewnes, Wayne, N. J.; B.S. (Rutgers University); *Horticulture*
- Chengyen Lin, Pingtung, Taiwan; B.S. (National Cheng Kung University); *Chemistry*
- Tair-pyng Lin, Taipei, Taiwan; B.S., M.S. (National Taiwan University); *Mathematics*
- Kathleen McCall Lingle, Columbus; B.A. (Occidental College); *Home Economics*
- Robert Eugene Little, Wapakoneta; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Chung-Der Liu, Tainan, Taiwan; B.S., M.S. (National Tsing Hua University); M.S.; *Computer and Information Science*
- Bruce Alexander Maki, Painesville; B.S. (United States Military Academy); *Nuclear Engineering*
- *Michael Jerome Mann, Parma; *Natural Resources*
- Patricia Lee Martinkovic, Green Bay, Wis.; B.S. (University of Wisconsin); *Natural Resources*
- Marilyn Selah Mavko, Columbus; B.S. in Tech. (Bowling Green State University); *Home Economics*
- †James Patrick McAllister, Lorain; *Horticulture*
- Dennis Lee McCallister, Leipsic; B.S. (University of Notre Dame); *Agronomy*
- Donald Lawrence McLain, Tenino, Wash.; D.V.M. (Washington State University); *Veterinary Clinical Sciences*
- Aeryung Moon, Seoul, Korea; B.Sc. (Seoul National University); *Mathematics*
- Keith Emmett Morris, Marietta; B.S. (Marietta College); *Industrial and Systems Engineering*
- David Martin Muller, Columbus; B.S.; *Chemical Engineering*
- Robert Drew Munoz, Fostoria; B.S. (University of Wisconsin); *Agricultural Economics and Rural Sociology*
- Joyce Marie Nelson, West Monroe, La.; B.S. (Southern University); *Computer and Information Science*
- Ernesto Neurohr, San Jose, Costa Rica; *Electrical Engineering*
- Thomas Michael Ontko, Marblehead; B.L.S. (Bowling Green State University); *Chemistry*
- James Edward Paschetto, Little Silver, N. J.; B.S. (Seton Hall University); *Computer and Information Science*
- Edward Richard Percy, Jr., Whitehall; B.S.; *Statistics*
- W. Kumara Perera, Sri Lanka; B.Sc. (University of Sri Lanka); *Geodetic Science*
- Marguerite Ann Persi, Columbus; B.A.; *Microbiology*
- John Bruce Pickens, Columbus; B.S.Agr.E.; *Civil Engineering*
- Muzafar-Ul Haq Pir, Dadu, Pakistan; B.E. (University of Sind); *Electrical Engineering*
- Daniel Andrew Potter, Ithaca, N. Y.; B.S. (Cornell University); *Entomology*
- Larry Eugene Ralston, Upper Sandusky; B.S.Agr.; *Natural Resources*
- William Ramsini, Rezaieh, Iran; *Agricultural Education*
- Alexander George Razoock, Sao Paulo, Brazil; Agronomist (Universidade de Sao Paulo); *Animal Science*
- Francis Earl Reed, Jr., Columbus; B.S.; *Computer and Information Science*
- Linda Kay Roberts, Mansfield; B.A. (College of Mount Saint Joseph on-the-Ohio); *Home Economics*
- Barbara Jane Robison, Evansville, Ind.; A.B. (Indiana University); *Microbiology*
- Dale Hugh Rogers, Columbus; B.A. (University of Pittsburgh); *Allied Medical Professions*
- Justine Martin Santschi, Marion; B.S.H.E.; *Home Economics*
- Diane K. Schlegel, Columbus; B.S.H.E.; *Home Economics*
- Stephen Jan Schroder, Decatur, Ill.; B.S. (Southern Illinois University); *Chemistry*
- Jatinkumar T. Shah, Bombay, India; *Chemical Engineering*
- Carol Ann Shulko, Columbus; B.S.Ed. (Bowling Green State University); *Genetics*

* Also Bachelor of Science in Natural Resources, College of Agriculture and Home Economics
 † Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Mark Steven Siegel, Cincinnati;
B.S.Agr.; *Dairy Science*

Kamilla King Sigafos, Zanesville;
B.A. (Miami University); M.A.;
Allied Medical Professions

David Scott Sink, Findlay;
B.S.I.E.; *Industrial and
Systems Engineering*

Patricia Little Smith, Columbus;
B.S. (University of Cincinnati); *Nursing*

Mary Bridget Sobnosky, Youngstown;
B.S. (Miami University); *Home Economics*

Mary Jean Speno, Auburn, N. Y.;
B.A. (State University of New York College
at Geneseo);
Computer and Information Science

Nicholas P. Stelliou, Athens, Greece;
B.S. (New York Institute of Technology);
Electrical Engineering

Randy Craig Stephens, Westerville;
B.S.E.E. (West Virginia University);
Electrical Engineering

Jerome Anthony Streeky, Youngstown;
B.S. (Case Western Reserve University);
Chemistry

Arthur Martin Thinguldstad, Worthington;
B.S.E.E.; *Electrical Engineering*

Raymond Leslie Thompson, Zanesville;
B.A. (College of Wooster); *Chemistry*

Gayle Lynne Tintera, Cleveland;
B.S. (Cleveland State University);
Mathematics

Donald Paul Tusko, Lorain;
B.E.E.; *Electrical Engineering*

Son Ngoc Vo, Columbus;
B.S.M.E. (Purdue University);
Mechanical Engineering

Susan Louise Wagner, Columbus;
B.S. (University of New Hampshire);
Home Economics

Charles Michael Waite, Shavertown, Pa.;
B.S. (Wilkes College);
Computer and Information Science

Emily Anne Walton, Nevada;
B.S.Agr.; *Animal Science*

Ming-Chi Judy Wang, Taipei, Taiwan;
B.S. (National Taiwan University);
Horticulture

Larry Elden Watrous, Columbus;
B.S. (University of Connecticut);
Entomology

David Scott Wertheim, Brooklyn, N. Y.;
B.S. (Brooklyn College);
Computer and Information Science

Jacob John Wolf, III, Toledo;
B.S.E.E., M.S.I.E. (University of Toledo);
Computer and Information Science

Huey-Tzen James Wu, Hsinchu, Taiwan;
B.S. (National Taiwan Normal University);
Mathematics

Steven Thomas Yarsa, Elyria;
A.D. (Hocking Technical College);
B.S. (Kent State University);
Natural Resources

Brenda Lynn Yost,
Berkeley Springs, W. Va.;
B.S.H.E.; *Home Economics*

Seth Allen Young, Columbus;
B.S. (Antioch College); M.B.A. (Xavier
University); *Preventive Medicine*

Master of Social Work

One candidate

(Field of Specialization is in italics)

Charlotte Ruth Rainsberger, South Point
B.A. (Southern Methodist University);
M.A.; *Social Work*

Colleges of the Arts and Sciences

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

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 Mathematics and Physical Sciences

College of Social and Behavioral Sciences

College of The Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Fifteen candidates

Lois Elaine Anderson, Grove City
Ann Elizabeth Gebhardt, Springfield
Keith Glasgow, Columbus
Dale Arthur Graves, Columbus
Gail Ann Gregory, Columbus
Michael Langthorne, Columbus
Christopher H. Mallon, Cincinnati
Anthony Robert Mingrone, Jr.,
Shelton, Conn.
Lisa M. Myers, Gahanna
Jennifer Imhoff Nesser, Columbus
Deborah S. Olen, Wooster
Stephen D. Patch, Columbus
David Richard Polter, West Unity
Kristin L. Priesmeyer, Chagrin Falls
Eugene Smoot, Jr., Columbus

Bachelor of Fine Arts

Sixteen candidates

*Janet Helen Bauer, Berlin Heights
Mary Catherine Dickey, Brecksville
Marcy Diane Feren, Cleveland
Judith Mabel Fitch, Worthington
Donna Marie Jones, Columbus
Marilyn Sue Jones, Warren
Barbara Jean Kaiser, Grove City
Toni Maria Kilgore, Columbus
Charlotte Dianne Killian, Springfield, Ill.
David Edward Leppert, Columbus
Martha Ann McGuire, Mt. Vernon

Karen Lee Myers, Columbus
Lisa Ann Parsons, Mentor
Nancy Leigh Rick, Worthington
Barbara Rose Seligson, Medina
Cathy Annette Townes, Columbus

Bachelor of Music

Two candidates

Steven Craig Dornbusch, Columbus
†Barbara Anne Ihnat, Columbus

**Bachelor of Art Education and
Bachelor of Music Education**
are offered jointly by the
**College of The Arts and the
College of Education**

Bachelor of Art Education

Six candidates

Laura Lane Ankrum-Nash, Reynoldsburg
†Janet Helen Bauer, Berlin Heights
Paul Stephen Bussey, Jacksonstown;
B.F.A.
Linda Lou Filsinger, Euclid
Mary Ann Lusco, Columbus
Susan Jane Sumerix, Akron

Bachelor of Music Education

Eight candidates

Moses Lawrence Carreker, Columbus
Marietta Lee Clark, Xenia
Robert Byron Day, Columbus
Mary Anne Frieg, Lakewood
John Michael Gilbert, Worthington
Mary Rose Gron, Rayland
†Barbara Anne Ihnat, Columbus
Aaron Cicero Jackson, Columbus

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Three candidates

Harry Lewis Hutch, Jr., Stow
Rick David Murphy, Portsmouth
David Leslie Wetherell, Aberdeen, Md.

Bachelor of Science

Seventy-two candidates

Patrick W. Adams, Columbus
Keith J. Alexander, Rocky River
Robert Huston Alexander, Columbus
Stephen Michael Allen, Circleville
Mary Lynne Anderson, Worthington
Joseph Michael Bannan, Shadyside
Edward Charles Bell, Cambridge
Howard Adam Black, Akron
Lee Horton Bowlus, Centerville
David Owsley Boyd, Carmel, Ind.
Nancy Jo Braden, Columbus
Gregory Patrick Brown, Dayton
Nicholas W. Calderone, Columbus, B.A.
Herbert S. Chow, Poughkeepsie, N. Y.
Doug Corns, Cincinnati
Jeffrey Michael Couch, Wadsworth
James Robert Cryder, Jr., Wyoming
James J. Dasbach, Cincinnati
Paula M. Dooper, Columbus
William Lloyd Driehorst, Columbus
Marian Patricia Droba, Warren
James Thomas Eldridge, Mason
James Emery Estep, Columbus
Charles Mitchell Fields, Jackson
Dorcas Millicent Fitzsimmons, Columbus
Bruce Anthony Graham, Louisville
Jeffery Wayne Grimm, Youngstown
Marc W. Gunias, Akron
William Vernell Harris, Columbus
James Clyde Harvell, Jr.,
Morehead City, N. C.
Loren Scott Heron, Youngstown
Dawn Marie Hodgson, Massillon
Mary Ann Hrovat, Columbus
Shirley L. Huber, Columbus
Joseph Marian Jeu, Centerville
Craig Alan Jordan, Columbus
Gary Keith Kahn, Dayton
Bruce Alan Killinger, Gahanna
Barbara Lee King, Dayton
Diane M. Kofskey, Broadview Heights
James Michael Kroeyer, Columbus
Gary John Kubala, Lawrenceville, N. J.
Marcia Lee Landefeld, Cuyahoga Falls
Edith M. Lindsay, Dayton
Gregory Allen Matthew Lishko, Cleveland
David M. Lowry, Akron
John Frederick Mayer, II, Columbus
David Charles Mayer, Columbus
Kevin James McGowan, Springfield
Joseph Patrick Melton, Dayton
Deborah Lyn Mencer, Clinton
David George Meyer, Cincinnati
Thomas Barry Miller, Wooster
James N. Passias, Columbus
Richard J. Petersen, Columbus
Howard Ian Potash, Pepper Pike
Steven Jeffrey Ramey, Perrysville

* Also Bachelor of Art Education, College of Education
† Also Bachelor of Music Education, College of Education

‡ Also Bachelor of Fine Arts, Colleges of the Arts and Sciences

§ Also Bachelor of Music, Colleges of the Arts and Sciences

William Thomas Rothhaar, Bethel Park, Pa.
Gregory Allen Schrumpp, Columbus
Anthony Lynn Shalosky, Columbus
Nyle Bruce Simpson, Columbus
David Storer Stadnick, Richwood, N. J.
Nicholas R. Straniero, Euclid
Larry Andrew Sunden, Columbus
Janet Kay Vorres, Western Springs, Ill.
Robert Hedrick Warner, Columbus
Eric Richard Weber, Pepper Pike
Stephen Christopher Wenzke, Dayton
Janet Elaine Williams, Suitland, Md.
James Roscoe Wright, Jr., Columbus
Karen Renée Yeager, Haddon Heights, N. J.
Gary Jay Zaremsky, Beachwood

Kathleen Mary O'Rourke, Columbus
Holly Jo Patton, Toledo
Jayne Moneysmith Pollock, Worthington
Margaret Jean Rausch, Columbus
Mary Rossi, Canton
James D. Rowland, Columbus
Charles Eddie Smith, Canton
Donald Yeoman Tinker, Cleveland
Robert Lee Tucker, Jr., Columbus
Linda Susan Hilsman VanHorne, Columbus
Thomas Joseph Wack, Columbus
Janellen A. Wadlington, Worthington
Denise Katherine Warger, Parma Heights
Vernon Lester West, Columbus
Charles Frederick Williams, Cuyahoga Falls
Patricia Gayle Wynsen, Columbus
Martha Elizabeth Young, Steubenville

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and thirty-nine candidates

Bruce Jerome Adler, Columbus
Amy Lou Alexander, Columbus
Karen Blanche Andrews, Canfield
Evelyn Elizabeth Aponte, Columbus
Harlow G. Ballard, Columbus
Sheila René Baney, Ashland
Robert Edward Bartha, Columbus
Jack Gregory Battin, Country Club Hills, Ill.
Thomas John Beem, Columbus
Barbara Lynne Bensingor, Columbus
Frederick Walter Bigenho, Columbus
Robert Patrick Bing, Worthington
Jeffery David Borelli, Columbus
Loreen Marie Boyle, Westfield, N. J.
Robert Michael Buchsbaum, Columbus
John Randall Burris, Cambridge
Roland Bernard Bynum, Fort Wayne, Ind.
Carol Ann Byrd, Akron
Mary Ellen Cain, Columbus
Sharon Prickett Carter, Columbus
Margaret Evelyn Clark, Akron
Robert Hunt Clink, Bay Village
Wendy Karen Cohan, Steubenville
Fred Douglas Colby, Columbus
Ted Robert Comstock, Chesapeake
Susan Lee Connor, Columbus
Joseph Parrett Curl, Galena
Karen Christine D'Antonio, Hubbard
Richard D. Darrell, Stephenville, Tex.
Robert Clark Davis, Alexandria
Cheryl Ann Deem, Cincinnati
Rachelle A. DeStephens, Lima
Stan Kevin Doty, Findlay
Paul Michael Doucher, Columbus
Timothy John Dunleavy, Columbus
Dow Buford Ellis, Jr., Columbus
Gary Benson Fornnarino, Belpre
Carolyn Ann Friedli, Saginaw, Mich.
Philip John Fulton, Columbus
Thomas E. Gallagher, Columbus
Michelle Eileen Gams, Dayton
Nancy Sue Ganson, Cincinnati
Kathleen Ann Garvey, Winterville
Maria E. George, Lakewood
Nada Nancy Georgovski, Columbus
David John Gesek, Battle Creek, Mich.
Gregory Joseph Graham, Columbus
Sheree Anne Green, Columbus
Thomas R. Green, Columbus
Mary-Ann R. Guerra, Niles
Owen Joseph Hagovsky, Columbus
Stephen Craig Hahn, Columbus
Dennis E. Halloran, Columbus
Scott W. Hamilton, Cincinnati
Virginia Joyce Harris Hamilton, Columbus
William Bradford Hammond, Lakewood
June Linda Harris, Hewlett, N. Y.
Rollan Collier Harrison, Columbus

College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

Fifty-five candidates

Pamela Kay Arick, Grove City
Lucinda Kay Arnold, Columbus
Kristin F. Balcerzak, Columbus
Nancy Dayle Canning, Mansfield
Phebe Ann Cheaney, Columbus
Gary Michael Christian, Lima
Ellen Victoria Costello, Cincinnati
Kevin Douglas Cowan, Dayton
Robroy Lee Crow, Findlay
Peter M. Cusick, Tampa, Fla.
Gerald E. Dailey, Waverly
Pamala Georgette Drone, Columbus
Gary Eugene Ellis, Granville
David R. Epps, Columbus
John Hubert Ferguson, Columbus
Richard Lee Franks, Hialeah, Fla.
Homer Harold Fulton, Columbus
Celeste Angela Tarquinio Guglielmi, Columbus
Richard Gilbert Gween, Canton
Audrey L. Hackman, Columbus
Timothy Allen Johnson, Columbus
David J. Kalamas, Columbus
Christopher Stephen Kash, Columbus
Barbara Jeanne Kilness, Louisville, Ky.
Michael Anthony Kowalczyk, Woodfield
Richard Phillip Lindgren, Columbus
Kimberly Jo Lodge, Columbus
James Barry Lyon, Dayton
Keith A. Maneese, Columbus
Milica Matejic, Columbus
Christopher John Merrill, Columbus
Rochiel Von Mongkollugsana, Urbana
Margo Morgenstern, Cleveland
Leni Gayle Mueller, Findlay
Charles Scott Myser, Columbus
Alvin Mark Nedelman, Columbus
Constance Elaine Nicholas, Columbus
Margaret Melinda Noteman, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Two candidates

Susan Bailey, Elida
Ronald Richard Fisher, Columbus, B.S.

Bachelor of Science

Twenty-four candidate

Steven Howard Beach, Grove City
William J. Benjamin, Jr., Findlay
Frank Jeffrey Carson, Grove City
Janet Margaret Clark, Worthington
Larry G. Evans, Newark
Vincent M. Franz, Columbus
Thomas R. George, Jr., Wooster
Michael Globe, Columbus
John Roger Green, Columbus
Roger Lynn Hunter, Salem
Allan Ray Kline, Mt. Cory
Kenneth Frederick Kremm, Lyndhurst
Noelce Basil Leontis, Columbus
Leucias Abigail Linden, Bowling Green
John Fredrick Lyle, Barberton
Robert Duane McDowell, Columbus
Michael Morrell Miller, Warren
Cynthia Kay Minnich, Sidney
Kimberlyne Murbach, Alliance
Susan Marie Pabijan, Cleveland
James V. Rindler, St. Henry
James Richard Sauer, Hamilton
Jerri Bohanek Starr, Columbus
Gary Peter Yurecak, Cleveland

Clifford Allen Hartline, Sugarcreek
Susan Carol Hellwege, Fairfax, Va.
David Lewis Heminger, Belle Center
Geoffrey Dunn Hetrick, Westerville
David L. Hines, Wilmette, Ill.
Debra S. Horowski, Jefferson
Michael Robert Housholder, Lafayette
Fordham Eric Huffman, Hilliard
Doris Bell Jackson, Cleveland Heights
Jeffrey Nathan James, Akron
Paul Bruce Jefferis, Barnesville
Frank Jezierski, Lorain
Janis Louise John, Brook Park
David Erik Johnson, Cuyahoga Falls
Jolyn C. Johnson, Reynoldsburg
Jeffrey Lee Jones, Chagrin Falls
Robert D. Jones, Columbus
William Mitchell Kaplysh, Lakewood
Andrea Ellen Katz, Brooklyn, N. Y.
Gregory Keller, Worthington
David L. Knisley, Columbus
George Kociuba, Cleveland
Pamela Marie Koenig, Botkins
*Peter John Koenig, Columbus
Beth H. Kohen, Columbus
Brad Krantz, Lauderhill, Fla.
Timothy Bruce Ladrach, Columbus
Karen Richards Laylin, Columbus
Joy Gompers Lehonek, Columbus
Kathy Eileen Likes, Milan
Randall Jay Luginbuhl, Bluffton
Carol A. Mackey, Mt. Victory
Edwin Clarence Madden, Jr., Newark
Doron N. Manjeec, Columbus
Thomas Edward May, Cleveland
Therese Ann McCormick, Shaker Heights
Amy Jane McCully, Canfield
Constance S. McKnight, Columbus
Philip Dean Mercer, Van Wert
John Ruben Mild, Akron
Mark J. Miller, Westlake
Robert James Miller, Columbus
Kevin Allen Minton, West Farmington
Link Robert Murphy, Columbus
Dennis G. Myrick, Columbus
Nancy Joan Neubauer, Columbus
Jon Eric Nielsen, Columbus
David R. O'Connell, Lorain
Janice Lynn Orr, Akron
Frances Helen Osinski, Bay Village
Mary Louise Pasholk, Columbus
Kathleen Michelle Pavick, Parma
Linda Ann Pepple, Lima
Deborah Jean Pever, Wharton
Gordon S. Pevzner, Columbus
Teresa A. Post, Columbus
Dale Kenneth Rodgers, Hubbard
James Sack, Toledo
Alice Mary Sanderson, Gahanna
Barbara Ann Schemmel, Dayton
Glen J. Schroeder, Columbus
Michael Lee Shasky, Columbus
Michael Keith Shows, Columbus
Steven E. Skal, Mt. Vernon
Michael Donald Snyder, Wapakoneta
Linda Ellen Stott, Columbus
Elizabeth L. Straw, Taylor, Mich.
Jane Rockwell Sutter, Columbus
Janet Marie Swicker, Milan
Reinhard Ricky Tammer, Columbus

Diane Ida Taub, Columbus
Constance Thomas, North Olmsted
Eugenia May Troughton, Warren
Steven Edwin Troup, Upper Sandusky
Susan Carol Wagner, Cuyahoga Falls
Susan Merwin Walker, Columbus
David A. Wasmuth, Dayton
William Louis West, Columbus
Karen Francine White, Hudson
Kenneth Edward Whitney, Lima
Deborah Cherry Wilkin, Wilton, Conn.

Bachelor of Science

Sixteen-candidates

Matthew C. Blazek, Cleveland
Shamita Das Dasgupta, Worthington
Therese Marie Franko, Hubbard
Nancylynn Booth Gobey, Bexley
Jennifer Marie Gulling, Louisville
Ronda Joelynn Hartman, Columbus
Susan Elizabeth Jurevic, Westerville
Linda L. Miller, Worthington
Michael Andrew Missler, Columbus
Marcie Kathryn Morris, New Philadelphia
Teresa Adell Reinhard, Galloway
Jennifer Stark Robinson, Worthington
Robert Webb Steinhelfer, Columbus
Edward L. Waddell, Mansfield
Mary Christina Watkins, Columbus
Lon Christopher Wooley, Columbus

Bachelor of Arts in Journalism

Twenty-three candidates

Christopher Allen Amatos, Columbus
Eric Blaine Anderson, Reynoldsburg
Thomas Alan Anthony, Columbus
Harlan Berman, Forest Hills, N. Y.
Stephen Wade Boughton, Akron
Steven R. Burger, Columbus
George Ernest William Cormack, Berea
Terrence Joseph Ellifritz, Columbus
Cherie Fichter, Cincinnati
John Howard Horvath, Olmsted
Kathleen Anne Huddle, Williamsburg
James Andrew Innocenzi, Coaropolis, Pa.
Richard Eugene Kepler, Springfield
Gregory William Kirstein, Detroit, Mich.
Diana Sue Kohlreiser, Columbus
Marvin Ray Kropko, Akron
B.A.
Stephen G. McLoughlin, Columbus
Jeffery Arthur Reed, Grove City
William Alan Reese, Wapakoneta
David D. Stephenson, Columbus
Julia Brown Stevens, Columbus
Genilee Swope, Montpelier
Michael Allen Wolff, Columbus

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and fifty-one candidates

Lewis Raymond Antol, Columbus
Ralph Antolino, Jr., Columbus
Terrence Brennan Arnold, Rocky River
Marsha Lorraine Ball, Columbus
Patricia Lynn Barton, Dayton
Saeed Mohammed Basamh,
Jeddah, Saudi Arabia
Earle George Baxter, Jr., Lorain
JoAnn Becker, Wooster
David Allen Beeman, Norwalk
Carl Edward Bellman, Leipsic
Robert Lavelle Blewitt, Poland
James Stanley Boller, Columbus
Paul Francis Borden, Marion
Sam Hershel Borenstein,
University Heights
Keith Francis Brown, Lakewood
Mary Kathleen Brown, Columbus
Steven Michael Burgess, Columbus
Michael Anthony Cecere, Jr., Hamilton
Michael Craig Chisler, Canton
David Robert Cinadr, Brecksville
Phillip Hobson Clark, Centerville
Randolph Price Clawson, Columbus
Timothy Martin Cleary, Columbus
James Anthony Condon, Fairview Park
Joseph Elwood Conklin, Columbus
Jan David Crawford, Columbus
Philip Jerry Croyle, Cleveland
Carol Joan Dapper, Columbus
Mike Ray Daugherty, Bedford
John Paul Davis, Columbus
Robert John Divine, Columbus
Douglas Robert Eilertson, Lima
Beverly Ann Elder, Pleasantville
Kenneth Wayne Elmore, Rensselaer, Ind.
Nazareno Eramo, Columbus
Michael Robert Farinacci, Warren
Richard Bruno Fiorucci, Brecksville
Peter Ross Fitzgerald, Lancaster
Jeffrey Edward Forbes, Conneaut
Larry Craig Foust, Westerville
Deborah Ann Fox, Sylvania
Richard Paul Gawronski, Columbus
Brent Carl Gerken, Columbus Grove
LaVonne Marie Grabiak, Parma
David Keith Green, Baltimore
Gary Dale Greenwood, West Chester
Gregory Scott Grunewald, Steubenville
David Loren Gula, West Covina, Calif.
James Arthur Hacker, Zion, Ill.
Colin Keith Hatch, Columbus
Mark Charles Heydinger, Shelby
Cynthia Ellen Hickey, Lima
Mark Edward Hoffman, Fremont

* Also Master of Arts, Graduate School

Michael Lee Holley, Columbus
John Scott Horchler, Columbus
Paul Edward Humes, Columbus
Bruce Harry Hurd, Columbus
Anita Lynne Hutton, Columbus
Jack Dean Jamison, Barberton
Paula Louise Jewett,
King of Prussia, Pa.

Carl S. Jones, Girard
Dennis Allen Kepple, Mt. Vernon
Jerry Wayne Kerr, Columbus
Robert Steven Kisil, Parma
Kimball Thomas Kistler, Newton Falls
Dennis Patrick Kraft, Euclid
Randy Michael Krivo, Parma
Bruce Andrew Krone, Cincinnati
Jerry Vincent Kubilius, Xenia
Thomas Beatty Kuntz, Jr., Kettering
Linda Kay Lawrence, Canton
Allan Watt Lepley, Galion
James Clifford Lofin, Oberlin
Roger Wayne Logan, Charlotte, N. C.
Larry Hugh Lokey, Arnoldsville, Ga.
Louis Lombardo, Columbus
Gregory Davis Luman, Lima
Robin Shawn Lynch, Dublin
Anthony James Lyons, Westerville
Thomas Michael Mahoney, Willoughby
Douglas Scott Maitland, Medina
Susan Yacher Maloney, Leetonia
Keith Ian Mandish, Westerville
Jay Sidney Maxwell, Kettering
Kevin Lee McDaniel, Canal Winchester
Patrick Archibald McKendry,
North Olmsted, B.A.

Leslie Brian Mefferd, Columbus
Michael Steven Melaragno, Columbus
Thomas Richard Mendel, Cincinnati
Deborah Ann Miller, Mentor
Randy Earl Miller, Dover
Thomas Carroll Miller, Fremont
MaryKay Millier, Ithaca, N. Y.
James Emery Morgan, Columbus
Kelvin Lee Musick, Pataskala
James William Newman, Jenera
James Allen Noonan, Marshfield, Mass.
Bose Ilugbusi Oladunni,
Aiyedun-Ekiti, Nigeria

Michele Ann Pagura, Columbus
Mazel Kennedy Pargeon, Columbus
Harry Voyt Parsons, Utica
Michael Wayne Pepple, Findlay
James George Perdew, Connessville, Pa.
Jay Philip Peters, Springfield
Jerry Franklin Pewitt, Franklin, Tenn.
George William Phillips, Columbus
Todd William Prasher, Barberton
David Clouston Rae, Cincinnati
Brian Charles Ramaley, Norristown, Pa.
William Ronald Riter, Chardon
Milton Lewis Robinson, Dayton
Mark Barry Rossow, Dayton
Robert Arthur Roy, Cleveland
Elizabeth Maria Rulis, North Olmsted
James Alan Saling, Columbus
Daniel Bailey Scarry, Baltimore, Md.
Terry Kay Shamblin, Columbus
Kenneth Shaw, Columbus
Scott Bruce Shubert, Cleveland
Carl DeMouy Smallwood, Columbus

Mark Anthony Spiker, Mentor
Dean Clark Stalter, San Diego, Calif.
Gary Robert Stammler, Pickerington
Daniel Carl Strasser, Columbus
Thomas Frederick Strasser, Columbus
Terry Joe Strayer, Wauson
Melvin Lynn Strine, Cardington
Blair Alan Tavener, Laurens, S. C.
Vickie Lynn Thompson, Columbus
Brian Lee Valentine, Ashville
Nikola Vuchenich, Steubenville
Joan Edna Wagner, Fremont
Robert Charles Wallick, Springfield, N. J.
Cheryl Darlene Warren, Canton
James Herman Wasserman, Cincinnati
Anthony Lafon Weaver, Columbus
Patrick Weber, Orrville
David Alan Weeks, Columbus
John Marshall West, Jr., Columbus
David Kevin Whaley, Ironton
Mark Andrew White, Columbus
Daniel Thomas Whitehead, Westlake
Robert Lee Wickland, Youngstown
Frederick Austin Wills, Cleveland
Lori Ann Wiseman, Gallipolis
Sheryl Odell Wize, Middletown
George Clifford Wolfe, Enid, Okla.
Kevin Edward Worrilow, Lima
Robert Franklin Young, Columbus
Philip A. Zammataro, Jr., West Islip, N. Y.
Robert Dale Zitsman, Springfield

Bachelor of Science in Labor and Human Relations

One candidate

Thomas Harold Mick, Wellsville

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

One hundred and forty-one candidates

Paul Norris Andre, Wauseon
Arthur Paul Arnold, Fleming
Gary Lynn Arnos, Plain City
James Richard Ashba, Lima
Rachel Elizabeth Aukeman, South Vienna
Rebecca Jane Bailey, Caledonia
Steven Bartfield, Columbus
B.S. (L.A.S.) (University of Illinois)
Rosemary Elaine Bassett, Lima
Elmer M. Beard, Enon
Lowell Gerald Berry, Columbus
Janeese Lee Blansit, Newark
Lacy Lee Boney, Caldwell
Neil Bert Bonham, Parma Heights
Patricia Ramona Booth, Euclid

Clement Joseph Borchers, Fort Loramie
John Randall Briscoe, Columbus
Daniel Ross Buehler, Wooster
Lucinda Jane Busler, Carrollton
Mark Vincent Byers, Westerville
William Harry Cackler, Ashley
Ross Alan Carmony, Wooster
William David Cherny, Brookville
Luann Hope Christensen, Uniontown
Steven Raiston Cox, Columbus
Edwin Yeager Cross, Racine
Charles F. P. Cunnigan, Arcanum
Michael Leslie Dietrich, Columbus
Steven Malloy Dixon, Cincinnati
Paul Roderick Drake, Westerville
Rodney Ivan Eakin, Orient
James Stephen Edwards, Oak Hill
Carol Anne Erwin, Columbus
James Edward Evans, Manchester
Thomas Urban Fatlar, Parma
James Edward Flach, Centerville
Thomas Charles Fowler, Caldwell
Susan Marie Fullenkamp, Maria Stein
Edward Gillus Gatliff, Columbus
Gail Marie Gilbertsen, Upper Sandusky
Tamara Carole Goforth, Fairfield
John David Gordos, Austinburg
Wendy Ann Gues, Carrollton
Gregory Paul Guynan, Cincinnati
Alice Marie Hafer, Akron
Paul Arnold Hagen, Hamler
Jeffrey Howard Harding, Galion
Kenneth Wayne Heintz, Covington
Dean Carroll Higgins, Mt. Vernon
Terry Lee Hord, Kenton
John David Hostetler, II, Dalton
Deborah Elizabeth Jackson, Perry
Daniel Paul Kaster, Hilliard
Anthony David Kassner, Milford
Terrill Lee Katz, Cincinnati
William Cecil Keene, Hartsville
Lewis Edward Kilzer, Plain City
Katherine Inez Kircher, Worthington
B.S.Nat.Res.

Kerry George Kitchel, Richmond Heights
David Lee Klamfoth, Baltimore
Vaughn Lee Klingler, Newark
Michael Paul Krantz, Buffalo, N. Y.
Pamela Sue Kraus, Cincinnati
Richard Terry Kucharski, Parma
Stephen John Kufewski, Kettering
William Carl Lagergren, Hamilton
Jerry Ronald Lamp, Canal Winchester
Jan Robert Leaders, Napoleon
Linda Sue Leasure, West Salem
Edward Lee Love, Columbus
Anne Elizabeth Lyon, Marion
Dennis Edward Mahle, Celina
Stephan Alan Mandeville, Massillon
*James Patrick McAllister, Lorain
Michael Albert McGill, Columbus
Lori Kay McWhirter, Atwater
Mark Wallace Mechling, Thornville
Rodney Curtis Messick, Granville
Leonard Michael Mickle, Howard
Carol Ann Miller, Springfield
Edward William Mills, Kensington
Ralph Kevin Moseley, Ostrander
Joseph Edmund Motz, Cincinnati
A.A.S. (Cincinnati Technical College)

* Also Master of Science, Graduate School

Glenn Lewis Mozena, Jr., Zanesville
 Robert Richard Murphy, Jr., Newark
 Richard Thomas Myers, Jr., Mt. Gilead
 Mary Kim Nieman, Gahanna
 Anne Elizabeth Onstott, Westerville
 George Paige Pealer, Columbus
 Benjamin Lewis Pearson, Jr., Columbus
 Robert Thomas Peter, Akron
 William Robert Peters, Mentor
 Robert George Rabatsky, Cleveland
 Chris K. Rahrig, Columbus
 Rex Dale Ramsay, Nova
 Thomas Leroy Ramsey, Louisville
 Douglas Leroy Raubenolt, Loudounville
 Paul Armer Reed, Greensburg, Pa.
 Alan Wilson Rees, Washington C. H.
 Ken Curtis Rhoades, Rossburg
 Polly Diane Rhonemus, West Union
 Priscilla Ann Rhonemus, West Union
 B.S.H.E.
 Vickie Hudson Rickard, Columbus
 Geoffrey Clark Ridder, Youngstown
 Elisabeth Ann Roberson, Newark
 William Carroll Runyan, Mechanicsburg
 Daniel Nash Saulsberry, Columbus
 John Edward Sawyer, Tiro
 A.A.S. (University of Toledo)
 Kathy Brown Schwartz, West Carrollton
 James Wilson Schwinn, Lakewood
 A.A.S.

James Frank Shawhan, Xenia
 Richard Allen Shock, Eaton
 Michael Bernard Siefing, St. Henry
 Robert Mitchell Slinguff, Canfield
 Christine Helen Smith, Lancaster
 James Robert Spears, Amlin
 Thomas Carl Spellmire, Lebanon
 David Wade Stephenson, Oxford
 Ted Allan Stevens, Painesville
 William Paul Stockhausen, Lakewood
 Timothy John Subler, Versailles
 Carol Ann Suchy, Parma
 Timothy Kent Surlas, Mt. Vernon
 Michael Lane Taylor, Baltimore
 Robert Timothy Thomas, Dublin
 Richard Allen Troxell, South Charleston
 Timothy Tylka, Solon
 Joseph Matthew Vayo, Painesville
 Babette Jean Watkins, Oil City, Pa.
 Dean Edward Watkins, Akron
 Thomas Jay Weygandt, West Salem
 John Michael Whitmer, Bradford
 Perry Keith Whittington, Sabina
 June Reid Williams, Cleveland
 Craig Darryl Williamson, Pickerington
 Ronald Edgar Wilson, Cincinnati
 Bruce Alan Wollens, Mayfield Heights
 David Ross Yoder, Columbus
 Timothy Vincent Yungman, Elyria
 David Harry Zabel, Beachwood
 Thomas Daniel Zieja, Newburgh Heights
 Glen W. Zimmerman, Fremont

Bachelor of Science in Food Science

Four candidates

Ann McFadden Cusack, Steubenville
 Denise Elaine Dinwiddie, Buckeye Lake
 David Galen Smith, Columbus
 Charlene Ann Wallace, Dayton

Bachelor of Science in Food Technology

Nine candidates

Roger Lee Clevinger, Columbus
 Melinda Elliott Curtis, Lancaster
 Keith Douglas Farren, Columbus
 Nick Bryant Jagger, Edison
 Marilyn Sue Lebow, Wheeling, W. Va.
 George Donald Metzger, Columbus
 Janet Gwyn Peek, Cincinnati
 Earl L. Rohn, Navarre
 Linda June Ward, Upper Sandusky

Bachelor of Science in Nutrition

Two candidates

Sharon Carol Foster, Columbus
 John William Hart, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Forty-five candidates

Marlene Smeltzer Armstrong, Perrysville
 Kathy Ann Barker, Columbus
 Kristy Mix Beyer, Chillicothe
 Marsha Lyn Boley, Worthington
 Teresa K. Branham, Delaware
 Susan Lee Brevoort, Columbus
 Darlene G. Burkepile, Lyndon
 Lynette Sue Cook, Hicksville
 Nancy McIntyre Cross, Racine
 Jenny Lynn Crosthwaite, West Chester
 Terry Ann Davis, Mantua
 Jayne E. Demorest, Westerville
 Ona Pauline Fullen, Columbus
 Lois Marie Gabel, Columbus
 Shirley Kay Gainer, Urbana
 Ann Jeannette Gilkey, Toledo
 Carol Nancy Glauberman, Akron
 Terry Hankinson Green, Columbus
 Marcia Lou Hain, Columbus
 Marilyn G. Hamilton, Columbus
 Nancy Gill Henderson, Cambridge
 Deborah L. Jones, Columbus
 Karen Susan Kelly, Columbus
 Mary Twig Limes, Marysville
 Valdia Lee McNeil, East Cleveland
 Maryellen Meredith, Columbus
 Brenda Jean Mileti, Amherst
 Maureen Ann Moffett, Ashland
 Ellen Beth Montgomery, Brookville
 Laurie Lou Myers, Dover
 Penelope Elaine Nicholls, Findlay
 Francine Peary, Cleveland
 Susan Sherrick Ridenour, Cincinnati
 Linda Gail Rook, Spencer
 Karen Anne Ross, Johnstown
 Rebecca Ellen Shutts, Martinsville
 Susan Belle Spero, Columbus
 Marilyn Sue Stanfield, Manchester

Aletha Louise Stolar, Cleveland Heights
 Nancy Beth Strassman, Beachwood
 Marilyn Diane Walker, Zanesville
 Rose Marie Wharton, New Lebanon
 Jodie Lynn Whittington, Lebanon
 Terri Lynn Williams, Mansfield
 Lynda Marie Zoltai, Vermilion

Bachelor of Science in Nutrition

One candidate

Shane David Stewart, Jackson Center

Bachelor of Science in Restaurant Management

Two candidates

Lee Curtis Foreman, Jr., Worthington
 Gregory Clement Stein, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

Fifty-four candidates

Mark Thomas Agricola, Morrow
 Mark John Alto, Solon
 Lynn Allan Boydelatour, North Canton
 Rick Lee Brandel, Coshocton
 David Christopher Brown, Frankfort
 Stephen Jerome Brugger, Fairborn
 David Charles Cawrse, Solon
 Jeffrey Ellsworth Clum, Hilliard
 Jeffrey Dean Derringer, Dayton
 Larry Wayne Dilldine, Columbus
 James Daniel Dixon, Tipp City
 Garry Michael Domis, St. Bernard
 Carol Marie Ellwood, Warren
 Michael Wayne Faught, Creston
 Robert Barnett Frohman, Cincinnati
 Paul Arthur Gerhan, Avon Lake
 Frank Edward Gibbs, Rawson
 Carrie Jay Groves, Columbus
 Susan Lynn Grundy, Ashland
 Ronald William Harbauer, Perrysburg
 Mary Ellen Harris, Columbus
 Robert Sherman Hart, Columbus
 *Rebecca Ann Haserodt, Novelty
 Bryan James Hibjan, Parma
 James Phillip Hutton, Columbus
 Joseph Jon Johnson, Newton Falls
 Donald Joseph Klima, Parma
 Thomas Harold Kunzen, Fairview Park
 *Michael Jerome Mann, Columbus
 Robert Douglas Marquard, Rocky River
 James Allen Marshall, Dayton
 Michael Lee Morrow, New Holland
 James Hancock Moss, Cambridge
 Craig Edward Murray, Columbus

* Also Master of Science, Graduate School

Bruce Parish Nattkemper, Sarasota, Fla.
Kenneth Brian Newman, Springfield
Joseph James Packa, North Canton
Michael Scott Petcher, Parma
Robert Steven Pfahler, Gallon
Gary Eugene Powell, Clyde
Jon Eric Rickard, Seville
Dennis Wayne Sanders, Defiance
Susan Dee Simeral, Reynoldsburg
Jack Irving Stacy, Sandusky
Joyce Marlene Sullivan, Cleveland
Timothy Wayne Swisher, Thornville
Richard Thomas Theuring, Milford
Jeffrey Alan Tuttle, Columbus
Steven John VanFleet, Columbus
James Quentin VanWinkle, Columbus
Jeffrey Alan Walsh, Cobleskill, N. Y.
Timothy Edward Warner, Worthington
Kim William Watson, Cambridge
Bruce Carl Wentworth, Columbus

Agricultural Technical Institute—Wooster

Associate in Applied Science

Sixteen candidates

Keith Dale Cain, Mansfield
Lewis DeWayne Cecil, Mansfield
David Thomas Erpenbeck, Columbus
David Paul Finney, New Middletown
Phil Kagay Freeland, Bremen
John Edwin Howison, Columbus
Vilija Kristina Janavicius, Cleveland
Philip William Levison, Mansfield
Allen Lee Maddy, Sparta, N. J.
Stephen Mark Mihalek, Parma Heights
Stephen Frances Murphy, Cincinnati
Joshua David Nelson, Princeton, N. J.
Phillip Albert Sankar, Dover
Robert Clayton Sarver, Wexford, Pa.
Mark Allen Sigrist, West Salem
William Arnold Skelly, Wooster
B.A. (College of Wooster)

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and ninety-three candidates

Darryl Eugene Agee, Dayton
Carmen Marguerite Alatorre, Hamilton
Patricia Boutwell Arthur, Columbus Grove
Dulce Alison Ball, Columbus
Jill Elizabeth Baumgardner, Coshocton
Douglas Alan Behnke, Galloway
Vikki Lundberg Bell, Kenton
Warren Stephen Bennett, Westerville

Deborah Sweigard Berg, Upper Sandusky
Gail Enid Berkowitz, Columbus
B.S. (Rio Grande College)
James Howard Bible, Columbus
LuAnn Billings, Lima
Carol Driggs Blazer, Columbus
Rhonda Renee Bogue, Columbus
Bernadette English Bokerman, Defiance
Carol Sue Brady, Obelin
Albert Edward Brennan, Youngstown
Judith Elaine Brocklesby, Upper Sandusky
Jane Edna Brooks, Alexandria
Carole Filipak Brunk, Mansfield
Sheryl Frances Buckley, Columbus
Timothy Alan Burehfield, Columbus
Robert Milo Burge, Jr., Marion
Steven Mark Burke, Toledo
Philomena Mary Burns, Columbus
B.A. (Wheeling College)
Patricia Wells Calabretta, Canton
Rita Christine Calendine, Newark
Patti Jean Campbell, Columbus
Judith Kaye Carpenter, Columbus
Robert Dean Carter, Columbus
Clifford Randal Cass, Heath
Beth Ann Chamberlain, Reynoldsburg
Cert.Grad.Dent.Hyg.
Darlene Ann Clapper, Canton
Brenda Lou Clawson,
Fort Leavenworth, Kan.
Lora Klopfenstein Clinehens, Maplewood
Janet Elizabeth Combs, Dayton
Beth Ellen Constable, Wyoming
Mary Lynne Cool, Republic
Chip Lee Marr Coppel, Chillicothe
Joan Meddles Creasap, Prospect
Carol Marie Culp, Springfield
Tanya Lea Curtis, Columbus
James Theodore Custis, Sabina
Jeanne Fallwell Davis, Lima
Roberta Jean Decker, Marion
Karen Joy Deere, Urbana
Sheree Poyisil DeLeon, Columbus
Joyce Topa Dillon, Mansfield
Beth Ann Dropkin, Columbus
B.A. (Capital University)
Deborah Susan Duckworth, Columbus
Connie Lynn East, Kirkwood, Mo.
Franklin Earl Elliott, Pickerington
Gregory Edward Ewald,
North Brunswick, N. J.
Brooke Elaine Fitz, Beverly
Nancy Louise Frontz, Mansfield
Roxanne Christine Frye, McArthur
Tomy Shipley Galbreath, Marion
Mark Hamilton Galloway, Columbus
Kathryn Stauch Garcia-Rivera, Columbus
Trudie Ridderbusch Gardner, Grove City
Judy Elaine Garrett, Lorain
Cert.Grad.Dent.Hyg.
Jeanne Anne Gilhooly, Columbus
Cynthia Kohn Good, Van Wert
Judith Irene Goodwin, Lima
Sarah Stanbro Graham, Columbus
Michael Allan Hahn, Bucyrus
Judith Boeshart Haldeman, Loudonville
Melonie Tippie Harnish, Columbus
Barbara Lou Hattstaedt, Xenia
James Hoffman Haubert, Marion
William Allen Hawk, Lima
Elmer John Heinsius, Westerville

Mary Jean Hemmelgarn, Burkettsville
Daria Miller Hicks, Morral
Barbara Perry Hoff, Columbus
Brad Lee Hoghe, Van Wert
Wanda Winders Horn, Marion
Sandra Fetter Houser, Marion
Walter Brewster Hudson, Wooster
Sandra Lynn Hull, Toledo
Jean Louise Hummel, Columbus
Nick Louis Hutras, Dover
Joyce Elaine Karg, Upper Sandusky
Rebecca Shuster Kennedy, Thornville
Brooke Ketter, Reynoldsburg
Myra June Kirby, Columbia Station
Mark Michael Kovach, Painesville
Hyla Joy Kraus, University Heights
Lawrence Joseph Krist, Marion
Michael George Laurence, Columbus
Joyce Ann Leith, Pleasantville
Larry Lee Leonard, Columbus
Joan Elaine Levine, Columbus
Sherry Corkern Licause, Columbus
Annette Hall Little, Marion
Sueann Longenecker, Covington
Cert.Grad.Dent.Hyg.
Louis Charles Love, Elyria
Vanessa Lyman, Columbus
Leigh Anne Lynch, Sabina
Jerry Bruce Mackey, Grove City
Karen Bausman Maddux, Columbus
Irene Ann Maraffa, Columbus
Michael Anthony Kent Marcum, Dayton
William Stuart Marsden, Boardman
Daniel Lynn Marshall, Summitville
Kathryn Miles Massie, Hilliard
Laurel Bruce May, Newark
Linda Susan McAttee, Cutler
Elizabeth Kattau McCardle, Columbus
Frances Brown McCarthy, Elida
Frank David McCoy, Utica
Cyrus Benjamin McQueen, Chillicothe
B.S.
Marilyn Masson McRae, Columbus
David Dewitt Medkeff, Columbus
Cheryl Anne Meggas, Cleveland
James Michael Mogan, Circleville
David Anderson Moreau, Canton
Terry Lee Moreo, Delphos
Carole Margaret Mueller, Columbus
Mark Edward Murphy, Marion
Nancy Sue Nestor, Columbus
Betsy Jo Neustadt, Columbus
Gwyneth Anelle Olds, Lima
Charles Patrick O'Neill, Columbus
Donna Yeoman Owens, Marion
Jeanette Ruth Palmiter, Toledo
Nancy Carol Pastrana, Lima
Marie Louise Pavlik, Logan
Ann Marie Perry, Columbus
Mary Elizabeth Peters, Columbus
Debra Dee Petrasek, Columbus
Nancy Lee Pfeiffer, Columbus
Ritchie Joel Phillips, Mt. Victory
Sandra Lea Piccolo, Columbus
Carolyn Sue Pierce, Columbus
Mary Jo Pohlabel, Lima
Michael Ray Polachek, Shelby
Richard Allen Price, Granby
Helen Rose Marie Rall, Columbus
Beth Rapport, New Philadelphia

Jody Elizabeth Read, Greenville
Frederick Anthony Reith, Shelby
Kathleen Kaser Ridenour, Pleasantville
Roxanne Marie Riley, Kettering
Timothy Carl Ritter, Bridgeport
David Robert Rodgers, Cleveland Heights
Stephen Douglas Rohe, Columbus

B.A. (Capital University)
Viola Alexandra Roth, Mansfield
Marta Marie Roy, Galena
Walter Melville Rudin, Columbus
Bruce Frank Saum, Cincinnati
B.A.

Dawn Stebbin Schmalz, Columbus
Mark Allen Schwartz, Phoenix, Ariz.
Carole Eichman Scott, Marion
Jerri Lynn Seckel, Marion
Marilyn Jean Selhorst, Columbus Grove
Donald Allen Shannon, Marion
Anita Diane Snyder, Orient
Nedra Jean Spitz, Highland Park, N. J.
Janet Lynne Spray, Alexandria
Teresa Ann Steed, Radnor
Sandra Faye Stein, Bethel Park, Pa.
Carol Lynn Stewart, Columbus
John Jacob Szakmary, Brentwood, N. Y.
Michael Clay Tanner, Columbus
Randy Gerald Trexler, Columbus
Rebecca Sutphin Trover, Dola
Jean Hennon Turner, Waynesfield
Paul Stewart Vaccani, Massillon
Kim Allan VanDerMolen, Westerville
Sandra Rita Viss, Columbus
Cert.Grad.Dent.Hyg.

Douglas Eugene Wade, Columbus
Holly Jean Wagers, Gustine, Calif.
Cert.Grad.Dent.Hyg.

Barbara Place Wagner, Columbus
Susan Elaine Walker, Mansfield
Pamela LeMarill Walton, Waynesfield
George McClelland Waters, Columbus
Jane Louise Weinheimer, Columbus
Joseph Raymond Weis, Columbus
Cynthia Jane Weston, Morral
Phillip Allen Whitlow, Columbus
Debra Lyn Wilkinson, Bucyrus
Connie Conard Williams, Grove City
Jeffrey Bond Wilson, Harrisburg
Barbara Elaine Winsley, Zanesville
Deborah Jorgenson Wirt, Columbus
Janet Marie Wolfe, Pickerington
B.A.

Kay Ellen Wofler, Hillsboro
Louis Michael Yount, Columbus
Joan Marie Zachrich, Holgate
Linda Newman Zimmerman, Galion
Terri Alicia Zukerman, Pittsburgh, Pa.
Louis Zulli, Jr., Fairview Park

**Bachelor of Art Education and
Bachelor of Music Education
degree are offered jointly by the
College of The Arts and the
College of Education
Candidates are listed on page 380**

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Two candidates

Phillip Joseph Coty, Columbus
Michael Stephen Hammock, Fredericktown

Bachelor of Science in Ceramic Engineering

One candidate

Martin Lane Hoss, Olmsted Falls

Bachelor of Science in Civil Engineering

Fifteen candidates

Jeffery Lee Aleshire, Columbus
James Kent Cox, Quincy
James Nathan Donnell, Luckey
Timothy Alan Harvey, Clarksville
James Robert Hegarty, Mansfield
Robert Rinehart Hyatt, Lagrange
Gary Edward James, Columbus
Douglas Edward Ludolph, Columbiana
Martin David Miller, Akron
Randy Herbert Norfleet, Miamisburg
Robert Emile Payette, Jr., Newark
Camilla Ann Pedersen, Gahanna
Jay Douglas Preston, Westerville
George Daniel Shoemaker, Hilliard
Mark Skellenger, Vermilion

Bachelor of Science in Computer and Information Science

Ten candidates

Richard Steven Bryan, Steubenville
Kim Ballard Cannon, New Lexington
Thomas Keith Cheney, Prospect
Michael Lawrence Fidler, Columbus
Daniel Arthur Gray, Shelby
Michael Alan Johnston, Montpelier
Susan Maria Merva, Pleasant City
Ronald Dale Panzel, Parma Heights
Carlyle Sargent Potts, Worthington
Ernest Leroy Savory, Columbus

Electrical Engineer

One candidate

Edward John Stiff, Columbus
B.S.

Bachelor of Science in Electrical Engineering

Twenty-one candidates

James Robert Burwell, Columbus
Donald Bruce Butler, South Amherst
B.S.Bus.Adm.
Dennis Lee Cook, Toledo
Robert Emmett Davis, Dayton
Anthony DeGross Drumm, Columbus
Mark Edward Filipak, Columbus
Richard Alan Gamble, Beach City
Gholamhossein Ghazanfari, Tehran, Iran
Mohammadali Huseinali Hasnani,
Karachi-3, Pakistan
Lee Webb Henderson, Oregon
Gene Edward Hoskinson, Galena
Wayne A. Indorf, Navarre
David Fleming Mayers, Bloomingdale
Michael Angelo Montevideo, Niles
Stephen Edward Morgan, Columbus
Charles R. Morrison, Hilliard
Michael Alan Mraz, Fairborn
Howard Philip Newsome, Columbus
Gary Stephen Schmidt, Columbus
Thomas Lee Seitz, Galion
Richard Douglas Smelker, Columbus

Bachelor of Science in Engineering Physics

Two candidates

Gary Nolan Beck, Newark
Emile Snijders, Urbana

Bachelor of Science in Industrial and Systems Engineering

Five candidates

John Joseph DiPietro, Columbus
Omar Sawaf, Brussels, Belgium
Ruth Digges Takach, Chillicothe
William Edward Waldron, III, Amherst
Ronald John Yurgosky, Huron

Bachelor of Science in Mechanical Engineering

Seventeen candidates

Mark Lawrence Bigler, Dayton
William Robert Carleton, Columbus
B.A.
Arnon Chait, Ramatgan, Israel
David Keith Detty, Piketon
Thomas Lee Galownia, Columbus
Mark Steven Gleim, Columbus
Samuel Frederick Harrison, Jr.,
Worthington
Terence Joseph Kehres, Tiro
John Augustus Lowry, III, Columbus
Vernon Charles McKeever, Columbus
Robert Allan McLane, Woodsfield
John Bernard Nordholt, III, Columbus
William Arthur Rigrish, Columbus
Lyle Lee Rutger, Cisne, Ill.
Robert Eugene Warner, Jr., Pickerington
William Alan Whittenberger, Columbiana
Kenneth Joseph Wurm, Solon

**Bachelor of Science in
Welding Engineering**

Five candidates

Gerhardt Marshall Bauman, Columbus
Gregg Ellsworth Hoover, Worthington
Joseph Henry Kiefer, Iowa City, Ia.
Thomas Cole Myers, Liapeer, Mich.
Stuart B. Sandler, Yamhill, Ore.
A.B. (University of California, Berkeley)

School of Architecture**Bachelor of Science in Architecture**

Ten candidates

Maury Jay Blitz, Bridgeton, N. J.
James Alexander Bresler, Columbus
Gary James Hall, Columbus
Mark Gerard Kill, Grosse Ile, Mich.
Michael Joseph Kuhn, Shelburne, Vt.
Frederic Louis Lattanzio, Solon
Thomas Hardy Lieben, Hampton, Va.
Caroline Ong, Jakarta, Indonesia
Jack Wright Pryor, Newark
Jonathan Scott Sparer, Woodmere, N. Y.

**Bachelor of Science in
Landscape Architecture**

One candidate

Warren Alan Reidt, East Northport, N. Y.

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

One candidate

Karen Thatcher Britton, Columbus
B.A., M.A. (Miami University); Ph.D.

School of Allied Medical Professions**Bachelor of Science in
Allied Health Professions**

Five candidates

Frank Joseph Caruso, Columbus
Roger Alan Hindenlang, Hayesville
Roger Neil Obenauf, Berlin Center
Lynn Marie Pfaender, Toledo
Brad Alan Winn, Columbus

Certificate of Nurse Anesthetist

Three candidates

Stephen Hobert Blanton, Napoleon
A.A.S. (Kettering College of Medical
Arts)
Fern Louise Warren, Fairfield
A.A.S. (Miami University)
Georgia Lipinski Yurko, Weirton, W. Va.
R.N. (Wheeling Hospital School of
Nursing)

**Certificate of Post Baccalaureate
Medical Illustrator**

One candidate

Marion Pamela Service Odubiyi,
Seattle, Wash.
B.A. (University of Washington)

School of Nursing**Bachelor of Science in Nursing**

Fifteen candidates

Karen Jeannette DeSeyn, Mineral City
Sally Wood Fusner, Dresden
Lucy Ann Giammarco, Columbus
Lynn Simpson Hanzlick, Columbus
Joanne Marie Mitchell, North Olmsted
Susan Louise Moor, Westerville
Elizabeth Goode Moore, Columbus
Rosemary Lee Rancour, Parma
Rita Rae Reiser, Napoleon
Amy Strapp Santry, Columbus
Pamela Leila Simmons, Columbus
Catherine Anne Sirpilla, Canton
Pamela Marie Sisson, Fairfield
Vicki Link Tripodi, Columbus
Kay Davis Yost, Logan, W. Va.
R.N. (Oak Park School of Nursing,
Illinois)

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

One candidate

Linda Lee Gaydos, Lakewood

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Thirty-eight candidates

Juliet Maxine Bailey, Malton, Ont., Canada
Linda Lee Bayles, Mentor
Karen Anita Brown, Cincinnati
Valerie Jean Diaz, Defiance
Chris Wells Faine, Mt. Cory
Deborah Pearl Grayzel, Little Silver, N. J.
Elizabeth Ann Gunn, Barberton
Etteen Hancock, Columbus
Susan Elaine Harvey, Medina
Brenda Sue Hebden, Lima
Candace Marie Hollar, Oregon
John David Hunter, St. Marys
Peggy Ann Lero, Archbold
Jan Love Maiden, Columbus
Jerry Jo Manfred, Steubenville
Scott Edward McBeth, Elida
Mary Lee McKell, Chillicothe
Anita Marie Milicia, Wickliffe
William George Morris, Fairborn
Michael John Neff, Columbus
Carol A. Neustadt, Columbus
Charles Edward Nichols, Columbus
Joyce Edwards Richmond, Youngstown
Karen Evans Riegel, Jackson
Pamela Jayne Roosenberg, Lima
Nancy Jane SchAAF, Avon Lake
Stephany Marla Schatel, Beachwood
Suzanne Mary Seifert, Cleveland Heights
Susan Gale Sheets, Canton
Gary Joseph Shively, Middlefield
Bonnie Sue Sierawski, Steubenville
Melody Rae Smith, Dayton
Marcia Sue Sussman, Canton
Deborah Thomas, Columbus
Sheri L. Thompson, New Lexington
Linda Lou Thornburg, Greenville
Catherine Bradford Wagner, Delaware
Christina Sue Yager, Marion

Graduates with Honors

Summa cum laude

Carl Edward Bellman, Leipsic
Mark Lawrence Bigler, Dayton
Gregory Patrick Brown, Dayton
Robert Michael Buchsbaum, Columbus
Rita Christine Cañadine, Newark
Darlene Ann Clapper, Canton
Randolph Price Clawson, Columbus
Jenny Lynn Crosthwaite, West Chester
Sarah Stanbro Graham, Columbus
Deborah Pearl Grayzel, Little Silver, N. J.
Gregory Paul Guynan, Cincinnati
Owen Joseph Hagovsky, Columbus
William Cecil Keene, Hartsville
Anita Marie Milicia, Wickliffe
Anne Elizabeth Onstott, Westerville
John Edward Sawyer, Tiro
Jerri Lynn Seckel, Marion
Marilyn Jean Selhorst, Columbus Grove
Susan Dee Simeral, Reynoldsburg
Cynthia Jane Weston, Morral

Summa cum laude with distinction in Dairy Science

Susan Marie Fullenkamp, Maria Stein

Summa cum laude with distinction in Environmental Interpretation

Michael Jerome Mann, Columbus

Cum laude

William Joseph Benjamin, Jr., Findlay
Neil Bert Bonham, Parma Heights
Lynn Allan Boydelatour, North Canton
Nancy Jo Gelfius Braden, Columbus
Mary Kathleen Brown, Columbus
Thomas Keith Cheney, Prospect
Tanya Lea Curtis, Columbus
Carol Joan Dapper, Columbus
Shamita Das Dasgupta, Worthington
James Daniel Dixon, Tipp City
Anthony DeGross Drumm, Columbus
James Stephen Edwards, Oak Hill
Chris Wells Faine, Mt. Cory
Thomas Lee Galownia, Columbus
Jeanne Anne Gilhooly, Columbus
Ann Jeannette Gilkey, Toledo
Terry Hankinson Green, Columbus
Carrie Jay Groves, Columbus
Audrey Lee Hackman, Columbus
Marilyn G. Hamilton, Columbus
Ronda Joellyn Hartman, Columbus
Timothy Alan Harvey, Clarksville
Colin Keith Hatch, Columbus
Mary Jean Hemmelgarn, Burkettsville
John David Hostetler, II, Dalton
Vilija Kristina Janavicius, Cleveland
Myra June Kirby, Columbia Station
Randy Michael Kirvo, Parma
Linda Kay Lawrence, Canton
Sherryl Cockern Licause, Columbus
Susan Yacher Maloney, Leetonia
Kathryn Miles Massie, Hilliard

Milica Matejic, Columbus
Vernon Charles McKeever, Columbus
Susan Maria Merva, Pleasant City
Michael Alan Mraz, Fairborn
Kimberlyne Murbach, Alliance
Linda Ann Pepple, Lima
Nancy Lee Pfeiffer, Columbus
Todd William Prasher, Barberton
Richard Allen Price, Granville
Beth Rapport, New Philadelphia
Priscilla Ann Rhonemus, West Union
Roxanne Marie Riley, Kettering
Elizabeth Maria Rulis, North Olmsted
Carole Eichman Scott, Marion
Thomas Lee Seitz, Galion
William Arnold Skelly, Wooster
Rebecca Sutphin Trover, Dola
Joan Edna Wagner, Fremont
Charlene Ann Wallace, Dayton
Babette Jean Watkins, Oil City, Pa.
Debra Lyn Wilkinson, Bucyrus
Connie Conard Williams, Grove City
Christina Sue Yager, Marion
Linda Newman Zimmerman, Galion

Cum laude with distinction in Economics

Peter John Koenig, Columbus

Cum laude with distinction in Forest Industries Management

Garry Michael Dornis, St. Bernard

Cum laude with distinction in Forest Resource Management

David Charles Cawrse, Solon

Cum laude with distinction in Horticulture

James Patrick McAllister, Lorain

Cum laude with honors in the Liberal Arts

Neocles Basil Leontis, Columbus

With distinction in Animal Science

Tamara Carole Goforth, Fairfield
Edward William Mills, Kensington

With distinction in Dairy Science

James Edward Flach, Centerville

With distinction in Parks and Recreation Administration

Rebecca Ann Haserodt, Novelty

With distinction in Resource Development

Frank Edward Gibbs, Rawson

With honors in the Liberal Arts

Edith Margaret Lindsay, Dayton

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND TWENTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 4, 1977

The Board of Trustees met at its regular monthly meeting on Friday, March 4, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: M. Merle Harrod, Chairman, Howard D. Sirak, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, and Donald J. Hilliker.

* * *

Minutes of the last meeting were approved.

* * *

March 4, 1977 meeting, Board of Trustees

RESOLUTION IN MEMORIAM

Resolution No. 77-90

Synopsis: Resolution honoring the service of one of this University's faculty members who recently died.

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

Mary Jane Nye Schwartz

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 22, 1977, of Mary Jane Schwartz, Assistant Professor Emeritus in the School of Nursing.

Mary Jane Nye Schwartz was born in Lima, Ohio, on May 29, 1912. She served in several staff and charge nurse positions between 1935 and 1963, after earning a diploma in nursing from the Toledo Hospital School of Nursing in 1935. Mary Jane did postgraduate study in obstetric nursing at Cook County Hospital in 1939 and later undertook pre-medical studies at Ohio Northern University, earning the degree Bachelor of Arts in 1946. She was married to Eugene Meredith Schwartz during this period and they soon moved from Ohio to Lafayette, Indiana. For 16 years, Mary Jane was associated with the Home Hospital, holding the post of Director of the School of Nursing for eleven of those years and Director of Nursing Service for five. While in Lafayette, she completed requirements for the Master of Science degree at Indiana University.

When Mary Jane and Meredith returned to Columbus, her interests in nursing were to improve patient care. At that period of time she felt this could best be accomplished through teaching students to give high quality nursing care, focusing on patients and their needs. She accepted an appointment on the faculty of the School of Nursing in Autumn 1963 and served continuously until her retirement. Because of her background, she had many skills to draw on and willingly accepted teaching assignments according to the School's needs. From 1963 to 1972 she taught maternity nursing in the undergraduate program interspersed with periods of teaching nursing administration and medical-surgical nursing in the graduate program. From 1972 until her retirement, Mary Jane's responsibilities were in Continuing Education.

Mrs. Schwartz was an effective, contributing member of committees of the School of Nursing and committees in health and professional associations. Elected to membership in three honorary societies, she served important posts in each of them. In Phi Delta Gamma, a graduate honorary, she served as secretary; in the education honorary, Pi Lambda Theta, she served on a number of committees, most recently the Program Committee in 1975-76. In Sigma Theta Tau, nursing honorary, she held several posts including that of treasurer last year.

March 4, 1977 meeting, Board of Trustees

RESOLUTION IN MEMORIAM (contd)

Mary Jane Nye Schwartz (contd)

Mary Jane had many interests: art, music, antiques. She shared her husband's interest in Civil War history. To visit the home of Mary Jane and Meredith was a treasure of experience. Together they created an environment that was rich in beauty, both comfortable and comforting.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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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**AMENDMENT TO AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND
THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Resolution No. 77-91

Synopsis: Modifications in agreement between The Ohio State University and The Ohio State University Research Foundation are proposed.

WHEREAS The Ohio State University has authorized The Ohio State University Research Foundation to act as its agent to administer sponsored grants and contracts for research conducted at the University; and

WHEREAS The Ohio State University and The Ohio State University Research Foundation enter into joint agreements describing the responsibilities of both organizations related to the administration of such research grants and contracts; and

WHEREAS the Vice President for Business and Administration and the Executive Committee of the Research Foundation have recommended modifications of the joint agreement to also include authorization for the Research Foundation to administer non-research programs which provide training opportunities for graduate students and to make explicit in the agreement that the University will incur no other obligations or expense in the name of the Foundation without the written approval of the Executive Director of the Foundation:

NOW THEREFORE

BE IT RESOLVED, That the modifications described above be approved and that they be incorporated in the future agreements as presented to the Board of Trustees for approval.

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

THE OHIO STATE UNIVERSITY
RESEARCH FOUNDATION

Office of
THE EXECUTIVE DIRECTOR

1314 Kinnear Road
Columbus, Ohio 43212

THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY

Dear Sirs:

The Ohio State University Research Foundation has accepted grants and contracts with the sponsors and for the amounts set forth in the list attached hereto, for programs to be conducted at the University. The grants and contracts listed will together produce a gross income of \$

In furtherance thereof:

- (1) The scope of each investigation shall be determined by consultation between the President of the University and the Executive Director of the Foundation.
- (2) Members of the faculty, other employees and students of the University and visitors in residence at the University will work upon or participate in a project only with the approval of and on terms satisfactory to the President of the University and the Executive Director of the Foundation.
- (3) The person or persons supervising each project will submit reports as may be required upon the progress of the project through or at the direction of the proper department chairman to the Executive Director of the Foundation.
- (4) The University will cause all discoveries, improvements and inventions resulting from a project to be assigned to the Foundation by the person or persons making such discoveries, improvements or inventions.
- (5) Upon the termination of each project, all notes, records and data resulting from or collected in the course of the project will belong to and be delivered to the Foundation although the University may, if it desires, retain a copy thereof.

The Foundation will:

- (1) Pay monthly to the University an amount equal to the aggregate compensation for work on each project of the members of the faculty and other employees of the University engaged on the project.
- (2) Procure and provide to the University necessary materials, supplies, apparatus and equipment, but the University may, with the specific approval in each instance of the Executive Director of the Foundation, procure them directly, in which event the Foundation will reimburse the University for their cost.
- (3) Arrange for necessary travel and other services for those engaged on a project.
- (4) Return to the University applicable indirect costs recovered from sponsors, less such amounts as are authorized by the University to meet Foundation operating and contingency costs.

The University will incur no other obligations or expense, in the name of the Foundation, without the written approval of the Executive Director of the Foundation. All apparatus and equipment procured for a project by or at the expense of the Foundation, except that which pursuant to the Foundation's contract with the sponsor is the property of the sponsor, will, at the termination of the project, become the property of the University.

If the foregoing is acceptable to you, will you please so indicate by signing and returning the enclosed copy of this letter, retaining the original for filing with the official records of the Board of Trustees.

THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY

Page 3

Very truly yours,

THE OHIO STATE UNIVERSITY
RESEARCH FOUNDATION

By _____
Executive Director
Kenneth W. Sloan

Attest: _____
Secretary
Raymond S. Bugno

Date: _____

THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

By _____
Chairman

Attest: _____
Secretary

Date: _____

March 4, 1977 meeting, Board of Trustees

AMENDMENT TO BOARD ACTION DESIGNATING "PRINCIPAL ADMINISTRATIVE OFFICIALS"

Resolution No. 77-92

Synopsis: Amendment to Board action for designation of "Principal Administrative Officials."

WHEREAS, the Board of Trustees in an action February 6, 1959, approved a program whereby "Principal Administrative Officials" of The Ohio State University are to be relieved of their administrative assignments at age 65; and

WHEREAS said action further specified the designation "Principal Administrative Officials" to include the President, the Vice Presidents, the members of the President's Cabinet, the Deans of the Colleges of the University, and such other persons as may be designated by the Board from time to time; and

WHEREAS due to the level of responsibility of the Director of Athletics, it would appear to be appropriate to amend the definition of "Principal Administrative Officials":

NOW THEREFORE

BE IT RESOLVED, That the action of the Board at the February 6, 1959 meeting be amended to read: "Principal Administrative Officials" as used herein shall include the President, the Vice Presidents, the members of the President's Staff, the Deans of the Colleges of The Ohio State University, the Director of Athletics, and such other persons as may be designated by the Board from time to time.

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

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PERSONNEL ACTIONS

Resolution No. 77-93

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Appointments, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the February 4, 1977 meeting of the Board, including the following Retirement, Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1976-1977, be approved.

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

March 4, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Retirement

J. EDWARD WEAVER, Director of Athletics, has announced his intention to retire, effective April 30, 1977.

Appointments

Name: HUGH D. HINDMAN
Title: Director of Athletics
Department: Athletics
Effective: May 1, 1977
Salary: \$38,160.00
Present Position: Associate Director of Athletics

Name: H. LEE MATHEWS
Title: Professor and Chairman
Academic Faculty: Marketing
Effective: October 1, 1977
Salary: \$31,200.00
Present Position: Professor and Chairman, Department of Marketing,
Pennsylvania State University

Name: THOMAS J. BURNS
Title: Professor and Chairman
Academic Faculty: Accounting
Effective: October 1, 1977
Salary: \$34,200.00
Present Position: Professor, Academic Faculty of Accounting

Leaves of Absence Without Salary

KAMRAN MAJIDZADEH, Professor, Department of Civil Engineering, effective January 17, 1977 through January 28, 1977, to participate as an expert consultant to the Government of Kuwait and to visit Dahram University, Saudi Arabia, and Cairo University, Egypt, to explore prospects for possible cooperative programs between these agencies and the University.

JOHN T. HEIBEL, Associate Professor, Department of Chemical Engineering, effective January 1, 1977 through March 31, 1977, for personal reasons.

March 4, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

YUNG-CHEN LU, Associate Professor, Department of Mathematics, effective January 1, 1977 through March 31, 1977, to work at the Mathematics Research Institute in Zurich, Switzerland.

DONALD S. VAN METER, Associate Professor, Department of Political Science, effective April 1, 1977 through June 30, 1977, to continue as a policy analyst/planner in the Office of the Attorney General of Ohio.

PANAYOTIS E. KARAYANNACOS, Assistant Professor, Department of Surgery, effective January 20, 1977 through June 30, 1977, for personal reasons.

ALICE ANDREWS FRAZIER, Instructor, Department of Family Medicine, effective February 15, 1977 through March 15, 1977, for personal reasons.

JANIS A. THOMPSON, Instructor, Cooperative Extension Service, effective February 2, 1977 through June 30, 1977, to engage in a program of professional self-improvement.

Emeritus Titles

ORENA M. HAYNES, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1977.

WILLIAM E. GILL, Department of Agricultural Engineering, with the title Associate Professor Emeritus, effective February 1, 1977.

DELMA I. MCCOURT, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective February 1, 1977.

Mr. Harrod made the following statement:

On the occasion of Ed Weaver's retirement as Athletic Director, I would like to comment briefly that in my judgment he is, and has been, one of the finest Athletic Directors in the United States, and I know quite a few. I am sure that I speak for all the Board when I extend our sincere appreciation to Ed for his many years of dedicated service to this University, which I think number about 33 and particularly the last 6½ years as the leader of our athletic programs. I have attended NCAA meetings, and I know how his fellow directors feel about Ed; they consider him without peer.

I also wish to express my great personal pleasure in the choice of Ed's successor, Hugh Hindman.

March 4, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Mr. Harrod's statement (contd):

Congratulations to you, Dr. Armitage, for the important role you played in this selection procedure. I personally believe that Hugh Hindman is the finest selection we could have made and for that I congratulate you and the Athletic Council.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-94

Synopsis: The report on contracts, grants, and gifts and the summary for January is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of January, 1977, be approved.

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

March 4, 1977 meeting, Board of Trustees

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

SUMMARY FOR JANUARY 1977

Source	No. of Projects	Support Level
Office of Business and Administration	25	\$ 351,789.81
The Ohio State University Research Foundation	41	1,277,386.00
The Engineering Experiment Station	4	129,639.00
		\$1,758,814.81
The Ohio State University Development Fund	1,872 Donors	\$281,108.43
Establishment of Named Funds:		
The C. Rollin Niswonger Accounting Advancement Fund (College of Administrative Science)		\$15,000.00
The Herbert Baumer Memorial Fund in Architecture (School of Architecture - Architectural Design)		10,000.00
The Dr. Jacob O. Kamm Award for Improvement of the Economics of the Ohio Agricultural Industry (College of Agriculture and Home Economics)		10,000.00
The Emerson R. Miller Scholarship Fund (Newark Campus)		10,000.00

March 4, 1977 meeting, Board of Trustees

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

Establishment of Named Funds (contd)

The Richard L. Basch Memorial Learning Resource Fund (College of Dentistry)	\$6,000.00
The John H. Blankenbuehler Scholarship in Welding Engineering (Department of Welding Engineer- ing)	5,000.00
The Rouda Scholarship for Graduate Education in Real Estate (College of Administrative Science)	5,000.00

March 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$84,993.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts and Grants Management Division, Washington, D. C., Operational Phase of Third National Forum on Education and Work and Planning Phase of Fourth National Forum on Educational Work, Center for Vocational Education, December 1, 1976 through September 30, 1977. (Contract No. 400-77-0014)

\$43,682.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, Clinical Chemistry - Training Grant, Department of Pathology, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 GM01805-10)

\$24,791.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Student Loans, College of Medicine, July 1, 1976 through June 30, 1977. (I.D. No. 05L390071-77; Former No. 1 7 45 0430 15 1)

\$24,471.00 - Department of Health, Education, and Welfare, Office of Education, Occupational and Adult Education Branch, Grant and Procurement Management Division, Washington, D. C., Abstracts of Instructional Materials (AIM) and Abstracts of Research Materials (ARM), Center for Vocational Education, effective August 25, 1976. (Contract/Order No. 300-75-0141, Amendment No. 4)

\$19,985.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Student Loans, College of Dentistry, July 1, 1976 through June 30, 1977. (I.D. No. 05L390075-77; Former No. 2 7 45 0430 15 1)

\$18,257.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Student Loans, College of Veterinary Medicine, July 1, 1976 through June 30, 1977. (I.D. No. 05L390083-77; Former No. 7 7 45 0430 15 1)

\$13,968.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Student Loans, College of Pharmacy, July 1, 1976 through June 30, 1977. (I.D. No. 05L390079-77; Former No. 5 7 45 0430 15 1)

\$10,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Vocational Education Liaison Studies Conferences, Center for Vocational Education, October 26, 1976 through November 30, 1976. (Contract/Order No. NEC-00-4-0012, Amendment No. 11)

March 4, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$7,676.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Student Loans, College of Optometry, July 1, 1976 through June 30, 1977. (I.D. No. 05L390077-77; Former No. 4 7 45 0430 15 1)

\$4,046.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Nursing Student Loans, School of Nursing, July 1, 1976 through June 30, 1977. (I.D. No. 05L390068-77; Former No. G 7 45 0430 15 1)

TOTAL - FEDERAL CONTRACTS/GRANTS **\$251,869.00**

State of Ohio Contracts/Grants

\$26,727.61 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Policy Management Assistance for State and Local Government, Mer-shon Center, July 1, 1976 through June 30, 1977.

\$7,900.00 - State of Ohio, Ohio Commission on Aging, Columbus, Ohio, Ohio Net-work of Education Consultants, Mansfield Regional Campus, October 1, 1976 through September 30, 1977.

\$6,075.00 - State of Ohio, Ohio Commission on Aging, Columbus, Ohio, Introduction to Gerontology, Mansfield Regional Campus, July 1, 1976 through June 30, 1977.

\$3,591.20 - State of Ohio, Department of Health, Division of Maternal and Child Health Administrative Services, Columbus, Ohio, Ohio Department of Health - Department of Mental Health, Mental Retardation Pilot Project, Department of Preventive Medicine, July 1, 1976 through December 31, 1976.

\$2,500.00 - State of Ohio, Office of the Attorney General, Columbus, Ohio, Teacher Development Workshops, Academic Faculty of Educational Administration, August, 1976 through February, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$46,793.81**

Industrial and Other Contracts/Grants

\$57,600.00 - American Council on Education, Washington, D. C., to provide direction, data, reports on joint project with University of California, Berkeley, University Re-search Price Index Calculation Pilot Study, Office of Special Projects, May, 1976 through January, 1977.

March 4, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial and Other Contracts/Grants (contd)

\$21,963.00 - Central Ohio Rural Consortium, Licking County, Newark, Ohio, for services under Title II of the Comprehensive Employment and Training Act (CETA) of 1973, Newark Regional Campus, October 1, 1976 through January 31, 1977. (Modification Nos. 001, 002)

\$8,675.00 - Mariemont City School District, Cincinnati, Ohio, comprehensive educational facility utilization studies of Mariemont School District, Academic Faculty of Educational Administration, November 15, 1976 through March 14, 1977.

\$7,600.00 - Six Pence School, Columbus, Ohio, Program Assessment and Program Requirement Development for Six Pence School, Council of Educational Facility Planners, January 1, 1977 through May 31, 1977.

\$4,175.00 - Mayfield City School District, Board of Education, Cleveland, Ohio, Comprehensive Educational Facility Study of Mayfield City Elementary Schools, Academic Faculty of Educational Administration, January 1, 1977 through May 31, 1977.

\$4,072.00 - National Alliance of Businessmen, Inc., Washington, D. C., Career Guidance Institute Program, Academic Faculty of Special Services, January 3, 1977 through August 31, 1977.

\$3,000.00 - World Health Organization, 1211 Geneva 27, Switzerland, Biological Research on Development of Biological Control Agents of Vectors, Department of Entomology, for year 1976.

\$2,270.00 - Marshall University, Department of Occupational, Adult and Safety Education, Huntington, West Virginia, participation of faculty members in the Institute for Competency-Based Teacher Education, Center for Vocational Education, January 12, 1977 through January 14, 1977.

\$750.00 - State of New Jersey, Department of Education, Trenton, New Jersey, Workshop on Assessment and Evaluation Instruments for Occupational Education, Center for Vocational Education, December 1, 1976 through December 31, 1976.

\$622.00 - State of Missouri, Department of Elementary and Secondary Education, Jefferson City, Missouri, Adaptation of the Career Planning Support System to Fit the Missouri Career Education/Delivery System, Center for Vocational Education, January 19, 1977 through January 21, 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$53,127.00

March 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$99,805.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services. (Project 4378-A1 - Modification No. P00004)

\$97,934.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine, 1 January 1977 through 31 December 1977. (Project 1094-S - Extension No. 17)

\$95,947.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens, Department of Veterinary Pathobiology, 1 February 1977 through 31 January 1978. (Project 2762-H - Extension No. 8)

\$91,606.00 - National Aeronautics and Space Administration, Washington, D. C., Research in Support of Earth and Ocean Physics Applications Program, Department of Geodetic Science. (Project 3820-A1 - Supplement No. 2)

\$70,540.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Anti-Vascular Endothelial Antibody, Department of Surgery, 1 January 1977 through 31 December 1977. (Project 3857-A4 - Extension No. 3)

\$59,700.00 - National Science Foundation, Washington, D. C., Fluid Mechanics Problems in Arterial Disease, Department of Aeronautical and Astronautical Engineering, 1 October 1971 through 31 December 1977. (Project 3331-A1 and B1 - Letter dated 29 December 1976)

\$45,774.00 - Department of Health, Education and Welfare, Public Health Service, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention, Department of Psychology, 1 January 1977 through 31 December 1977. (Project 1470-P - Extension No. 14)

\$40,000.00 - National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria, Department of Chemistry, 1 March 1977 through 28 February 1978. (Project 4647-A1 - New)

\$35,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, OSU Participation in the CTS Communications Link Characterization Experiment; Scintillation Measurements During the Return of ATS-6, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4299-A1 - Modification No. 5)

March 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$33,700.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering, 1 August 1975 through 31 December 1977. (Project 4313-A1 - Modification No. P00002)

\$32,512.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Studies in Gravimetric Geodesy, Department of Geodetic Science, 1 January 1977 through 31 March 1978. (Project 4637-A1 and B1 - New)

\$31,000.00 - National Science Foundation, Washington, D. C., Strained Polycyclic Aromatic Hydrocarbons, Department of Chemistry, 1 January 1975 through 31 December 1977. (Project 4102-A1 - Letter dated 20 December 1976)

\$30,100.00 - National Science Foundation, Washington, D. C., Revision of the Sphenophyllaceae, Department of Botany, 1 January 1977 through 31 December 1978. (Project 4634-A1 - New)

\$26,198.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Drug-Receptor Related Stereoselectives, College of Pharmacy, 1 January 1977 through 31 December 1977. (Project 3099-A6 - Extension No. 5)

\$25,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, An Investigation of the Aerodynamic Characteristics of a New General Aviation Airfoil in Flight, Department of Aeronautical and Astronautical Engineering. (Project 4173-A1 - Supplement No. 6)

\$23,984.00 - Department of Health, Education and Welfare, 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, 1 January 1977 through 31 December 1977. (Project 4640-A1 - New)

\$20,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, High Resolution Multi-Frequency Radar/Radiometer Data Analysis, ElectroScience Laboratory, Department of Electrical Engineering, 25 January 1977 through 24 July 1977. (Project 4650-A1 - New)

\$18,814.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Radar Identification of Naval Vessels, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4558-A1 - Modification No. P00001)

March 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants

\$14,960.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Electron Microscopic Study of the Effect of PCB and PBB on Thyroid Gland of Rats, Department of Veterinary Pathobiology, 3 June 1974 through 31 December 1977. (Project 3939-A1 - Modification No. 5)

\$11,895.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group, Department of Surgery, 1 February 1974 through 31 March 1977. (Project 3167-A5 - Supplement No. 3)

\$10,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Optimization of a Transportation System Planning Problem, Department of Industrial and Systems Engineering, 1 January 1977 through 31 December 1977. (Project 4628-A1 - New)

\$3,501.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Anti-vascular Endothelium Antibody in Transplantation, Department of Surgery, 1 January 1976 through 30 November 1977. (Project 3857-A3 - Award dated 17 December 1976)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$917,970.00**

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

\$100,000.00 - Sandoz-Wander, Inc., East Hanover, New Jersey, Immunological Studies of Reproductive Hormones, Department of Obstetrics and Gynecology, 1 February 1975 through 31 January 1978. (Project 4127-A1 - Agreement dated 31 January 1975)

\$84,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Electro-Science Laboratory, Department of Electrical Engineering, 1 January 1977 through 31 December 1977. (Project 4652-A1 - New)

\$34,283.00 - Dorsey Laboratories, Lincoln, Nebraska, A Controlled Release Oral Drug Delivery System, College of Pharmacy, 1 January 1977 through 31 December 1978. (Project 4648-A1 - New)

\$20,000.00 - Corporation for Health Education in Appalachia Ohio, Inc., Athens, Ohio, Support of Primary Care Faculty Development Definitives, Department of Medicine Administration, 31 August 1976 through 30 August 1977. (Project 4636-A1 - New)

March 4, 1977 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)

\$17,212.00 - Elsa U. Pardee Foundation, Midland, Michigan, Electron Microscopic Demonstration of Estrogen Receptors in Mammary Cancer Cells, Department of Pathology, 1 January 1977 through 31 December 1977. (Project 4644-A1 - New)

\$16,552.00 - Elsa U. Pardee Foundation, Midland, Michigan, Predicting Response to Endocrine Therapy in Breast Cancer Patients by Oxidative Activity, Department of Surgery, 1 January 1977 through 31 December 1977. (Project 4643-A1 - New)

\$15,000.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., Establishment of a National Regulatory Research Institute, College of Engineering, 1 January 1977 through 31 December 1977. (Project 4649-A1 - New)

\$14,256.00 - Elsa U. Pardee Foundation, Midland, Michigan, Elemental Determination of Uncoated Tumor Tissue in the Fresh Frozen State by X-Ray Probe Analysis, Department of Zoology, 1 January 1977 through 31 December 1977. (Project 4642-A1 - New)

\$11,500.00 - Electric Power Research Institute, Inc., Palo Alto, California, Corrosion Chemistry in Low Oxygen Activity Atmospheres Characteristic of Gasified or Incompletely Combusted Coal, Department of Metallurgical Engineering, 1 June 1976 through 31 December 1977. (Project 4496-A1 - Telephone agreement 5 January 1977)

\$10,310.00 - National Geographic Society, Washington, D. C., Transparent Overlay Maps for the Palomar/National Geographic Society Sky Survey, Department of Electrical Engineering, 1 January 1977 through 31 December 1977. (Project 4651-A1 - New)

\$9,650.00 - Dairy Research, Inc., Rosemont, Illinois, Psychotropic Sporeformers in Market Milk, Department of Food Science and Nutrition, 1 January 1975 through 31 December 1977. (Project 4096-A1 - Agreement dated 27 December 1976)

\$5,980.00 - Corporation for Health Education in Appalachia Ohio, Inc., Athens, Ohio, Support of Learning Resource Centers for the Family Oriented Primary Care Project, Department of Medicine Administration, 31 August 1976 through 30 August 1977. (Project 4635-A1 - New)

\$5,680.00 - Rachelwood Wildlife Research Preserve, Pittsburgh, Pennsylvania, The Effect of Low Dietary Energy on Ovulation Frequency and Reproductive Endocrinology of the Ewe, Department of Zoology, 1 January 1976 through 31 December 1977. (Project 4357-A1 - Letter dated 20 January 1977)

March 4, 1977 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)

\$5,000.00 - Dermatology Foundation, Philadelphia, Pennsylvania, Melanotoxic Skin Pigments and Carcinogenesis, Department of Chemistry, 1 January 1977 through 31 December 1977. (Project 4645-A1 - New)

\$4,200.00 - The Ohio Company, Columbus, Ohio, Study of Hospital Bond Rating, School of Allied Medical Professions, 1 January 1977 through 31 December 1977. (Project 4654-A1 - New)

\$2,500.00 - Beverage Products, Division of Borden Foods, Borden Incorporated, Columbus, Ohio, Clinical Investigation of the Effects of Coffee Components on Gastrointestinal Function, Department of Medicine, 1 May 1976 through 31 January 1977. (Project 4414-A1 - Letter dated 17 September 1976)

\$2,000.00 - National Association of Corrosion Engineers, Houston, Texas, Exchange of Soviet and American Corrosion Scientists and Engineers, Department of Metallurgical Engineering, 22 December 1976 through 31 January 1977. (Project 4646-A1 - New)

\$1,143.00 - Rachelwood Wildlife Research Preserve, Pittsburgh, Pennsylvania, The Effect of Supplemental Food on Gray Squirrel Distribution, Density, Movements and Reproductive Performance, Department of Zoology, 1 January 1976 through 31 December 1977. (Project 4360-A1 - Letter dated 20 January 1977)

\$150.00 - The Cary Arboretum of The New York Botanical Garden, Milbrook, New York, A Pre-Fence Study of Mammalian Populations on The Cary Arboretum, Department of Zoology. (Project 4072-A1 - Letter dated 14 December 1976)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$359,416.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contract

\$5,640.00 - Public Utilities Commission of Ohio, Columbus, Ohio, Reviewing Panel Meeting on "Electricity Pricing Policies in Ohio," Division of Nuclear Engineering, Department of Mechanical Engineering, January 1, 1977 through March 31, 1977. (EES 508B)

Industrial and Other Research Contracts

\$98,999.00 - Columbia Gas System Service Corporation, Columbus, Ohio, Detection of a Buried Pipe from the Shovel of a Back Hoe, Department of Electrical Engineering, December 1, 1976 through November 30, 1977. (EES 479, Extension 3)

March 4, 1977 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Research Contracts (contd)

\$20,000.00 - American Gas Association, Arlington, Virginia, Surface Combustion of Hydrogen and Other Light, Gaseous Fuels in the Presence of a Non-Uniform Electrostatic Field and Corona Wind, Department of Mechanical Engineering, August 15, 1976 through August 14, 1977. (EES 561)

\$5,000.00 - Owens Corning Fiberglas, Granville, Ohio, Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, January 26, 1977 through January 25, 1978. (EES 510, Modification No. 3)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS \$123,999.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$50,000.00 from E. I. DuPont de Nemours & Company, Wilmington, Delaware: \$23,000.00 for their fund in Mechanical Engineering, \$18,000.00 for research in Chemistry, and \$9,000.00 for research in Chemical Engineering.

\$23,801.09 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$18,450.00 from Mead Johnson & Company, Evansville, Indiana, for a new project in the Department of Obstetrics and Gynecology.

\$14,056.90 from The Refractories Institute, Pittsburgh, Pennsylvania, for their research fund in Ceramic Engineering.

\$13,608.00 from Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$10,000.00 from an anonymous donor for a purpose to be designated at a later date.

\$9,186.00 from The Charles F. High Foundation, Bucyrus, Ohio, for their scholarship fund.

\$7,719.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for their scholarship fund.

\$7,650.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for their scholarships in Medicine.

March 4, 1977 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)

\$7,510.00 from Leonard J. Immke, Columbus, Ohio: \$3,685.00 for the Professional Training in the Visual Arts Scholarship Fund, \$2,500.00 to be designated at a later date, and \$1,325.00 for the Professional Studio Training in the Visual Arts Fund.

\$5,866.65 from Frederick H. Davidorf, M.D., Inc., (given in the name of Frederick H. Davidorf), Columbus, Ohio, for the Retina Research Fund.

\$5,286.81 from Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$5,000.00 from The Duriron Company, Inc., Dayton, Ohio, for their Professorship in Metallurgical Engineering.

\$5,000.00 from Ohio Harness Horsemen's Association, Inc., Richwood, Ohio, for their Internal Training project.

Establishment of Named Funds

The C. Rollin Niswonger Accounting Advancement Fund

The C. Rollin Niswonger Accounting Advancement Fund was established March 4, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from C. Rollin Niswonger, Ph.D. '50, Oxford, 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 disbursed in accordance with authorization of a committee composed of the chairman and two senior professors of the Accounting faculty. Requests for expenditures of the income will be initiated by the committee 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 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.

March 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Herbert Baumer Memorial Fund in Architecture

The Herbert Baumer Memorial Fund in Architecture was established March 4, 1977, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from colleagues, friends, and relatives in memory of Professor Emeritus Herbert Baumer, 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.

Interest income and all contributions are to be added to the endowment principal until the endowment principal reaches \$10,000. At that time, 50 per cent of the annual contributions shall be deposited in the Endowment Fund, and interest income and up to 50 per cent of the annual contributions may be used at the discretion of the Director of the School of Architecture for the following purposes:

1. Scholarships or fellowships for undergraduate and graduate students in Architectural Design.
2. Research projects in Architectural Design.
3. Other worthy projects in the field of Architectural Design.

Should the School of Architecture cease to exist through any reorganization of the University, then the interest 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 architectural education.

The Dr. Jacob O. Kamm Award for Improvement of the Economics of the Ohio Agricultural Industry

The Dr. Jacob O. Kamm Award for Improvement of the Economics of the Ohio Agricultural Industry was established March 4, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Jacob O. Kamm, Ph.D. '48, 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, with the right to invest and reinvest as occasion dictates.

March 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Dr. Jacob O. Kamm Award for Improvement of the Economics of the Ohio Agricultural Industry (contd)

The annual income is to be used to improve understanding of the economic problems faced by the Ohio agriculture industry and to stimulate research and extension education projects which address the agriculture management and production problems. In addition, the award may be used to support new faculty research projects in the economics of the Ohio agriculture industry, graduate student research projects, or for undergraduate honors projects. The selection of the recipient(s) is to be made by the dean of the College of Agriculture and Home Economics and the chairman of the Department of Agricultural Economics and Rural Sociology. If the award is not made annually, the income should then be added to the principal. Preference initially is to be given to agricultural projects improving the Ohio greenhouse industry. However, should the Ohio greenhouse industry decline to the point that it would not be feasible to fund research projects, the income from this fund shall then be used for projects of a similar nature improving Ohio 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 agricultural education.

The Emerson R. Miller Scholarship Fund

The Emerson R. Miller Scholarship Fund was established March 4, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mary M. Miller, Newark, Ohio, in memory of her late husband, Emerson R. Miller, B.A. '16.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, 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 students attending the Newark Campus of The Ohio State University. First preference will be given to students who have demonstrated scholastic ability. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Director of the Newark 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 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.

March 4, 1977 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 L. Basch Memorial Learning Resource Fund

The Richard L. Basch Memorial Learning Resource Fund was established March 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Richard L. Basch, D.D.S. '61, from his parents, Dr. and Mrs. Lewis R. Basch, friends and former colleagues.

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 for continuing education and/or for undergraduate preventive dentistry programs within the College of Dentistry. If the principal balance exceeds \$6,000.00 as of June 30 of a given year, the Dean of the College of Dentistry may use any or all of the surplus above \$6,000.00 for support of the programs sponsored by the Department of Continuing Dental Education in the College of Dentistry. Requests for funds will be approved by the Dean of the College of Dentistry.

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 dental education and research.

The John H. Blankenbuehler Scholarship in Welding Engineering

The John H. Blankenbuehler Scholarship in Welding Engineering was established March 4, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ms. Harriet Ann Blankenbuehler, daughter of John H. Blankenbuehler.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 and fellowship assistance to undergraduate and graduate students enrolled in the Department of Welding Engineering. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee of the Department of Welding Engineering.

March 4, 1977 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 H. Blankenbuehler Scholarship in Welding Engineering (contd)

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 official of the University who is then directly responsible for Welding Engineering education.

The Rouda Scholarship for Graduate Education in Real Estate

The Rouda Scholarship for Graduate Education in Real Estate was established March 4, 1977, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the staff associates and management of The Harley E. Rouda and Company, Realtors, 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.

Interest income may be used at the discretion of the Director of the Center for Real Estate Education and Research in the College of Administrative Science for the following purposes:

1. Scholarships or fellowships for students enrolled as Master's Degree candidates specializing in Real Estate Education not to exceed \$500.00 per year. The student(s) may receive subsequent annual awards prior to the completion of the applicable degree program.
2. Scholarships or fellowships for graduate students enrolled as doctoral candidates specializing in Real Estate Education not to exceed \$750.00 per year. The student(s) may receive subsequent annual awards prior to the completion of the applicable degree program.

Should the Center for Real Estate Education and Research cease to exist through any reorganization of the University, then the interest income will be used for scholarships or fellowships as described in (1) and (2) above at the discretion of the Chairperson of the Faculty of Finance in consultation with the real estate faculty.

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March 4, 1977 meeting, Board of Trustees

COMPREHENSIVE MASTER PLAN: HEALTH SCIENCES COMPONENT

Resolution No. 77-95

Synopsis: Authorization for the development of a Comprehensive Master Plan: Health Sciences Component for The Ohio State University.

WHEREAS implementation of that part of the comprehensive Master Plan concerned with the Medical Center and other Health Sciences facilities is approaching completion; and

WHEREAS the University has been requested by the Mid-Ohio Health Planning Federation to submit an updated Master Plan for its clinical facilities so that increased coordination of health care in Central Ohio might be achieved; and

WHEREAS the University must define further its role in the changing health care systems of Ohio and the nation as well as mid-Ohio:

NOW THEREFORE

BE IT RESOLVED, That the President be authorized to undertake the development of a Health Sciences Master Plan for The Ohio State University, by contracting with a planning consultant, who will address potential program and physical facility needs required to support appropriate programs of the University, and to present such a plan to the Board for approval at an early date.

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

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PLANS AND SPECIFICATIONS

Resolution No. 77-96

Synopsis: Plans and specifications have been completed for the following five projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration, the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

March 4, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

CONVERSION OF UNIVERSITY FACILITIES TO ALTERNATE FUEL

Project: The University has been in the process of developing a secondary source of energy so that it might maintain a standby fuel source to assure the continued operation of University facilities if, for any reason, the primary energy source were to be further curtailed. Even though the University has been able to effect a number of standby units within our energy conservation program during the past three years, there still remains a number of major facilities on this campus which have no back-up source of energy available to them. During this past winter, these facilities were placed in considerable jeopardy because of the severe restrictions on natural gas. The University is desirous of assuring the operation of these essential facilities on a continuous basis should a critical situation develop during the next heating season. The implementation of this project must start immediately to bring about this capability before the next winter season.

Funding: Contract Repair - 126070

Estimated Project Cost: \$672,700.00

GALVIN HALL - LIMA CAMPUS

Project: Renovation of four rooms on the third floor to accommodate Biological Sciences classroom, laboratory, and laboratory stores/service functions.

Funding: H.B. 985, Item 315-083 (Lima Campus, Phase IV)

Estimated Project Cost: \$100,000.00

HAMILTON HALL REMODELING - PHASE III

Project: Alterations to improve accommodations for the educational functions of the College of Medicine. Safety improvements to three stairwells will also be included in the scope of this project.

Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium) and Budget Account 801325, Safety Improvements.

Estimated Project Cost: \$200,000.00 (H.B. 687, Utilities and Renovation)
\$ 39,500.00 (Budget Account 801325)

March 4, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HAGERTY HALL - PAGE HALL REMODELING

Project: Renovate various areas in the basement and on the first, second, third and fourth floors of Hagerty Hall to accommodate the Department of Economics and classroom space, and subgroups for the College of Administrative Science; modification of all stairways to meet code requirements for fire safety will also be included in this project work.

Renovation of various areas in Page Hall in the basement and on the first and second floors to improve existing spaces for classrooms and library and certain divisions of the College of Administrative Science. A new exterior stair and an exit from the basement level, with a ramp for physically handicapped persons, will be provided to meet code requirements for fire safety.

Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium) and Budget Account 801325, Safety Improvements.

Estimated Project Cost: \$625,000.00 (H.B. 687, Utilities and Renovation)
\$ 40,500.00 (Budget Account 801325, Safety Improvements)

ADMINISTRATION BUILDING - DERBY HALL REMODELING

Project: Renovate space in the basement and on the first and third floors in the Administration Building for the Departments of Geography and Sociology to provide teaching and research laboratories with support spaces and offices.

Renovate space in Derby Hall in the basement and on the first, second and third floors to improve instructional spaces and provide offices and support spaces for the Departments of Political Science and Communications and the Disaster Research Center.

Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium)

Estimated Project Cost: \$375,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

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

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March 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS

Resolution No. 77-97

Synopsis: Bids have been awarded for three projects to the lowest and best bidder in accordance with University procedure.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows for each project:

CHEMISTRY LABORATORIES (McPHERSON) REMODELING (SEVEN ROOMS)

Description: Improvements to laboratories, research and teaching services.

General Contract

Date Received:	January 25, 1977
No. of Bids:	5
Low Bid:	\$19,940.00* **
High Bid:	\$24,140.00*
Estimate of Cost:	\$14,122.00*
Awarded to:	Waller and Lund, Inc. (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

** General 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 recommended for award as per Section 153.12 of the Ohio Revised Code.

March 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

CHEMISTRY LABORATORIES (McPHERSON) REMODELING (SEVEN ROOMS) (contd)

Plumbing Contract

Date Received: January 25, 1977
No. of Bids: 4
Low Bid: \$13,695.00*
High Bid: \$19,400.00
Estimate of Cost: \$11,000.00
Awarded to: J. A. Croson Plumbing and Heating, Inc. (Columbus, Ohio)

**Heating, Ventilating and Air
Conditioning Contract**

Date Received: January 25, 1977
No. of Bids: 3
Low Bid: \$24,000.00* **
High Bid: \$29,645.00**
Estimate of Cost: \$22,580.00**
Awarded to: Farber Corporation (Columbus, Ohio)

*Plumbing Contract and Heating, Ventilating and Air Conditioning Contract are in excess of filed estimate of cost; however, the total price of all contracts is within the total Estimate of Cost and is therefore recommended for award as per Section 153.12 of the Ohio Revised Code.

** Recommended Alternates reflected in these figures.

March 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

CHEMISTRY LABORATORIES (McPHERSON) REMODELING (SEVEN ROOMS) (contd)

Electrical Contract

Date Received: January 25, 1977

No. of Bids: 5

Low Bid: \$ 7,800.00*

High Bid: \$20,558.00*

Estimate of Cost: \$19,767.00*

Awarded to: Mid-City Electric Company (Columbus, Ohio)

Total All Contracts: \$65,435.00

Total Project Cost: \$78,616.00

Funding: H.B. 687, Utilities and Renovation (1975-77) and Budget Account 801325 (Safety Improvements)

ERNIE BIGGS ATHLETIC TRAINING FACILITY - ADDITION

Description: Space for expansion of the weight training and physical rehabilitation program for the Athletic Department.

General Contract

Date Received: February 10, 1977

No. of Bids: 10

Low Bid: \$30,322.00*

High Bid: \$41,070.00*

Estimate of Cost: \$44,805.00*

Awarded to: Henry A. Justus, Inc. (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

March 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

ERNIE BIGGS ATHLETIC TRAINING FACILITY - ADDITION (contd)

Mechanical Contract

Date Received: February 10, 1977
No. of Bids: 8
Low Bid: \$ 7,500.00
High Bid: \$ 8,755.00
Estimate of Cost: \$13,854.00
Awarded to: Montoney's Heating & Piping Co. (Columbus, Ohio)

Electrical Contract

Date Received: February 10, 1977
No. of Bids: 8
Low Bid: \$ 5,390.00
High Bid: \$ 9,750.00
Estimate of Cost: \$11,019.00
Awarded to: Royal Electric Construction Corp. (Columbus, Ohio)

Total All Contracts: \$43,212.00

Total Project Cost: \$69,000.00

Funding: Budget Account 801326 (Ernie Biggs Athletic Training Facility Addition)

**BIOLOGICAL SCIENCES BUILDING--VENTILATION AND ENERGY
CONSERVATION IMPROVEMENTS**

Description: Install additional duct work which will increase the positive air flow through the fume hoods eliminating a hazardous situation and adapt the system to current energy conservation standards.

March 4, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

**BIOLOGICAL SCIENCES BUILDING--VENTILATION AND ENERGY
CONSERVATION IMPROVEMENTS (contd)**

Heating, Ventilating and Air Conditioning Contract

Date Received: February 10, 1977

No. of Bids: 5

Low Bid: \$ 62,000.00

High Bid: \$118,500.00

Estimate of Cost: \$ 84,500.00

Awarded to: Columbus Heating and Ventilating (Columbus, Ohio)

Total All Contracts: \$ 62,000.00

Total Project Cost: \$100,000.00 (includes additional balancing and control for contaminant removal and air make-up system--Estimate--\$25,000)

Funding: Budget Account 801325 (OSHA Corrections)

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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EMPLOYMENT OF INSURANCE CONSULTANT

Resolution No. 77-98

Synopsis: Hiring of William M. Mercer, Inc., Cleveland, Ohio, as consultant for the University's life and health benefits insurance programs is proposed.

Mr. Devenow presented the following resolution:

WHEREAS the Board of Trustees at the February 4, 1977 meeting authorized the hiring of an insurance consultant to evaluate quotations received on the University's life and health insurance benefits for the faculty, staff and their dependents; and

WHEREAS specifications were submitted to a number of insurance consulting firms and requests for bids for evaluation of the proposals from potential underwriters were requested; and

March 4, 1977 meeting, Board of Trustees

EMPLOYMENT OF INSURANCE CONSULTANT (contd)

WHEREAS proposals have now been received from several consulting firms offering service to this University for its evaluation process:

NOW THEREFORE

BE IT RESOLVED, That on the basis of proposals received it is hereby recommended that William M. Mercer, Inc., Cleveland, Ohio, be employed with the total cost not to exceed \$15,000 for the evaluation of the bid quotations received on the life and health insurance coverages offered by the University.

Upon motion of Mr. Devenow, 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. 77-99

RESOLVED, that the report on the University's Investment Portfolio dated March 3, 1977, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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MR. RICK THEIS - GUEST SPEAKER

Mr. Harrod then called on Mr. Rick Theis, President of the Undergraduate Student Government, who had requested to speak.

Mr. Theis addressed the Board regarding the format of Board meetings. He asked that each Trustees' meeting include an opportunity for the President of Undergraduate Student Government to speak, that meetings be held in a more accessible location for students, that the meeting room be larger to accommodate all students who wish to attend, that a sound system be provided so the audience can hear, that "Report to the Campus," published in the *Lantern*, be more accurate in the reporting of the Board meetings, and, finally, that time be set aside at the end of each meeting for students to question Trustees on the actions taken at that meeting.

Dr. Sirak indicated he agreed with the request for an improved sound system and suggested that a bus could be provided to transport students to the Fawcett Center for Tomorrow if the demand was sufficiently great to warrant such transportation. He said he believed that a speaker should continue to request permission to speak at each meeting so that the speaker is forced to analyze what he or she wants to say. Dr. Sirak also indicated that he would be willing to participate in a question and answer session following the Board meetings.

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March 4, 1977 meeting, Board of Trustees

REPORT ON BUDGET FOR 1977-1979 BIENNIUM

President Enarson called on Dr. William E. Vandament, Director of Budget and Resources Planning, to present the University's budget position for the 1977-79 biennium. Dr. Vandament outlined the executive, continuation and "survival" budget proposals and also discussed the internal budgeting process. Provost Kuhn then cited a number of high-priority program items, which included remedial English and mathematics, an investment in current energy research efforts, and program flexibility in new areas for growth and development, such as gerontology and vocational rehabilitation. In conclusion, the President indicated that it is unlikely that an appropriation bill will pass the General Assembly before June 1, and thus the Trustees will not be able to take action on the budget, including salary and wage increase issues relating to educational deficiencies and charges to the students, before this time. He stated, "Clearly we cannot give exclusive primacy to any one value, whether it's quality of program, or the laudable goal of keeping fees low, or the laudable goal of full cost of living increases."

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Thereupon the Board adjourned to meet Friday, April 1, 1977, at the Agricultural Technical Institute, Wooster, Ohio, at 10:30 a.m.

Attest:

Edward O. Moulton
Secretary

M. Merle Harrod
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND TWENTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Wooster, Ohio, April 1, 1977

The Board of Trustees met at its regular monthly meeting on Friday, April 1, 1977, at the Agricultural Technical Institute, Wooster, Ohio, pursuant to adjournment.

Present: M. Merle Harrod, Chairman, John L. Gushman, Patricia D. James, Warren J Smith, John D. Jacob, and Donald J. Hilliker.

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Minutes of the last meeting were approved.

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April 1, 1977 meeting, Board of Trustees

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President Enarson expressed the appreciation of the Board for the opportunity to hold the Board meeting at one of the regional campuses of The Ohio State University. He said, "We are likely to forget that ATI is very much a part of the University, and I would hope that the Board will continue to meet at one of the regional campuses each year."

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RESOLUTIONS IN MEMORIAM

Resolution No. 77-100

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

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. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

David Jon Hagar

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 4, 1977, of David Jon Hagar, Associate Professor of Geology and Mineralogy. Dr. Hagar joined the faculty in 1966 as one of the first regular faculty members serving the Lima Campus and taught there during his tenure at Ohio State.

Dr. Hagar was born on September 2, 1919, in Burlington, Vermont. He received his Bachelor of Arts and Master of Science degrees from the University of Vermont and taught geology at the University of Maine from 1957 until 1962. He received his doctorate in geology from the University of Massachusetts, where he served as a research assistant from 1962 to 1966.

Dr. Hagar was a member of the American Association of University Professors, the Society of Sigma Xi, the Geological Society of America, and the National Association of Geology Teachers. He was also a member of Christ Episcopal Church in Lima. Dr. Hagar served in the U. S. Army during World War II.

Commitment to his profession was underscored by Professor Hagar's continuing research into geological phenomena. This research took him to various places in Maine, the Carolinas, and California. In recent years, he made annual summer expeditions to study erosion in the Mojave Desert.

David Hagar's dedication was evidenced by his generous giving of time to numerous University committees. He served as chairman of several committees and was president of the Lima Campus Faculty Assembly from 1971 to 1973.

Dr. Hagar will best be remembered for his tireless efforts in behalf of his students. His enthusiasm for his field was communicated to his students, many of whom developed a continuing interest in geology and environmental concerns. The laboratory in which he taught became a center of activity for learning and study. Always patient, caring, and eager to teach,

April 1, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

David Jon Hagar (contd)

Dr. Hagar excelled as a teacher, and his relationships with students served as an exemplary model for others. He will be missed by his colleagues and his students.

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 his family as a sincere expression of sympathy and respect.

Pauline Mills

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 19, 1977, of Pauline Mills, Associate Professor Emeritus, in the Cooperative Extension Service.

Miss Mills was born May 28, 1908, at Brookville, Ohio. She was graduated from Brookville High School in 1928 and went on to Miami University where a Bachelor of Science in Home Economics degree was earned in 1931. She pursued postgraduate work at The Ohio State University and a Master's degree was secured at Columbia University in 1953.

Miss Mills joined the faculty of The Ohio State University as a County Extension Agent, Home Economics, in Champaign County on June 16, 1937, following six years of vocational home economics teaching experience at Tippecanoe City. Miss Mills retired from the position of County Extension Agent, Home Economics, in Champaign County on December 31, 1974, with over 37½ years of superior service.

Miss Mills was a dedicated and highly respected home economics educator for the Extension Service. She was well known and respected among her peers on the Extension faculty and served the University in a commendable fashion. Miss Mills received the Distinguished Service Award from the National Association of Extension Home Economists in 1953. She was recognized particularly as an excellent teacher and a superior organizer of continuing education programs.

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 her many friends and associates have sustained.

Karl W. Stinson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 21, 1977, of Karl W. Stinson, Professor Emeritus in the College of Engineering, Department of Mechanical Engineering.

Professor Stinson was born on June 19, 1893, in Hebron, Ohio. He graduated from The Ohio State University with the degree of B.M.E. in 1916, and during the 1916-17 year he was an Assistant in the Department of Mechanical Engineering. During 1917 he was an Instructor in the United States School of Military Aeronautics at Ohio State University and during 1918 he was at Princeton University having the rank of Second Lieutenant in the Air

April 1, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Karl W. Stinson (contd)

Service. During 1919 he worked as a Lubrication Engineer for the Firestone Tire and Rubber Company, in Akron, Ohio, leaving there in 1919 to become Assistant Chief Engineer at the Seagrave Corporation, Columbus, Ohio, where he designed heavy duty engines and pumps. In 1921, he returned to The Ohio State University as an Instructor in Mechanical Engineering. In 1924 he received the Professional Degree in Mechanical Engineering from Ohio State. He then became Assistant Professor in the Department of Mechanical Engineering in 1924, Associate Professor in 1930, and Professor in 1934. In 1963, he retired and became Professor Emeritus.

Professor Stinson's primary technical interests were in the design of machinery, and especially in the design of automotive, aircraft, and diesel engines; but he was, above all, a dedicated teacher who took great satisfaction in the successes of his students. During World War II, Professor Stinson was director of the Navy Diesel School on the Ohio State campus, and subsequently was the coordinator and supervisor of ground training for the University under the CAA War Training Service. He also served for a time as airport manager and director of the School of Aviation.

He authored the *Diesel Engineering Handbook*, was co-author of *Fuels and Combustion*, and he contributed liberally with numerous technical papers. In 1959 he was elected a Fellow in the American Society of Mechanical Engineers. Widely recognized in his field, he was active in professional societies and served on faculty and college committees, and as Faculty Adviser for student organizations.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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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**REPRINTED PUBLICATION ENTITLED - STATUTES APPLYING TO THE
UNIVERSITY, BYLAWS OF THE BOARD OF TRUSTEES, AND RULES
OF THE UNIVERSITY FACULTY**

Resolution No. 77-101

Synopsis: Acceptance of the reprinted publication of the Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty is requested.

WHEREAS the publication entitled, *Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty*, has been reprinted to conform to the changes which have been approved by the Board of Trustees since the last publication in January, 1975; and

April 1, 1977 meeting, Board of Trustees

**REPRINTED PUBLICATION ENTITLED - STATUTES APPLYING TO THE
UNIVERSITY, BYLAWS OF THE BOARD OF TRUSTEES, AND RULES
OF THE UNIVERSITY FACULTY (contd)**

WHEREAS the statutes of the Ohio Revised Code pertaining to The Ohio State University and printed in this publication have been revised to include those actions adopted by the 111th General Assembly:

NOW THEREFORE

BE IT RESOLVED, That this publication be accepted in its reprinted form as the official publication of the Board of Trustees.

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

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**WAIVER OF ARTICLE VIII, SECTION 7, OF THE
BYLAWS OF THE BOARD OF TRUSTEES**

Resolution No. 77-102

Synopsis: Request to waive Article VIII, Section 7, of the Bylaws of the Board of Trustees for the naming of the Pharmacy Building.

WHEREAS the Board of Trustees of The Ohio State University did on January 9, 1976, amend Article VIII, Section 7, of the *Bylaws of the Board of Trustees* 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 Pharmacy Building be named to honor Lloyd Parks who is presently dean of the College of Pharmacy:

NOW THEREFORE

BE IT RESOLVED, That Article VIII, Section 7, of the *Bylaws of the Board of Trustees* be waived so that the Pharmacy Building can be named for a living person.

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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NAMING OF BUILDING

Resolution No. 77-103

Synopsis: Naming of Pharmacy Building.

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in Article VIII, Section 7, of the *Bylaws of the Board of*

April 1, 1977 meeting, Board of Trustees

NAMING OF BUILDING (contd)

Trustees; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Pharmacy Building located at 500 West Twelfth Avenue, be named in honor of Lloyd M. Parks, who is widely known for his leadership in pharmaceutical education and research in pharmaceutical chemistry. Dr. Parks has served as dean of the College of Pharmacy since 1956:

NOW THEREFORE

BE IT RESOLVED, That the above described building be named Lloyd M. Parks Hall to honor Dr. Parks.

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

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PERSONNEL ACTIONS

Resolution No. 77-104

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 "Salary Roll" of the University since the March 4, 1977 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1976-1977, be approved.

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

Appointments

Name: DEVON W. MEEK
Title: Professor and Chairman
Department: Chemistry
Effective: July 1, 1977
Salary: \$35,520.00
Present Position: Professor, Department of Chemistry

Name: HSIEN C. KO
Title: Professor and Chairman
Department: Electrical Engineering
Effective: July 1, 1977
Salary: \$41,760.00
Present Position: Professor, Department of Electrical Engineering

April 1, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

E. HAN KIM, Assistant Professor, Academic Faculty of Finance, effective August 1, 1977 through June 30, 1978, to act as Visiting Associate Professor at Purdue University.

CAROL ANN SCOTT, Assistant Professor, Academic Faculty of Marketing, effective October 1, 1977 through September 30, 1978, to act as Visiting Assistant Professor at UCLA.

GEORGE C. HART, Instructor, University Libraries, effective August 22, 1977 through June 25, 1978, to accept the Council on Library Resources Advanced Study Grant at Indiana University, Bloomington, Indiana.

ALMA M. SADDAM, Instructor, Cooperative Extension Service and Department of Human Nutrition and Food Management, effective March 12, 1977 through July 17, 1977, to engage in a program of professional self-improvement at The Ohio State University.

Emeritus Titles

J. EDWARD WEAVER, Department of Athletics, with the title Director of Athletics Emeritus, effective May 1, 1977.

JOHN E. MOORE, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective May 1, 1977.

WILLIAM W. WHARTON, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective February 1, 1977.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-105

Synopsis: The report on contracts, grants, and gifts and the summary for February is 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

April 1, 1977 meeting, Board of Trustees

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

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration and The Ohio State University Development Fund during the month of February, 1977, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the above resolution was adopted by unanimous voice vote.

SUMMARY FOR FEBRUARY 1977

Source	No. of Projects	Support Level
Office of Business and Administration	17	\$ 472,113.20
The Ohio State University Research Foundation	51	3,216,153.00
		\$3,688,266.20
The Ohio State University Development Fund	3,282 Donors	352,062.02
Establishment of Named Funds:		
Mathematics Periodical Fund (Department of Mathematics)		\$ 6,810.00
H. Ward Ewalt and Jane S. Ewalt Permanent Endowment Fund (College of Optometry)		5,000.00
The Ward, Kaps and Perry Scholarship Fund (College of Law)		3,000.00

April 1, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$234,992.00 - Department of Health, Education, and Welfare, Office of Education, Occupational and Adult Education Branch, Grant and Procurement Management Division, Washington, D. C., continuation of AIM/ARM: Abstracts of Instructional and Research Materials in Vocational and Technical Education, Center for Vocational Education, March 1, 1977 through February 28, 1978. (Contract/Order No. 300-75-0141)

\$86,385.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bethesda, Maryland, recruit, select and train minority - graduation and work, School of Nursing, March 1, 1977 through February 28, 1978. (Grant No. 1 D19 NU02227-01)

\$58,678.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, Medicinal Chemistry - Training Grant, College of Pharmacy, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 GM01949-09)

\$41,564.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, Comparative Pathology - Training Grant, Department of Veterinary Pathology, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 GM01052-15)

\$10,000.00 - Small Business Administration, Washington, D. C., for providing management counseling and technical assistance to small business concerns, College of Administrative Science, July 1, 1976 through June 30, 1977. (Contract No. SBA-0676-MA-77)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Cancer Research Resources and Centers, National Cancer Institute, Bethesda, Maryland, Research Fellowship Award, Department of Chemistry, December 1, 1976 through November 30, 1977. (Fellowship No. 1 F32 CA05561-01)

TOTAL - FEDERAL CONTRACTS/GRANTS \$434,619.00

Industrial and Other Contracts/Grants

\$14,000.00 - Licking County Department of Public Welfare, Licking County, Newark, Ohio, providing educational services, Newark Campus, January 1, 1977 through June 30, 1977.

\$10,000.00 - Florida State University, Career Education Center, Tallahassee, Florida, Florida Assessment of Needs in Career Education: Pilot Study, Center for Vocational Education, February 1, 1977 through June 30, 1977.

April 1, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial and Other Contracts/Grants (contd)

\$4,800.00 - American Cancer Society, New York, New York, Clinical Fellowship, Department of Obstetrics and Gynecology, July 1, 1977 through June 30, 1978.

\$3,400.00 - Cashmere School District No. 222, Cashmere, Washington, evaluation services, Center for Vocational Education, February 1, 1977 through September 30, 1977. (Account No. 79-76-21-705-06)

\$1,383.00 - State of Indiana, Board of Vocational and Technical Education, Indianapolis, Indiana, critique of vocational education programs at Indiana State Prison and Norman Beatty Hospital, Center for Vocational Education, February 1, 1977 through February 28, 1977.

\$1,250.00 - Delano Joint Union High School District, Delano, California, review, assess and develop a proposed action plan for the implementation of career education into the Delano schools, Center for Vocational Education, December 1, 1976 through December 31, 1976.

\$750.00 - Edison Board of Education, Edison, New Jersey, Workshop in Assessment and Evaluation Instruments, Center for Vocational Education, January 13, 1977. (No. 27309)

\$675.00 - The Metropolitan Community Colleges, Kansas City, Missouri, curriculum evaluation model to be used as management tool for curriculum planning, Center for Vocational Education, January 3-4, 1977.

\$514.00 - Central Westmoreland Area Vocational Technical School, New Stanton, Pennsylvania, In-service days for work on the metric program, Center for Vocational Education, December 28-29, 1976.

\$382.25 - Madison Public Schools, Office of Purchasing Services, Madison, Wisconsin, Middle School Career Planning System and Career Exploration Cedar City Government Cluster, Center for Vocational Education, July 1, 1976 through June 30, 1977. (Account No. 642-1180.905)

\$339.95 - The Pennsylvania State University, Center for the Study of Higher Education, University Park, Pennsylvania, participation in the 1976 Annual Fall Conference on Post-secondary Occupational Education, Center for Vocational Education, October 6-7, 1976.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$37,494.20**

April 1, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$256,000.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, Environmental Education, Academic Faculty of Science-Math Education, 1 January 1975 through 31 December 1977. (Project 4093-A1 - Modification No. 4)

\$142,500.00 - National Science Foundation, Washington, D. C., A System for Complex Image Synthesis and Real-Time Display, Division of Art, 1 February 1977 through 31 January 1978. (Project 4675-A1 - New)

\$134,013.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine, 1 February 1977 through 31 January 1978. (Project 3982-A3 through E3 - Extension No. 2)

\$117,585.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., USAF-ASEE Summer Faculty Research Program, Department of Aeronautical and Astronautical Engineering, 1 January 1976 through 30 September 1977. (Project 4350-A1 - Modification No. P00002)

\$106,917.00 - Department of the Army, U. S. Army Engineer District - Buffalo, Buffalo, New York, Great Lakes Shoreline Damage Survey for the State of Ohio, Center for Lake Erie Area Research, College of Biological Sciences, 15 December 1976 through 30 September 1977. (Project 4625-A1 & B1 - New)

\$99,590.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Digital Optical Data Processor, ElectroScience Laboratory, Department of Electrical Engineering, 1 March 1977 through 28 February 1978. (Project 4673-A1 - New)

\$90,000.00 - U. S. Environmental Protection Agency, Washington, D. C., A Kinetic Study of Simulated SO₂, NO_x, RH-Polluted Atmospheres, Department of Chemistry, 1 January 1977 through 31 December 1977. (Project 4362-A2 - Modification No. 2)

\$88,773.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Diffusion Systems Having High Pressure Recovery Radial Supersonic Flow, Department of Aeronautical Engineering, 1 December 1975 through 31 December 1977. (Project 4336-A1 - Modification No. AFOSR 76-2956B)

\$81,700.00 - National Science Foundation, Washington, D. C., Selective Herbivory in Sciurus, Department of Zoology, 1 February 1977 through 31 January 1979. (Project 4653-A1 - New)

April 1, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$77,606.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Hypocholesterolemic Agents - Stereochemical Studies, College of Pharmacy, 1 February 1977 through 31 January 1978. (Project 2769-H - Extension No. 8)

\$65,000.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Adaptive Arrays for AM and FM Signals, ElectroScience Laboratory, Department of Electrical Engineering, 1 December 1976 through 30 November 1977. (Project 4618-A1 - New)

\$53,500.00 - National Science Foundation, Washington, D. C., A Unified Theory for Performance Sensitivity in Mechanism Synthesis, Department of Mechanical Engineering, 1 February 1977 through 31 January 1979. (Project 4669-A1 - New)

\$51,900.00 - National Science Foundation, Washington, D. C., Collaborative Research on the Foreign Events of Nations: Phase II, Mershon Center for Education in National Security, 1 January 1977 through 31 December 1977. (Project 4661-A1 - New)

\$50,860.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Resources Development, Bethesda, Maryland, Predictors of Successful Nursing Performance, School of Nursing, 30 June 1974 through 30 September 1977. (Project 3970-A1 - Modification No. 5)

\$49,977.00 - Department of the Air Force, Electronic Systems Division, (AFSC), Hanscom Air Force Base, Massachusetts, Radiative Transmission Line Analysis, Electro-Science Laboratory, Department of Electrical Engineering, 4 February 1977 through 3 November 1977. (Project 4659-A1 - New)

\$48,000.00 - National Science Foundation, Washington, D. C., History of Arctic Alaskan and Beringian Plant Communities, Department of Zoology, 1 February 1977 through 31 January 1979. (Project 4662-A1 - New)

\$44,732.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Surface Energies and Related Properties of B-Titanium Alloys, Department of Metallurgical Engineering, 1 January 1975 through 31 December 1977. (Project 4090-A1 - Modification No. AFOSR 75-2799B)

\$41,433.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Role of Alpha-Lactalbumin in Lactose, Department of Chemistry, 1 March 1977 through 28 February 1978. (Project 4128-A3 - Extension No. 2)

April 1, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$41,244.00 - Department of the Army, U. S. Army Research Institute for the Behavioral and Social Sciences, Arlington, Virginia, A Study of Leader Behavior in the Effective Management of Organizational Crises, Mershon Center for Education in National Security, 15 November 1976 through 14 November 1977. (Project 4617-A1 - New)

\$40,000.00 - Department of the Air Force, Electronic Systems Division, (AFSC), Hanscom Air Force Base, Massachusetts, Continuing Study of Impact of Inductive or Capacitive Reactance Loading on Circular Cylinders, ElectroScience Laboratory, Department of Electrical Engineering, 6 January 1977 through 5 January 1979. (Project 4641-A1 - New)

\$39,983.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Fundamental Studies of Dissolution and Passivity of Alloys and Compounds, Department of Metallurgical Engineering. (Project 4131-A1 - Modification No. P00003)

\$38,800.00 - National Science Foundation, Washington, D. C., McMurdo Volcanic Province, Antarctica: Surveillance of Mt. Erebus, and Geological Mapping of Mt. Morning, Institute of Polar Studies, Graduate School, 1 January 1977 through 30 October 1978. (Project 4674-A1 - New)

\$38,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division/PPMNA, Wright-Patterson Air Force Base, Ohio, Advanced Transonic Airfoil Investigation Including Wall and Scale Effects, Department of Aeronautical and Astronautical Engineering. (Project 4294-A1 - Modification No. P00003)

\$36,233.00 - 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, 1 March 1977 through 28 February 1978. (Project 4374-A2 - Extension No. 1)

\$30,126.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, A Fundamental Investigation of a Hybrid Technique for General Electromagnetic Scatterers and Antennas, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4372-A1 - Modification No. P00002)

\$27,882.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine, 1 January 1977 through 31 December 1977. (Project 1094-S - Supplement No. 1)

April 1, 1977 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 - National Endowment for the Humanities, Washington, D. C., Feasibility Study by College of Humanities and Telecommunication Center (The Verbal Ape), Department of Linguistics, 1 July 1976 through 31 December 1977. (Project 4639-A1 - New)

\$20,000.00 - National Aeronautics and Space Administration, Wallops Flight Center, Wallops Island, Virginia, Study of GEOS-C Altimeter Data in Order to Improve Existing Gravity Models, Department of Geodetic Science. (Project 3904-A1 - Modification No. S06)

\$15,900.00 - National Science Foundation, Washington, D. C., Isotopic and Geochemical Studies in the Transantarctic Mountains, Institute of Polar Studies, Graduate School, 1 December 1976 through 30 November 1977. (Project 4670-A1 - New)

\$9,990.00 - Department of the Army, U. S. Army Construction Engineering Research Laboratory, Champaign, Illinois, Development of a Methodology for Reviewing Environmental Impact Statements/Assessments, Department of Civil Engineering, 1 February 1977 through 31 December 1977. (Project 4667-A1 - New)

\$1,900.00 - National Endowment for the Humanities, Washington, D. C., A Quantitative Historical Analysis of the Visitation Register of Archbishop Eudes of Rouen, Department of History, 1 October 1976 through 30 September 1977. (Project 4588-A1 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$1,960,144.00**

State of Ohio Research Contracts/Grants

\$186,900.00 - Ohio Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio, Ohio Needs Assessment, School of Public Administration, 10 January 1977 through 31 July 1977. (Project 4660-A1 - New)

\$128,473.00 - Ohio Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics, 1 October 1976 through 30 September 1977. (Project 4100-A4 - Extension No. 3)

\$69,601.00 - Ohio Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology, 1 October 1976 through 30 September 1977. (Project 3510-A7 - Extension No. 6)

April 1, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$25,000.00 - Ohio Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Infertility, Department of Obstetrics and Gynecology, 1 October 1976 through 30 September 1977. (Project 3509-A7 - Extension No. 6)

\$11,426.00 - Ohio Department of Mental Health and Mental Retardation, Division of Mental Health, Columbus, Ohio, Vestibular Rotational Stimulation in the Treatment of Hyperactive Children, Department of Psychiatry, 15 November 1976 through 30 June 1977. (Project 4621-A1 - New)

\$2,760.00 - Ohio Department of Mental Health and Mental Retardation, Columbus, Ohio, Evaluation of Forensic Psychiatric Centers in Ohio, School of Public Administration. (Project 4045-A1 - Contract dated 21 January 1977)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$424,160.00

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

\$631,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking of Materials for Water Cooled Reactors, Department of Metallurgical Engineering, 1 January 1975 through 31 December 1977. (Project 4152-A1 - Letter dated 23 December 1976)

\$29,700.00 - Boeing Commercial Airplane Company, Seattle, Washington, High Reynolds Number Investigation of a 727 Wing Section, Department of Aeronautical and Astronautical Engineering, 18 October 1976 through 30 April 1977. (Project 4597-A1 - New)

\$27,080.00 - Arnar-Stone Laboratories, Inc., Mount Prospect, Illinois, Development of Selective α -Adrenergic Antagonist Agents, College of Pharmacy, 1 January 1977 through 31 December 1977. (Project 4658-A1 - New)

\$22,708.00 - Southwest Oncology Group, Kansas City, Kansas, Radiotherapy Participation in Southwest Oncology Group, Department of Radiology, 1 January 1977 through 31 December 1977. (Project 4560-A2 - Extension No. 1)

\$20,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Institute for Research in Vision, College of Biological Sciences, 1 July 1976 through 30 June 1977. (Project 4664-A1 - New)

\$17,287.00 - Southwest Oncology Group, Kansas City, Kansas, Southwest Oncology Group, Department of Medicine, 1 January 1977 through 31 December 1977. (Project 4247-B3 - Extension No. 2)

April 1, 1977 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)

\$15,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Department of Biophysics, 1 July 1976 through 30 June 1977. (Project 4663-A1 - New)

\$14,970.00 - The Parker B. Francis Foundation, Hanover, New Hampshire, Post-Doctoral Fellowship, Department of Physiology, 1 January 1977 through 30 June 1978. (Project 4657-A1 - New)

\$13,411.00 - Dikewood Industries, Inc., Albuquerque, New Mexico, To Prepare Portions of a GTD Handbook, Department of Electrical Engineering, 31 December 1976 through 31 December 1977. (Project 4671-A1 - New)

\$12,500.00 - Beech Aircraft Corporation, Wichita, Kansas, Two-Dimensional Transonic Tests, Department of Aeronautical and Astronautical Engineering, 17 December 1976 through 31 March 1977. (Project 4633-A1 - New)

\$9,041.00 - Burroughs-Wellcome, Research Triangle Park, North Carolina, A Method for Changing Digitoxin Therapy to Digoxin Therapy, Department of Veterinary Physiology and Pharmacology, 1 January 1977 through 28 February 1977. (Project 4656-A1 - New)

\$8,073.00 - Southwest Oncology Group, Kansas City, Kansas, Multi-disciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine, 1 January 1977 through 31 December 1977. (Project 4665-A1 - New)

\$6,079.00 - Southwest Oncology Group, Kansas City, Kansas, Southwest Oncology Group, Department of Radiology, 1 January 1977 through 31 December 1977. (Project 4247-A3 - Extension No. 2)

\$5,000.00 - The National Foundation - March of Dimes, Central Ohio Chapter, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics, 1 January 1977 through 31 December 1977. (Project 4655-A1 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS** **\$831,849.00**

March 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$34,000.00 from Wayne E. Brown Family Foundation, Upper Arlington, Ohio, for an endowed scholarship fund in Administrative Science.

\$20,000.00 from the Estate of Charles August Doan, Columbus, Ohio, as an unrestricted gift to the University.

\$13,634.80 from Delbay Pharmaceuticals, Inc., Bloomfield, New Jersey, for the Clinical Pharmacology Fund.

\$12,500.00 from Ohio Agricultural Research and Development Center, Wooster, Ohio, for the College of Agriculture and Home Economics Dean's Discretionary Fund.

\$12,000.00 from Sandoz, Inc., East Hanover, New Jersey, for the Clinical Pharmacology Fund.

\$10,000.00 from Charities Foundation, Toledo, Ohio, for a new fund, the Owens-Illinois International Fund, in the College of Administrative Science.

\$10,000.00 from Mr. Robert F. Lint, Santa Barbara, California, as an undesignated gift to the University.

\$10,000.00 from R. H. Wolfe, Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$7,500.00 from B. F. Goodrich Chemical Company, Cleveland, Ohio, for their fund for Polymer Engineering Research.

\$7,106.02 from D. J. and J. N. Knull Trust, given in the name of Dorothy J. Knull, Columbus, Ohio, for a named current use fund for systematic entomological research and curatorial work in entomology.

\$5,850.00 from American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for their fellowship fund.

\$5,400.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in Medicine.

\$5,000.00 from Central Ohio Breeding Association, Columbus, Ohio, for the Richard H. Kellogg Honors Scholarship Fund.

April 1, 1977 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 from Dow Corning Corporation, Midland, Michigan, for the Physiology of the Eye Fund.

\$5,000.00 from Ohio Quarter Horse Association, Inc., Richwood, Ohio, for Ohio Quarter Horse Finley Farm Building Project.

\$5,000.00 from PPG Industries Foundation, Pittsburgh, Pennsylvania, for the Affirmative Action Program in Engineering.

Establishment of Named Funds

The Mathematics Periodical Fund

The Mathematics Periodical Fund was established April 1, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Mathematics Department or other unsolicited contributors.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 subscribe to mathematical journals to be placed in the Mathematics Library. Unspent interest is to be added to the principal. The selection of mathematical journals is to be made by the Chairman of the Mathematics Department or by a committee to which he has delegated this responsibility.

Should the need for these mathematical journals, in the judgment of the Department of Mathematics, cease to exist or so diminish as to create unused income, then the income shall revert to the Department of Mathematics for whatever purpose it sees fit.

H. Ward Ewalt and Jane S. Ewalt Permanent Endowment Fund

The H. Ward Ewalt and Jane S. Ewalt Permanent Endowment Fund was established April 1, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Henry W. Ewalt, Pittsburgh, Pennsylvania, in honor of his parents, H. Ward Ewalt, B.S. '29, and Jane S. Ewalt, of Wexford, Pennsylvania.

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

The annual income is to be used in the field of children's vision, including but not limited to activities to improve diagnostic techniques, to refine and develop vision training and to sponsor research to improve care for children's vision. Funds are to be spent at the direction and approval of the Dean of the College of Optometry.

April 1, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

H. Ward Ewalt and Jane S. Ewalt Permanent Endowment Fund (contd)

Should the need for training and research in this field cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever, as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for optometry education.

The Ward, Kaps and Perry Scholarship Fund

The Ward, Kaps and Perry Scholarship Fund was established April 1, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from partners and associates of Ward, Kaps and Perry.

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 financial assistance to one or more students with demonstrated financial need who are enrolled in the College of Law. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the dean of the College of Law. Students who have demonstrated academic ability and have a definite need for financial assistance will be considered 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 the recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

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REPORT OF AWARD OF CONTRACTS

Resolution No. 77-106

Synopsis: Bids have been awarded for two projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures.

NOW THEREFORE

April 1, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows for each project:

UTILITY TUNNEL RENOVATION (PHASE II - Twelfth and Neil Avenues)

Description: Improvements to tunnel in the area of Twelfth and Neil Avenues due to age and deterioration.

General Contract

Date Received:	March 2, 1977
No. of Bids:	3
Low Bid:	\$106,000.00*
High Bid:	\$135,464.00*
Estimate of Cost:	\$132,344.00*
Awarded to:	The Righter Company, Inc. (Columbus, Ohio)
Total Project Cost:	\$113,483.00
Funding:	H.B. 687, Utilities and Renovation (1975-77 Biennium)

STILLMAN HALL ALTERATIONS

Description: Improvements to library and college offices.

General Contract

Date Received:	March 16, 1977
No. of Bids:	3
Low Bid:	\$16,537.00*
High Bid:	\$17,430.00*
Estimate of Cost:	\$23,226.00*
Awarded to:	George H. Moor & Sons (Columbus, Ohio)

*Recommended Alternates reflected in these figures.

April 1, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

STILLMAN HALL ALTERATIONS (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received: March 16, 1977
No. of Bids: 1
Low Bid: \$39,325.00* **
Estimate of Cost: \$38,300.00* **
Awarded to: Morris Sheet Metal (Columbus, Ohio)

Electrical Contract

Date Received: March 16, 1977
No. of Bids: 3
Low Bid: \$ 6,626.28*
High Bid: \$ 8,589.00*
Estimate of Cost: \$16,070.00*
Awarded to: J & L Electric Co. (Columbus, Ohio)

Total All Contracts: \$62,488.28

Total Project Cost: \$75,000.00

Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium)

*Recommended Alternates reflected in these figures.

**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 recommended for award as per Section 153.12 of the Ohio Revised Code.

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

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**EASEMENT - RESERVOIR ROAD, LIMA REGIONAL CAMPUS -
ALLEN COUNTY COMMISSIONERS**

Resolution No. 77-107

Synopsis: Reservoir Road Easement on the Lima Regional Campus is being proposed.

April 1, 1977 meeting, Board of Trustees

**EASEMENT - RESERVOIR ROAD, LIMA REGIONAL CAMPUS -
ALLEN COUNTY COMMISSIONERS (contd)**

WHEREAS the University through the Lima Regional Campus has received a request from the Allen County Commissioners for an easement (approximately 30 feet in width and approximately 1,860 feet in length) east on Reservoir Road from its intersection with Mumaugh Road for the purpose of shaping and aligning Lost Creek along the existing channel so as to provide for a better outlet for the construction of the proposed Reservoir Road Bridge; 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 Department of Administrative Services, Director of Public Works, 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. Smith, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**REPORT - ENERGY RELATED RESEARCH PROGRAMS AT
THE OHIO STATE UNIVERSITY: AN INVENTORY
AND THE
COMMISSION ON WOMEN AND MINORITIES**

President Enarson reported on a study which outlines this University's resources and research projects in the field of energy. He indicated that he would be recommending the institution of a program leading to a bachelor's degree in mining engineering based on a request recently received by the Regents from House Speaker Vernal Riffe asking that the Regents spearhead a drive for mining engineering education. Most courses required in this program are already being taught at this University and only a limited number of new courses would be required.

Mr. Warren Smith commented that he would urge the administration to move slowly in the field of energy research since the implementation of the programs would involve money and that his observation was that everybody was talking about getting involved but when it came to putting up money to support the programs the subject was quickly dropped.

The President commented briefly on the recent report of the Commission on Women and Minorities. Since the report was made available the preceding day, an analysis of the recommendations contained in this report had not been possible. The President suggested that this report might quite appropriately be on the agenda of the May meeting.

Mr. Smith raised a question relating to the fee structure for a part time graduate student to go on for a second master's degree.

Mr. Smith was informed that that particular fee structure was under study but that there were certain limitations on these charges relating directly to state subsidy. The President indicated, however, that he would pursue the specifics of this particular fee situation.

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April 1, 1977 meeting, Board of Trustees

MR. HARROD'S RESPONSE TO CONCERNS EXPRESSED BY MR. RICK THEIS,
PRESIDENT OF THE UNDERGRADUATE STUDENT GOVERNMENT

Mr. Harrod made the following statement:

At our last meeting Mr. Theis, President of our Undergraduate Student Government, requested that this Board respond to a number of questions which he had previously raised pertaining to the format of our Board meetings. I indicated at that time that I would respond to all such questions on this occasion. In so doing I would like to point out that these are my responses as the Chairman of this Board and that if my associates have a differing point of view I invite them to speak out. Further, each May this Board elects new officers and in the past that has occasioned some modifications in the procedures and format of our Board meetings. I would anticipate that our new chairman may wish to review these matters and make some recommendations for modifications of existing procedures and format.

With these thoughts in mind, let me now respond to the specific questions raised by Mr. Theis.

First, Mr. Theis requests a permanent spot on the agenda of each Board meeting. As indicated in Dr. Moulton's response to Mr. Theis, I believe that the present system provides an appropriate and adequate opportunity for those wishing to make a presentation before this Board to do so. The only person who has a fixed place on the agenda of this Board is the President of this University. To initiate the policy of adding representatives of the various University constituencies is to invite a greatly protracted agenda.

Next, the adequacy of the size and location of the meeting facility is questioned. Since I have been a member of this Board the size of the meeting rooms has been more than adequate except on two occasions. In the most recent instance, however, all those wishing to attend were, after some delay, accommodated. However, I cannot give assurance that everyone will always be accommodated at our Board meetings, any more than the City Council of Columbus, the State General Assembly or the Congress of the United States, for that matter, can give such assurance.

As to the question about a more central location, I would suggest that based upon our recent meeting at the Ohio Union student attendance was certainly not very significantly enhanced by the 'more central' location of our meeting. The Board has, however, expressed a desire to schedule more meetings at various locations both on our main campus as well as on our other campuses throughout the state as we are doing today. This is a matter I am certain the new chairman will want to review as our schedule for meetings for this coming year is developed.

Continuing on, I believe we had anticipated the problem raised of setting aside of a non-smoking area for these meetings. Also, we now have had an opportunity to study the sound problem and we will be initiating a new amplification system at our May Board meeting. The question of the availability of the tape recordings of these meetings was answered by Dr. Moulton; these are public records, and as such, are available to all.

April 1, 1977 meeting, Board of Trustees

MR. HARROD'S RESPONSE TO CONCERNS EXPRESSED BY MR. RICK THEIS,
PRESIDENT OF THE UNDERGRADUATE STUDENT GOVERNMENT (contd)

Mr. Harrod's statement (contd):

Mr. Theis questions the difference in the voting majority required by the Board in removing a faculty member versus the dismissal of a student, the former requiring the vote of the majority of the Board and the latter only the majority of those Board members present. I should like to remind Mr. Theis that the initiating agency for the procedure for student dismissal was the Faculty Council which was the precursor of the present University Senate. Accordingly, it would seem quite appropriate that, should Mr. Theis as a member of that body wish to pursue this matter, he do so through the University Senate.

Mr. Theis also raises some question as to the accuracy of the reporting of these meetings by our people in Public Affairs. May I suggest first of all that because of space and other considerations that much of this reporting cannot be done verbatim. Accordingly, it calls for judgment on the part of our professional staff as to what should be included. I am sure that all of us have felt on more than one occasion that we were wronged by the omission of one of our 'brilliant and timely comments' from these reports. It is a most difficult job to summarize various Board actions and this is the first instance that I am aware of where there has been a suggestion that these summaries have not been performed accurately. I would suggest that Mr. Theis might quite appropriately talk with our people in Public Affairs about such concerns if at any time in the future he feels that these summaries are inaccurate in any way.

And finally, as to the question on the feasibility of establishing a 'question and answer period' at the end of each Board meeting - as indicated by Dr. Sirak at our last meeting, those of us who are able to stay would be willing to participate in such a session on a trial basis for the next Board meeting or two. Actually, we are presently following a similar procedure on an informal basis, particularly with the news media. While this approach provides an opportunity for some of our students and general public to share in our thinking on various issues, the fact is that the forum utilized by the Board to review, discuss, and make recommendations is its two standing committees, Fiscal Affairs and Educational Affairs. And in my opinion, these discussions which are conducted in open sessions would provide a much better understanding of these various actions, and before the fact, rather than after the fact. Incidentally, I can only recall seeing one student or two at these committee meetings during the past year.

I trust I have been fully responsive to all of Mr. Theis' questions. If for any reason I have not been, I invite Mr. Theis to bring any omissions to my attention in writing at his earliest convenience, since both of our terms of office will be running out soon!

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April 1, 1977 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, May 6, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward O. Moulton
Secretary

M. Merle Harrod
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND TWENTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 6, 1977

The Board of Trustees met at its regular monthly meeting on Friday, May 6, 1977 at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: M. Merle Harrod, Chairman, John L. Gushman, Howard D. Sirak, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob and Donald J. Hilliker.

* * *

Minutes of the last meeting were approved.

* * *

May 6, 1977 meeting, Board of Trustees

MR. HARROD'S STATEMENT CONCERNING MR. DUNLAP

Mr. Harrod made the following statement:

I do want to comment on an old friend of mine and a member of this Board since this would have been his last meeting. Of course I allude to Jack Dunlap. Mr. Dunlap regrets that he is unable to be with us today because of a recent illness which put him back in the hospital briefly. I am happy to say, however, that Jack is doing well and is back home again. I am sure you will join me in wishing him a speedy recovery and in hoping that he will be able to resume his normal activities very soon. We had hoped to make a presentation to Jack today. We will attempt to do that at some future day, at which time we will thank Jack for the tremendous service to this Board and for many, many years of service to The Ohio State University. Finally I would ask that the Secretary forward to Mr. Dunlap a note to this effect.

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ELECTION OF OFFICERS

WHEREAS pursuant to Article II, Section 2, of the *Bylaws of the Board of Trustees*, the officers of the Board are to be elected at the May meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers be nominated to serve, effective May, 1977, through May, 1978, meeting:

Chairman	John L. Gushman
Vice Chairman	Howard D. Sirak
Secretary	Edward Q. Moulton
Treasurer	Ernest W. Leggett

Upon motion of Dr. Jacob, seconded by Mr. Devenow, this slate of officers for 1977-78 was approved by unanimous roll call vote.

Mr. Harrod congratulated the newly elected officers and invited comment.

Mr. Gushman:

I would like to thank the Board for this honor and, I guess, responsibility. Since I didn't campaign for the job I am in the unique position of having no promises to keep.

I will have several suggestions for changing the committee format of this Board and other organizational procedures so that we might communicate more easily

May 6, 1977 meeting, Board of Trustees

ELECTION OF OFFICERS (contd)

Mr. Gushman's statement (contd):

with the Ohio State family and outsiders who have an interest in the University. I am going to recommend that we continue our present committee structure and format this summer. This will give us a chance to talk in more depth about the opportunities for change and by fall I will have some suggestions.

Thank you very much.

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RESOLUTION IN MEMORIAM

Resolution No. 77-108

Synopsis: Resolution honoring the service of one of this University's faculty members who died.

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. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Richard C. Larkins

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 6, 1977, of Richard C. Larkins, long-time employee of the University.

Richard C. Larkins was born April 19, 1909, in East Liverpool, Ohio. He entered The Ohio State University in the fall of 1927. As an undergraduate, he distinguished himself as a scholar and as an athlete. Dick was a member of Bucket and Dipper and of Sphinx, men's junior and senior honorary fraternities. He was a member of Beta Gamma Sigma, a professional fraternity in the field of commerce. As a senior he won the Western Conference Honor Medal, for combined excellence in scholarship and in athletics. In athletics, Dick Larkins won six Varsity "O" awards, three each in football and basketball. He was honorary captain of the 1931 Ohio State basketball team. Dick Larkins graduated from The Ohio State University in 1931 with a B.S. degree in Business Administration. Following his graduation he remained at The Ohio State University as freshman football coach, a position he held for five years. In 1935 he earned a M.A. degree in Commerce. Dick left the Ohio State campus in the fall of 1935 to become head football coach at the University of Rochester.

He returned to The Ohio State University in the fall of 1937 in the teacher training program in the Department of Physical Education. He remained in this capacity until July 1, 1947, when he was named Chairman of the Department of Physical Education and Director of Athletics. As Chairman of Physical Education, Dick Larkins upgraded the department and expanded the intramural program. As Director of Athletics, he increased the number of

May 6, 1977 meeting, Board of Trustees

RESOLUTION IN MEMORIAM (contd)

Richard C. Larkins (contd)

intercollegiate sports from ten to eighteen and greatly improved the facilities through the construction of St. John Arena, French Field House, the University Ice Rink, a new baseball field, and a new locker room and training facility. Under his leadership, The Ohio State University athletic program achieved national prominence.

Dick Larkins became a national figure in athletic administration. He was a leading force in Big Ten and N.C.A.A. policy making committees. Dick was chairman of countless N.C.A.A. committees, whose purpose was to improve college athletics. He helped form the National Association of Collegiate Directors of Athletics (N.A.C.D.A.) and served as president of this organization. He received a special citation from N.A.C.D.A., symbolic of outstanding leadership and administration in collegiate athletics. Dick retired from his position as Director of Athletics in October, 1970.

His high standards of administration and his firm belief in a strong intercollegiate athletic program operated totally within the framework of the University, leaves a rich legacy for The Ohio State University.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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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THURBER COLLECTION - DRAWINGS

Resolution No. 77-109

Synopsis: Receipt of Thurber drawings received and acknowledged.

WHEREAS James Thurber was a native of Columbus, Ohio, attended The Ohio State University and is generally recognized as one of America's most distinguished writers and humorists; and

WHEREAS the Thurber Collection was officially established by the University Libraries in 1963 and a Professor of Thurber Studies was named by the University in 1971 with the intent of creating a center of Thurber studies and research at this institution; and

WHEREAS Mr. and Mrs. Allan A. Coster of Sandy Hook, Connecticut, have graciously donated to The Ohio State University eight panels of Thurber drawings from the attic walls of their residence to enrich further the excellent Thurber Collection for the use in perpetuity of students, faculty and others interested in James Thurber:

NOW THEREFORE

May 6, 1977 meeting, Board of Trustees

THURBER COLLECTION - DRAWINGS (contd)

BE IT RESOLVED, That the Board of Trustees extend its deep appreciation to Mr. and Mrs. Coster for their outstanding gift.

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

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HONORARY DEGREES

Resolution No. 77-110

Synopsis: Approval is requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 29.2727, have approved for recommendation to the Board of Trustees awarding of the honorary degrees as listed below:

Samuel Dubois Cook	Doctor of Humane Letters
Dwight M. DeLong	Doctor of Science
Richard L. Meiling	Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with this recommendation at a time convenient to the University and the recipients.

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

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DEGREES AND CERTIFICATES--SPRING QUARTER COMMENCEMENT

Resolution No. 77-111

Synopsis: Approval is being requested for awarding degrees and certificates for the June Commencement.

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees* of The Ohio State University, the Board has authority for the issuance of degrees and certificates; and

May 6, 1977 meeting, Board of Trustees

DEGREES AND CERTIFICATES--SPRING QUARTER COMMENCEMENT (contd)

WHEREAS the faculties of the colleges and schools shall transmit to the University Senate names of persons who have completed degree and certificate requirements, in accordance with Rule 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 9, 1977, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

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

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ESTABLISHMENT OF NEW DEGREE PROGRAM - MASTER OF APPLIED STATISTICS
Resolution No. 77-112

Synopsis: Approval of new degree program is being requested.

WHEREAS the Department of Statistics has proposed a new (tagged) degree program to be known as the Master of Applied Statistics; and

WHEREAS such a program would facilitate the identification of those students who have followed a practice-oriented curriculum; and

WHEREAS such a program would better serve the needs of both students and employers; and

WHEREAS such a program can be implemented with existing resources; and

WHEREAS the University Senate on April 9, 1977, approved the establishment of an academic program leading to a Master of Applied Statistics:

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate for the establishment of the degree Master of Applied Statistics be approved.

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

May 6, 1977 meeting, Board of Trustees

**ESTABLISHMENT OF NEW DEGREE PROGRAM
MASTER OF APPLIED STATISTICS (contd)**

Mrs. James: A question--I know it has been explained before, but what is a 'tagged' degree?

Dr. Kuhn: The 'tagged' degree is a terminal practitioner's degree, more an applied degree as contrasted with a Master of Arts or Master of Science which is normally conceived as a degree leading to the Ph.D. Examples of 'tagged' degrees are the degree Master of Business Administration and Master of Fine Arts. The 'tagged' degree, in this case, is the Master of Applied Statistics. This degree will prepare a person to go directly into industry, business, or government.

Mrs. James: It is a terminal degree?

Dr. Kuhn: Yes.

Mrs. James: That means that a person with an Applied Statistics degree cannot get a Ph.D. degree?

Dr. Kuhn: No, but if a person decides to go on for a Ph.D. degree he will have to take additional course work to get back on "track."

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**AMENDMENT TO RULE 13.0503 of RULES OF THE UNIVERSITY FACULTY
Resolution No. 77-113**

Synopsis: Amendment to Rule 13.0503 of Rules of the University Faculty is being proposed.

WHEREAS some form of evaluation should be made of every course offering; and

WHEREAS evaluation should include both student and faculty input; and

WHEREAS there exist many ways of evaluating courses; and

WHEREAS the department of instruction is in the best position to select the most effective methods of evaluating; and

WHEREAS the University Senate adopted the new subsection "m" which is to be added to Faculty Rule 13.0503, Section 2 to read:

- m. To promote improvement of instruction by providing for the evaluation of each course when offered, including written evaluation by students of the course and instructors, and periodic course review by the faculty.

RULES

13.0503. Chairmen of Departments, Directors of Schools.*

Section 1. There shall be a Chairman of each Department and a Director of each School, who shall be the administrative head, respectively, of the Department or School. Each Chairman and Director shall be appointed for a term of four years by the Board of Trustees upon the nomination of the President. A Chairman or Director shall be eligible for re-appointment.

In selecting a Chairman or Director, the President shall confer with the Dean of the College involved (or with the proper administrative officer or officials if no College is involved) who, in turn, will consult with the faculty of the Department or School as well as other appropriate University officials.

Section 2. The duties of the Chairman of a Department or the Director of a School shall be as follows:

- a. To have general administrative responsibility for its program, subject to the approval of the Dean of the College.
- b. 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 13.11 and marked "Pattern of Departmental Administration."
- c. 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 Provost. At the beginning of each four-year term of the Chairman of a Department or the Director of a School, the members of the Department or School and the Office of the Provost shall receive either a revision or reaffirmation of the original statement.
- d. To operate the business of the Department or School with efficiency and dispatch.
- e. To plan with the members of the staff and the Dean of the College a progressive program.
- f. To evaluate continuously the instructional and administrative processes and lead in the study of methods of improving them.
- g. To evaluate staff members periodically in accordance with criteria approved by the Board of Trustees and subject to instructions from the Provost, and also according to such supplemental criteria as may be set up by the Department or School.
- h. To recommend to the Dean of the College, after consultation in accordance with the Pattern of Departmental Administration, appointments, promotions, dismissals and matters affecting the tenure of members of the Departmental and College staff.
- i. To encourage research and educational investigations.
- j. To lead in maintaining a high level of morale.
- k. To see that adequate supervision and training are given to those members of the staff who may profit by such assistance.
- l. To prepare (after consultation with the Professors, Associate Professors, and Assistant Professors with tenure) annual budget recommendations for the consideration of the Dean of the College.
- m. To promote improvement of instruction by providing for the evaluation of each course when offered, including written evaluation by students of the course and instructors, and periodic course review by the faculty.

*Rule initiated by Board of Trustees.

May 6, 1977 meeting, Board of Trustees

AMENDMENT TO RULE 13.0503 OF RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the recommendation approved by the University Senate on April 9, 1977, be adopted.

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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AMENDMENT TO CHAPTER 53.00 OF RULES OF THE UNIVERSITY FACULTY
Resolution No. 77-114

Synopsis: Modification of Rules 53.01, 53.03, 53.05, and 53.09 and deletion of Rules 53.0701 and 53.0705 of Rules of the University Faculty is being proposed.

WHEREAS Rules in Chapter 53.00, "Activities," were last revised by the Board of Trustees on December 3, 1971; and

WHEREAS the Council on Student Affairs has recommended changes to the Vice President for Student Services in accordance with the Council's responsibility provided for in Faculty Rule 29.2709; and

WHEREAS it is the administrative intent of the Office of Student Services to have groups register with the Student Organization Finance Office only if they want to enjoy certain privileges that come with registration, and not for the purposes of official recognition by the University; and

WHEREAS it is educationally and administratively important to continue the requirement that organizations which do register have an adviser, but the requirement that the adviser be a tenured member of the faculty is too restrictive and has been waived with increasing frequency to permit student organizations to select advisers of their own choosing who have the interest and the time to actively serve as the group's adviser; and

WHEREAS the automatic restriction against participation in intercollegiate events and major activities that are associated with the disciplinary sanction "University Disciplinary Probation" are often waived; and

WHEREAS any restrictions or conditions that are part of a "University Disciplinary Probation" sanction should be individually determined and imposed at the time the sanction is decided; and

WHEREAS it is intended to establish procedures for the designated use by student organizations of any University facilities, including outdoor space; and

May 6, 1977 meeting, Board of Trustees

**AMENDMENT TO CHAPTER 53.00 OF RULES OF THE
UNIVERSITY FACULTY (contd)**

WHEREAS Rules 53.01, 53.03, and 53.05 have been modified to reflect the changes noted above and Rule 53.09 has been modified and renumbered 53.07; Rules 53.0701 and 53.0705 are deleted in the reorganization of Chapter 53.00:

NOW THEREFORE

BE IT RESOLVED, That the Rules as adopted April 9, 1977 by the University Senate, be adopted by the Board of Trustees.

Dr. Armitage:

About a year ago I found that the rules, being some twenty years old, were not clear, had excess verbiage, and made reference to agencies that no longer exist at the University. As we began to clarify these rules we found also that certain practices were in effect that needed to be put into these rules. There are three principal changes being proposed.

One, we believe it's appropriate to have someone who is not a tenured member of the faculty serve as an adviser to a University organization. If the Flying Club wants to have a non-tenured Assistant Dean serve as their adviser, we think they ought to be able to do so. Under the existing rule, that is not possible.

Two, "University Disciplinary Probation" carried with it certain penalties, one of which was that a student can't engage in any organized University activities. We found that in some cases, however, it's a good idea to have someone who has been misbehaving, for instance by breaking windows in our residence halls, to become more involved in University activities to keep that person out of further mischief.

And three, we found that in assigning space to these organizations we have problems in deciding between outdoor and indoor space since increasingly space on the Oval or next to the Unions, for example, is being requested and thus we should include outdoor space with rules applying to space assignment.

Those are the three major changes being requested and these changes should result in shortening the rules and clarification of the language as well as eliminate the existing ambiguities.

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

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**ESTABLISHMENT OF RULES GOVERNING "CORRECTIVE ACTION
FOR MEDICAL STAFF" OF UNIVERSITY HOSPITALS**

Resolution No. 77-115

Synopsis: Rules Governing "Corrective Action for Medical Staff" for University Hospitals are proposed.

May 6, 1977 meeting, Board of Trustees

RULES OF THE UNIVERSITY FACULTY

53.01. Organized Activities.

The Vice President for Student Services shall promulgate regulations governing all organized activities which are University connected and in which students or the spouses of students participate.

These regulations shall include a requirement that each registered organization shall have an Adviser, selected by the student organization from members of the University Faculty or administrative and professional staff. In accepting responsibility the Adviser agrees to maintain contact with the organization so as to be familiar with its program and personnel. In addition, the Adviser shall be responsible for advising the organization as to its program and personnel, having in mind not only the objectives of the particular group but also the purposes of the University, one of which is to foster a spirit of free inquiry in a setting which provides for open-minded, objective, and critical evaluation of the ideas expressed.

53.03. Eligibility of Students.

Section 1. The Vice President for Student Services shall promulgate regulations governing the eligibility of students for participation in all organized activities. (See Rule 53.01).

Section 2. Participation in activities as a part of regular course work shall not be construed as participation in an organized activity for the purpose of Rule 53.01 or 53.03.

53.05. Promulgation of Regulations.

Before promulgating the regulations authorized under Rules 53.01 and 53.03 and before amending such regulations after they have been promulgated, the Vice President for Student Services shall obtain the recommendation of the Council on Student Affairs. (See Rule 29.2709).

53.07. Student Use of University Facilities.

Section 1. University facilities including outdoor space assigned to a student organization shall be used only for the usual activities of such student organizations. If a student organization desires to use such facilities for purposes other than its usual activities, it shall request permission for such use from the Student Organization Finance Office.

Section 2. No student, group of students, or registered student organization may announce an activity involving the use of University facilities including outdoor space or may use such facilities for an activity, unless such use has been approved first by the Student Organization Finance Office and has been scheduled through the Office of Scheduling in accordance with Rule 61.05.

May 6, 1977 meeting, Board of Trustees

**ESTABLISHMENT OF RULES GOVERNING "CORRECTIVE ACTION
FOR MEDICAL STAFF" OF UNIVERSITY HOSPITALS (contd)**

WHEREAS the Board of Trustees of The Ohio State University recognizes the need for established Rules Governing "Corrective Action for Medical Staff" in the activities and professional conduct of members of the Medical Staff of The Ohio State University Hospitals; and

WHEREAS such rules and appellate review must conform with standards of accrediting agencies and external regulatory bodies having interest in this matter:

NOW THEREFORE

BE IT RESOLVED, That the Rules Governing "Corrective Action for Medical Staff" of The Ohio State University Hospitals are hereby recommended for adoption.

Dr. Cramblett:

The medical staff must have rules for effective governance. Since this Board is the ultimate body in the appeal mechanism, these rules need the approval of the Board of Trustees. The rules which we are suggesting meet the standards of the Joint Commission on Accreditation of Hospitals and also conform with federal standards. Further we have been apprised by University Counsel that the individual practitioner subject to these rules has been afforded due process. These rules originated with the medical staff of the University Hospitals and have been discussed and approved by all the appropriate committees and bodies of the medical staff of the University Hospitals.

Dr. Sirak:

I have gone over these rules very carefully and I have spoken with Dr. Cramblett and the people in his college and Dr. Kuhn and our legal counsel, Mr. Davis. The major object of these discussions was to insure that we had a document which not only would give due process as Dr. Cramblett just mentioned, but also to see that the rules were practical and could be used in the setting of the University Hospitals and sustain the professionalism which we must maintain. I would propose to the Board that this is a workable document - a good document - and that we've gotten it tightened up. I would like to emphasize that these rules are a separate instrument from the Rules and Bylaws of University Hospitals and they are self-standing. Accordingly, I recommend that they be adopted by this Board.

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

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May 6, 1977 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY HOSPITALS
RULES GOVERNING
"CORRECTIVE ACTION FOR MEDICAL STAFF"**

ARTICLE I – INITIAL INVESTIGATION AND ACTION

Section 1. PROCEDURE

- A. Whenever the activities or professional conduct of a member of the Medical Staff of University Hospitals violates the standards or aims of the Medical Staff or standards of professional conduct, or are considered to be disruptive to the operation of the University Hospitals or brings discredit upon the good name of the staff of the Hospitals or violates the provisions of the University Hospitals' bylaws, rules and regulations, or The Ohio State University rules and regulations, or State or Federal law, corrective action against such a medical staff member may be initiated. A request for corrective action may be initiated by a Chief of the Clinical Division (Chairperson of a Clinical Department), an officer or member of the Medical Society, the Director of Hospital Administration, the Dean of the College of Medicine, the President, or the Board of Trustees of The Ohio State University. All requests for corrective action shall be in writing, shall be submitted to the Dean of the College of Medicine, and shall be supported by reference to the specific activities or conduct which constitutes grounds for the requested action.

- B. The Dean of the College of Medicine may designate a physician member of his administrative staff to exercise any or all the duties or responsibilities assigned to him under these rules for implementing corrective action and appellate review procedure. Whenever the Dean of the College of Medicine determines the corrective action could be a reduction, suspension or revocation of clinical privileges, the Dean of the College of Medicine shall refer the allegations to the Chief of the Clinical Division (Chairperson of a Clinical Department) who shall impanel the Investigation Committee. [If the Chairperson is the practitioner charged, the Dean shall designate a physician member of his administrative staff to fulfill the functions herein specified for the Chairperson.] Simultaneously the Dean shall notify the accused practitioner of the allegation. The practitioner shall have the opportunity to interview the Chief of the Clinical Division (Chairperson of a Clinical Department) as outlined in paragraph C of this section. The Investigation Committee will investigate the allegations and shall report within two weeks, its findings and recommendations for action to the Chief of the Clinical Division (Chairperson of a Clinical Department). The Chief of the Clinical Division (Chairperson of a Clinical Department) will forward his recommendation and the findings and recommendations of the Investigation Committee to the Dean of the College of Medicine.

- C. Prior to the Chief of the Clinical Division (Chairperson of a Clinical Department) making such report to the Dean of the College of Medicine, the practitioner against whom corrective action has been requested shall have an opportunity to interview the Chief of the Clinical Division (Chairperson of a

May 6, 1977 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY HOSPITALS
RULES GOVERNING
"CORRECTIVE ACTION FOR MEDICAL STAFF" (contd)**

Clinical Department). At such interview, the practitioner shall be informed of the general nature of the charges against him and be invited to discuss, explain or refute them. Such interview shall not constitute a hearing, but shall be investigative in nature.

- D. Following receipt by the Dean of the College of Medicine of the report from the Division Chief, the Dean of the College of Medicine shall decide whether the grounds for the requested corrective action are such as could involve a reduction, suspension or revocation of clinical privileges, or a suspension or expulsion from the Medical Staff. If the Dean of the College of Medicine decides the grounds are not substantiated he will notify the practitioner that no further actions will be taken. If the Dean of the College of Medicine decides that grounds for corrective action exist, the Dean shall impanel a Grievance Committee of the Medical Staff as outlined in Section 3 of this Article. The affected practitioner shall be promptly notified by the Dean of the College of Medicine and permitted to make an appearance before the Grievance Committee of the Medical Staff. The rules of conduct of the meeting shall be as outlined in Section 3 of this Article. The Grievance Committee will forward its findings and recommendation for action to the Dean of the College of Medicine.
- E. Following receipt by the Dean of the College of Medicine of the report from the Grievance Committee, the Dean shall decide whether the grounds for the requested corrective action are such as could involve a reduction, suspension, or revocation of clinical privileges, or a suspension or expulsion from the Medical Staff. If the Dean of the College of Medicine decides the grounds are not substantiated he will notify the practitioner that no further actions will be taken. In the event the Dean of the College of Medicine finds that the grounds for the requested corrective action are substantiated he may accept, reject or modify the corrective action recommended by the Grievance Committee and notify the practitioner of his appeal rights pursuant to Article II of these rules for corrective action. This notification and an opportunity to exhaust the administrative appeal process shall occur prior to the imposition of the proposed penalties.

Section 2. COMPOSITION OF INVESTIGATION COMMITTEE

- A. At the first meeting of the clinical division during the fall quarter of the academic year the Chief of the Clinical Division (Chairperson of a Clinical Department) shall select four members of the division to serve on the Investigation Committee of the Division. Three members shall be designated permanent members and one as an alternate.
- B. The Investigation Committee, when called into session by the Chief of the Clinical Division (Chairperson of a Clinical Department) shall consist of three members of the Medical Staff. The alternate shall sit only in the event of a permanent member's inability to participate.

May 6, 1977 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY HOSPITALS
RULES GOVERNING
"CORRECTIVE ACTION FOR MEDICAL STAFF" (contd)**

Section 3. COMPOSITION OF GRIEVANCE COMMITTEE

- A. At the first meeting of the Medical Society, during the fall quarter of each academic year, the President of the Medical Society shall submit for approval by the staff the names of thirty members of the staff who shall not also be members of the Executive Committee of the Medical Staff whom he has chosen as being appropriate to sit on the Grievance Committee. Members so chosen shall be required to sit on the Grievance Committee when they are selected by lot to do so.
- B. The Grievance Committee, when called into session by the Dean of the College of Medicine, shall consist of five members of the staff whose names have been selected by lot from the 30 chosen. No person shall be eligible for selection to serve on two separate but successive Grievance Committees.
- C. Each Grievance Committee shall choose from among its number a Chairman who shall preside over it and, with the advice and consent of the Committee, speak for it during the hearing, rule on matters relevant to its proceedings, and arrange for the conduct of the Committee's administration. All of the Grievance Committee members shall be required to hear the evidence presented at any hearing. Any recommendation that involves a reduction, suspension or revocation of clinical privileges, or a suspension or expulsion from Medical Staff must be the unanimous decision of the Committee.
- D. The affected practitioner shall have the rights to submit to the Grievance Committee written evidence and memoranda relevant to the issues.

Section 4. SUMMARY SUSPENSION

- A. Notwithstanding the provisions of Section 1, any one of the following; the Dean of the College of Medicine, the Associate Dean or the appropriate Chief of a Clinical Division (Chairperson of a Clinical Department), shall each have the right, whenever action must be taken immediately in the best interest of patient care, to summarily suspend all or any portion of the privileges of a practitioner. Such summary suspension shall become effective immediately upon imposition and the practitioner will be notified in writing of the suspension.
- B. A practitioner whose privileges have been summarily suspended shall be entitled to appeal the suspension pursuant to Article II of these rules.
- C. Immediately upon the imposition of a summary suspension, the Dean of the College of Medicine, the Associate Dean, or the appropriate Chief of the Clinical Division (Chairperson of a Clinical Department), shall have authority to provide for alternative medical coverage for the patients of the suspended

May 6, 1977 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY HOSPITALS
RULES GOVERNING
"CORRECTIVE ACTION FOR MEDICAL STAFF" (contd)**

practitioner who remain in the hospital at the time of such suspension. The wishes of the patients shall be considered and the suspended practitioner shall be consulted in the selection of such alternative practitioner.

Section 5. AUTOMATIC SUSPENSION

- A. Notwithstanding the provision of Section 1 herein, a temporary suspension in the form of withdrawal of a practitioner's admitting privileges, effective until medical records are completed, may be imposed automatically by the Associate Dean after warning, in writing, of delinquency for failure to complete medical records within fifteen days of a patient's discharge.
- B. Action by the State Board of Medical or Dental Examiners revoking or suspending a practitioner's license, or placing him upon probation, will automatically impose the same restrictions to his hospital privileges.

ARTICLE II – HEARING AND APPELLATE REVIEW PROCEDURE

**Section 1. RIGHT TO HEARING BEFORE EXECUTIVE COMMITTEE
AND TO APPELLATE REVIEW**

- A. When any practitioner receives notice of a proposed action on the part of the Dean of the College of Medicine that will adversely affect his appointment or status as a member of the medical staff or his exercise of clinical privileges, he shall be entitled to a hearing before the Executive Committee of the Medical Staff. The Executive Committee will submit a written report including its recommendation to the Vice President for Medical Affairs within seven days of the conclusion of hearing evidence.
- B. All hearings and appellate reviews shall be in accordance with the procedural safeguards set forth in this Article to assure that the affected practitioner is accorded all rights to which he is entitled.

Section 2. REQUEST FOR HEARING

- A. The request for a hearing before the Executive Committee shall be submitted in writing by the affected practitioner to the Vice President who has administrative responsibility for the University Hospitals (hereafter designated the Vice President) within 14 days of notification by the Dean of his intended action.
- B. The failure of a practitioner to request a hearing before the Executive Committee to which he is entitled by these rules within the time and in the manner herein provided shall be deemed a waiver of his right to any review by the Executive Committee to which he might otherwise have been entitled on the matter. The Dean of the College of Medicine shall then implement the

**THE OHIO STATE UNIVERSITY HOSPITALS
RULES GOVERNING
"CORRECTIVE ACTION FOR MEDICAL STAFF" (contd)**

decision and that action shall become and remain effective against the practitioner in the same manner as a final decision of the Board of Trustees provided for in Section 6 of this Article. The failure of a practitioner to request an appellate review of the decision of the Executive Committee within the time and in the manner herein provided shall be deemed a waiver of his right to such appellate review on the matter. When the waiver is of an appeal from an adverse decision of the Executive Committee, those actions, if approved by the Vice President, shall become and remain effective against the practitioner in the same manner as a final decision of the Board of Trustees provided for in Section 6 of this Article. The Vice President shall promptly notify the affected practitioner of the action.

Section 3. NOTICE OF HEARING

- A. Within 14 days after receipt of a request for hearing from a practitioner entitled to the same, the Executive Committee shall schedule and arrange for such a hearing and shall, through the Dean, notify the practitioner of the time, place and date so scheduled. The hearing date shall be not less than 14 days, nor more than 30 days from the date of receipt of the request for hearing; provided, however, that a hearing for a practitioner who is under suspension which is then in effect shall be held as soon as arrangements may reasonably be made.
- B. The notice of hearing shall state in concise language the acts or omissions with which the practitioner is charged, a list of specific or representative charts being questioned, and/or the other reasons or subject matter that was considered in making the adverse recommendation or decision.

Section 4. CONDUCT OF HEARING

- A. A majority of the members of the Executive Committee shall be present to convene the hearing and a majority which has heard all the evidence must be present to deliberate and to vote. No member may vote by proxy. Neither the Dean of the College of Medicine, nor any member of his administrative staff who has been designated to carry out the duties and responsibilities of the Dean under these procedures, shall participate in any way in the proceedings or deliberations of the Executive Committee. The Executive Committee shall select a Chairman from the committee membership for the purpose of conducting the hearing.
- B. An accurate record of the hearing must be kept. The mechanism for taking the record shall be established by the Executive Committee and may be accomplished by use of a stenographer or court recorder, electronic recording

**THE OHIO STATE UNIVERSITY HOSPITALS
RULES GOVERNING
"CORRECTIVE ACTION FOR MEDICAL STAFF" (contd)**

unit, detailed transcription or by the taking of adequate minutes. This record will be available to the practitioner upon request at his cost.

- C. The personal presence of the practitioner for whom the hearing has been scheduled shall be required. A practitioner who fails without good cause to appear and proceed at such hearing shall be deemed to have waived his rights of appeal to the Executive Committee in the same manner as provided in Section 2 of this Article and to have accepted the adverse recommendation or decision involved, and the same shall thereupon become and remain in effect as provided in said Section 2.
- D. Postponement of hearings beyond the time set forth in these rules shall be made only with the approval of the Executive Committee. Granting of such postponement shall only be for good cause shown.
- E. The affected practitioner shall be entitled to be accompanied by and/or represented at the hearing by a member of the medical staff.
- F. The hearing need not be conducted strictly according to rules of law related to the examination of witnesses or presentation of evidence. Any relevant matter upon which responsible persons customarily rely in the conduct of serious affairs shall be considered, regardless of the existence of any common law or statutory rule which might make evidence inadmissible over objection in civil or criminal action. The practitioner for whom the hearing is being held shall, prior to or during the hearing, be entitled to submit memoranda concerning any issue of procedure or of fact and such memoranda shall become a part of the hearing record.
- G. The affected practitioner shall have the following rights: to be represented by an attorney at law and to call and examine witnesses, to introduce written evidence, to cross-examine any witness on any matter relevant to the issue of the hearing, to challenge any witness and to rebut any evidence. If the practitioner does not testify in his own behalf he may be called and examined as if under cross-examination.
- H. The Executive Committee may, without special notice, recess the hearing and reconvene the same for the convenience of the participants or for the purpose of obtaining new or additional evidence or consultation. Upon conclusion of the presentation of oral and written evidence, the hearing shall be closed. The Executive Committee may thereupon, at a time convenient to itself, conduct its deliberations outside the presence of the practitioner for whom the hearing was convened.
- I. Within 7 days after the conclusion of the taking of evidence in the hearing the Executive Committee shall make a written report of its findings and

**THE OHIO STATE UNIVERSITY HOSPITALS
RULES GOVERNING
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decision and shall forward the same together with the hearing record and all other documentation to the Vice President. The decision may recommend confirmation, modification, or rejection of the original adverse decision of the Dean. The Vice President shall have the authority to accept, reject or modify the decision of the Executive Committee. The Vice President shall promptly notify the affected practitioner of his action.

Section 5. APPEAL TO THE PRESIDENT OF THE UNIVERSITY

- A. Within 14 days after receipt of a notice by an affected practitioner of the action of the Vice President, he may, by written notice to the President of the University request an appellate review by the President of the University. Such notice shall request that the appellate review be held on the record on which the adverse decision is based, as supported by the practitioner's written statement provided for below.
- B. If such review is not requested within said 14 day period, the affected practitioner shall be deemed to have waived his right to the same, and to have accepted such adverse decision, and the same shall become effective immediately as provided in Section 2 of this Article.
- C. The review shall be conducted by the President of the University.
- D. The affected practitioner shall have access to the report and record, including transcription if any, of the Executive Committee and all other material, favorable or unfavorable, that was considered by the Committee and Vice President. He shall then submit a written statement in his own behalf, in which those factual and procedural matters with which he disagrees, and his reasons for such disagreement shall be specified. This written statement may cover any matters raised at any step in the procedure to which the appeal is related, and legal counsel may assist in its preparation. Such written statement shall be submitted to the President of the University at least 7 days prior to the scheduled date for the review. A similar statement may be submitted by the Executive Committee. If submitted, the Vice President shall provide a copy thereof to the practitioner at least 5 days prior to the date of such review.
- E. New or additional matters not raised during the grievance hearing or in the Executive Committee report, nor otherwise reflected in the record, shall only be introduced at the review by the President of the University under unusual circumstances, and the President of the University shall in his sole discretion determine whether such new matters shall be considered.

May 6, 1977 meeting, Board of Trustees

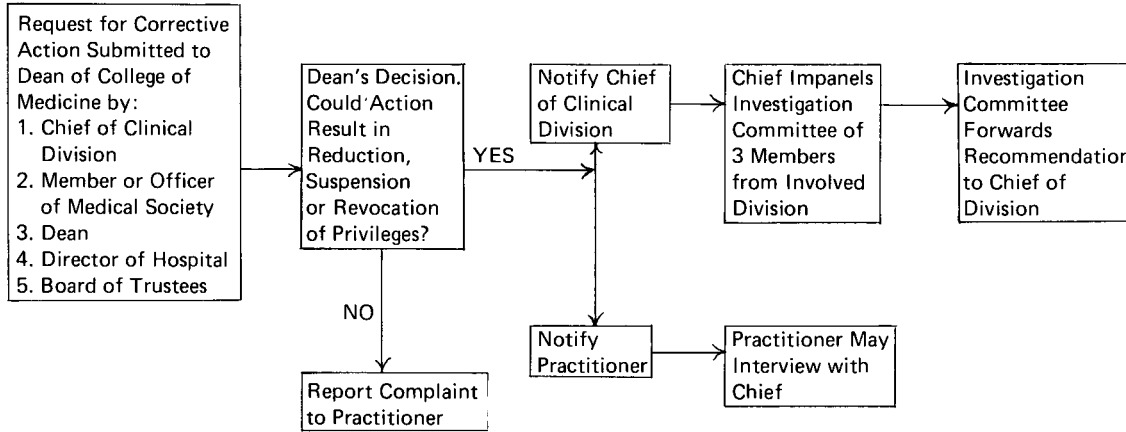
**THE OHIO STATE UNIVERSITY HOSPITALS
RULES GOVERNING
"CORRECTIVE ACTION FOR MEDICAL STAFF" (contd)**

- F. The President of the University may affirm, modify or reject any prior decision, or, in his discretion, refer the matter back to the Executive Committee of the Medical Staff for further review and recommendations within 14 days. Such referral may include a request for further hearing to resolve specified disputed issues.

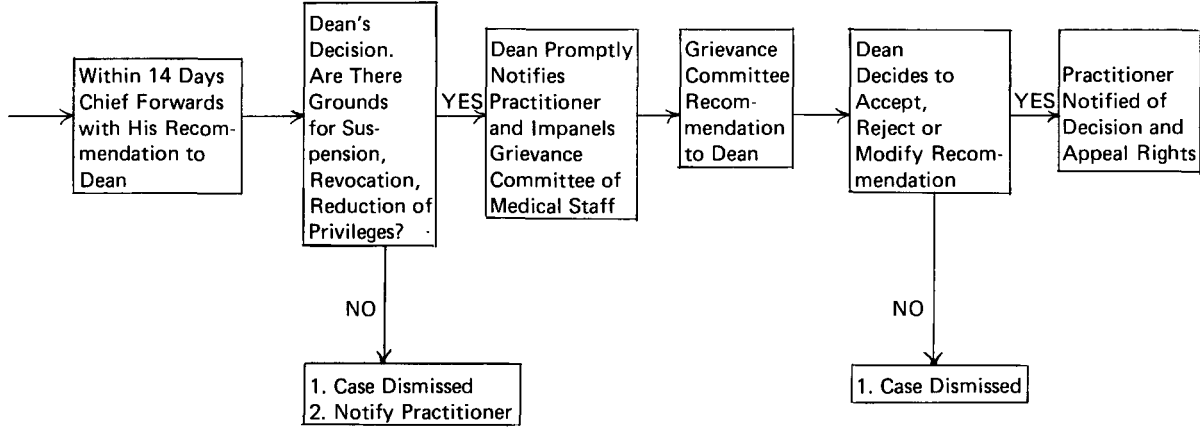
Section 6. APPEAL TO BOARD OF TRUSTEES

- A. If the affected practitioner wishes to appeal the final decision of the President of the University, he may request that the record of the proceedings of the Executive Committee's review as well as any additional information considered by the President of the University be forwarded to the Board of Trustees of The Ohio State University. The Board of Trustees, in their discretion, may accept, reject, or modify the decision of the President of the University; it may request that a record of the proceedings of the Executive Committee as well as any additional information considered by the President of the University, be forwarded to it. The Board may direct the President of the University to take specific action relating to the matter under review.
- B. The President of the University shall notify the Vice President of his action and that of the Board of Trustees, if any. Subsequent to that notification, the Vice President shall notify the affected practitioner of the action, if any, taken on his appeal.
- C. If the actions of the Executive Committee of the Medical Staff affects the practitioner's employment status on the faculty, the affected practitioner shall be afforded all rights of due process provided to the faculty in connection with faculty employment rights and privileges contained in the rules of The Ohio State University.

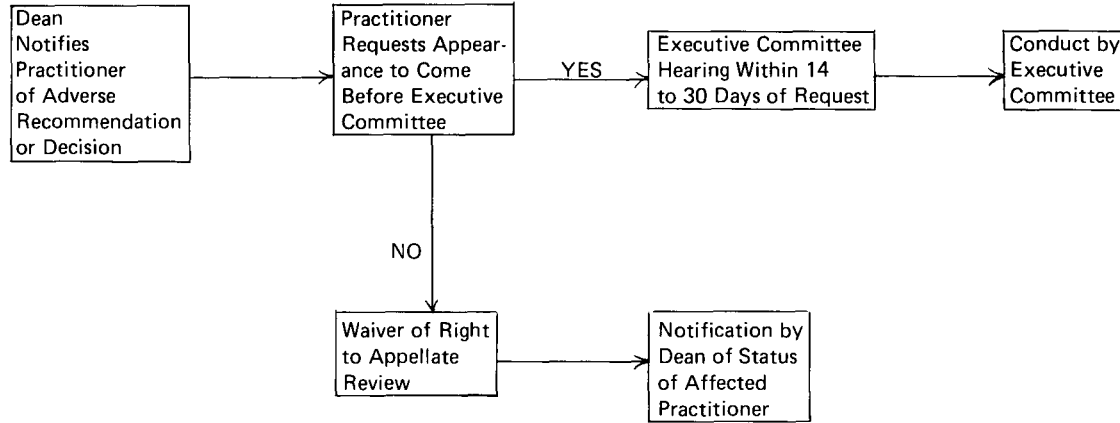
CORRECTIVE ACTION



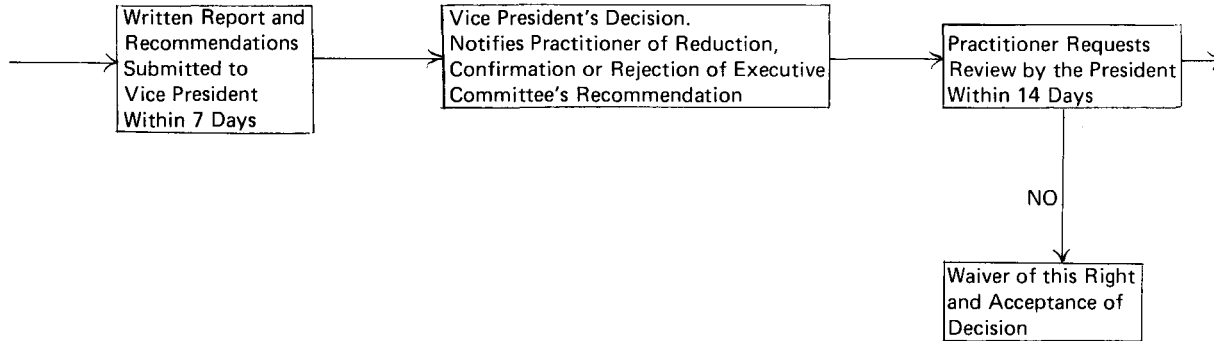
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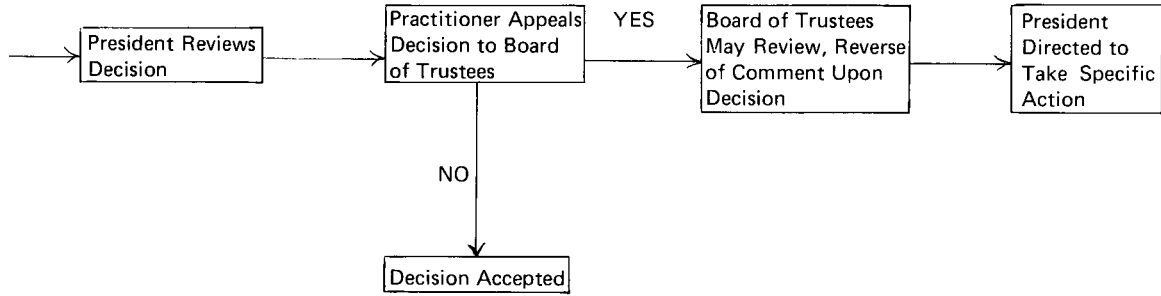
HEARING AND APPELLATE REVIEW PROCEDURE



HEARING AND APPELLATE REVIEW PROCEDURE



HEARING AND APPELLATE REVIEW PROCEDURE



PERSONNEL ACTIONS

Resolution No. 77-116

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 "Salary Roll" of the University since the April 1, 1977 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1976-1977, be approved.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution with seven affirmative votes and Mrs. James abstaining.

Appointments

Name: ALBERT H. SOLOWAY
Title: Dean and Professor
College: Pharmacy
Effective: July 1, 1977
Salary: \$41,500.00
Present Position: Dean, College of Pharmacy and Allied Health Professions, Northeastern University

Name: MARY K. BEYRER
Title: Professor and Director
School: Health, Physical Education and Recreation
Effective: July 1, 1977
Salary: \$34,200.00
Present Position: Professor, School of Health, Physical Education and Recreation

Name: DAVID P. BENSELER
Title: Associate Professor and Chairman
Department: German
Effective: October 1, 1977
Salary: \$25,080.00
Present Position: Associate Professor, Washington State University; on assignment July 1, 1976 - June 30, 1977, National Endowment for the Humanities, Washington, D. C.

Name: ANDREW H. CHEN
Title: Professor and Acting Chairman
Academic Faculty: Finance
Effective: October 1, 1977
Salary: \$27,600.00
Present Position: Professor, Academic Faculty of Finance

May 6, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: MARTIN D. KELLER
Title: Professor and Acting Chairman
Department: Preventive Medicine
Effective: July 1, 1977
Salary: \$40,920.00
Present Position: Professor, Department of Preventive Medicine

Leaves of Absence Without Salary

MELVIN N. GREENBALL, Professor, Academic Faculty of Accounting, effective October 1, 1977 through September 30, 1978, to accept a visiting appointment at San Diego State University.

ROBERT L. MILLS, Professor, Department of Physics, effective April 1, 1977 through September 30, 1977, to engage in research at University of Sussex, England.

CARTER V. FINDLEY, Assistant Professor, Department of History, effective April 1, 1977 through September 30, 1977, to conduct research and write.

LUCIAN B. GATEWOOD, Assistant Professor, Academic Faculty of Labor and Human Resources, effective April 15, 1977 through August 31, 1978, to act as Special Assistant to Assistant Secretary of Labor for Employment and Training Administration.

Emeritus Titles

HAROLD V. ELLINGSON, Department of Preventive Medicine, with the title Professor Emeritus, effective July 1, 1977.

ALBERT F. GEHRES, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1977.

JEANETTE M. ZUPANCIC, College of Social Work, with the title Assistant Professor Emeritus, effective January 1, 1977.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-117

Synopsis: The report on contracts, grants, and gifts and the summary for March is presented for Board acceptance.

May 6, 1977 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 report from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of March 1977, be approved.

Dr. Kuhn:

This report is an encouraging sign of federally sponsored research at this University, and particularly encouraging with reference to the National Science Foundation where our volume for new awards for the first eight months of this year increased about \$700,000 over a similar period last year and about a half a million dollars over the average of the previous three years. The College of Biological Sciences accounted for about \$300,000 of this increase, the College of Mathematics and Physical Sciences for about \$245,000. If our present rate of growth is sustained, we'll reach record levels in NSF support.

Mr. Harrod: Dr. Kuhn, the Department of Defense appropriation is up 64%, about 2 million dollars. Why?

Dr. Kuhn:

That is for support of our ElectroScience Laboratory. I should mention also that our College of Engineering research support is up considerably, primarily in the ElectroScience Laboratory which does research on antennas, radar and electronic devices.

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

May 6, 1977 meeting, Board of Trustees

SUMMARY FOR MARCH 1977

Source	No. of Projects	Support Level
Office of Business and Administration	12	\$ 354,560.13
The Ohio State University Research Foundation	28	988,758.00
The Engineering Experiment Station	3	54,934.00
		\$1,398,252.13
The Ohio State University Development Fund	2,152 Donors	\$ 631,378.76

Establishment of Named Funds:

The Edward Beverly Memorial Endowment Fund (College of Medicine)		\$1,000.00
Schwartz Family Fund (College of Law)		1,000.00

May 6, 1977 meeting, Board of Trustees

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

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	1975-1976	No. of Projects	1976-1977	% Change from 1975-76
		Level of Support		Level of Support	
Federal					
Student Programs	34	\$ 9,051,188.00	24	\$ 6,515,106.00	(28)
Training Grants	121	8,511,126.62	141	7,616,211.66	(11)
Total - Federal	155	\$17,562,314.62	165	\$14,131,317.66	(20)
State of Ohio	43	\$ 3,292,241.20	51	\$ 3,246,744.32	(1)
Industrial and Other	74	\$ 1,936,517.70	86	\$ 2,159,189.49	12
Totals	272	\$22,791,073.52	302	\$19,537,251.47	(14)

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

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration	14	\$ 1,023,950.00	8	\$ 166,637.00	(84)
National Aeronautics and Space Administration	20	636,243.31	22	661,346.00	4
National Science Foundation	76	2,190,375.00	92	4,103,900.00	87
Department of Defense	72	2,539,867.00	103	4,165,035.00	64
Health, Education and Welfare	151	9,903,948.00	150	10,656,261.00	8
Other Federal	52	2,969,264.50	39	3,466,551.00	17
Total - Federal	385	\$19,263,647.81	414	\$23,219,730.00	21
State of Ohio	14	\$ 348,372.30	120	\$ 592,042.00	70
Industrial, Private, and Other Non-Federal Sponsors	26	\$ 2,341,325.42	164	\$ 4,109,698.55	76
Grand Total	425	\$21,953,345.53	698	\$27,921,470.55	27

May 6, 1977 meeting, Board of Trustees

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

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	22	\$ 331,817.00	22	\$ 124,924.00	(62)
State of Ohio	25	\$ 839,352.00	18	\$ 263,549.00	(69)
Industrial and Other	422	\$1,019,763.00	384	\$ 724,400.00	(29)
Totals	469	\$2,190,932.00	424	\$1,112,873.00	(49)

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

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	1975-1976		1976-1977		% Change from 1975-76
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	33,013	\$ 776,041.76	37,769	\$ 881,911.21	14
Major Resources Group					
Deferred Gifts	44	1,424,899.15	46	1,689,955.92	19
Major Individual Gifts	714	2,804,282.03	1,082	2,418,824.76	(14)
Corporate Gifts	644	1,679,499.61	1,000	2,050,094.72	22
Foundation and Non-Profit Organization Gifts	572	2,696,364.96	766	2,345,029.65	(13)
Totals	1,974	\$8,605,045.75	2,894	\$8,503,905.05	(1)
Totals	34,987	\$9,381,087.51	40,663	\$9,385,816.26	1

May 6, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$150,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Vocational Research Study, Center for Vocational Education, February 2, 1977 through January 31, 1978. (Contract No. 400-77-0023)

\$100,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., A Review of Alternative Career Guidance Practices, Center for Vocational Education, January 3, 1977 through December 30, 1977. (Contract No. 400-77-0020)

\$4,983.13 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Health Professions Special Project Grants - Training Grant, College of Medicine, July 1, 1974 through June 30, 1975. (Grant No. 05D000209-050 PED08)

\$2,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., External Review of the Executive High School Internships Evaluation Project, Center for Vocational Education, December 1, 1976 through December 31, 1976. (Order No. NIE-P-77-0076)

\$1,500.00 - National Endowment for the Arts, Washington, D. C., Artists in Residence, College of The Arts, Spring 1976. (Grant No. R70-41-197C)

TOTAL - FEDERAL CONTRACTS/GRANTS \$258,483.13

State of Ohio Contract/Grant

\$840.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Soil and Water Conservation and Agricultural Pollution Abatement, Department of Agronomy, April 1, 1977 through June 30, 1978.

Industrial and Other Contracts/Grants

\$45,159.00 - Central Ohio Rural Consortium, Licking County, Newark, Ohio, for services under Title II of the Comprehensive Employment and Training Act (CETA) of 1973, Newark Regional Campus, February 1, 1977 through May 31, 1977. (Modification No. 003)

\$23,764.00 - Delano Joint Unified High School District, Delano, California, Leadership Development in Career Education, Center for Vocational Education, April 1, 1977 through June 30, 1977.

\$10,000.00 - Central Ohio Lung Association, Columbus, Ohio, School Health Education Curriculum Project Institute, School of Health, Physical Education, and Recreation, June 1, 1977 through August 30, 1977.

May 6, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial and Other Contracts/Grants (contd)

\$7,090.00 - Federal Republic of Brazil through Michigan State University, East Lansing, Michigan, Collaboration with Michigan State University in the development of Graduate Education in Agriculture in Brazil, International Programs in Agriculture, College of Agriculture and Home Economics, March 1, 1977 through April 3, 1977.

\$6,779.00 - Federal Republic of Brazil through Michigan State University, East Lansing, Michigan, Collaboration with Michigan State University in the Development of Graduate Education in Agriculture in Brazil, International Programs in Agriculture, College of Agriculture and Home Economics, March 1, 1977 through April 3, 1977.

\$2,445.00 - Jonathan Alder Local School District, Plain City, Ohio, Comprehensive Educational Facilities Study, Academic Faculty of Educational Administration, March 1977 through June 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$95,237.00

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$90,000.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, A Synergistic Investigation of the Infrared Water Vapor Continuum, ElectroScience Laboratory, Department of Electrical Engineering, 1 April 1977 through 31 March 1979. (Project 4701-A1 - New)

\$68,700.00 - National Science Foundation, Washington, D. C., Electromagnetic Scattering Properties of Hydrometeors and their Application to Radar Meteorology, Department of Electrical Engineering, 1 February 1977 through 31 January 1978. (Project 4689-A1 - New)

\$59,800.00 - National Science Foundation, Washington, D. C., Acquisition of Microscope-Microprobe Research Instrument, Department of Metallurgical Engineering, 1 April 1977 through 30 September 1978. (Project 4697-A1 - New)

\$56,900.00 - National Science Foundation, Washington, D. C., Natural Convection in Cylindrical Thermal Solar Collectors, Department of Mechanical Engineering, 1 April 1977 through 31 March 1979. (Project 4672-A1 - New)

\$54,700.00 - National Science Foundation, Washington, D. C., Mediated Electron Transfers and Derivatized Electrode Surfaces, Department of Chemistry, 1 March 1977 through 28 February 1978. (Project 4694-A1 - New)

\$50,000.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Conduct a Study of Radar Target Identification by the Multiple-Frequency Resonance and Time Domain Pole Method, ElectroScience Laboratory, Department of Electrical Engineering, 1 March 1977 through 30 September 1978. (Project 4677-A1 - New)

May 6, 1977 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 Navy, Naval Air Systems Command, Washington, D. C., Research on Near Field Pattern Effects, ElectroScience Laboratory, Department of Electrical Engineering, 15 March 1977 through 14 June 1978. (Project 4685-A1 - New)

\$48,938.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of a Design Handbook on Stress Corrosion Cracking, Department of Metallurgical Engineering, 15 December 1974 through 31 October 1977. (Project 4119-A1 - Modification No. P00002)

\$46,407.00 - National Endowment for the Humanities, Washington, D. C., Modern Russian Literary Criticism in Theory and Practice, Department of Slavic Languages and Literatures, 1 January 1977 through 30 September 1977. (Project 4681-A1 - New)

\$40,183.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation, and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering, 1 April 1973 through 31 March 1978. (Project 3641-A1 - Modification No. 73-2511D)

\$35,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, OSU Participation in the CTS Communications Link Characterization Experiment; Scintillation Measurements During the Return of ATS-6, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4299-A1 - Modification No. 7)

\$34,900.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry, 1 March 1976 through 28 February 1978. (Project 4375-A1 - Letter dated 4 March 1977)

\$33,016.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Intracellular PH and Myocardial Electropharmacology, Department of Pharmacology, 1 March 1977 through 28 February 1978. (Project 4683-A1 - New)

\$22,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Compressible Airfoil Design Methodology, Department of Aeronautical and Astronautical Engineering, 1 April 1977 through 31 October 1977. (Project 4682-A1 - New)

\$18,000.00 - 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, 1 March 1977 through 1 March 1980. (Project 4676-A1 - New)

May 6, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,000.00 - National Science Foundation, Washington, D. C., Thirty-Second and Thirty-Third Symposia on Molecular Spectroscopy, Department of Physics, 1 March 1977. (Project 4690-A1 - New)

\$16,000.00 - National Science Foundation, Washington, D. C., Palynology and Palynostratigraphic Zonation of the Beacon Supergroup, Transantarctic Mountains, Antarctica, Institute of Polar Studies, 15 January 1977 through 31 January 1978. (Project 4678-A1 - New)

\$14,500.00 - National Science Foundation, Washington, D. C., Collaborative Research on Soil and Soil Organic Characteristics of Selected Arctic Tundra Environments, Institute of Polar Studies, 1 January 1977 through 31 December 1977. (Project 4684-A1 - New)

\$13,775.00 - Environmental Protection Agency, Washington, D. C., Dissolved Oxygen Measurements in Ohio Streams During Urban Run-off, Department of Civil Engineering, 28 March 1977 through 27 July 1977. (Project 4695-A1 - New)

\$5,200.00 - National Science Foundation, Washington, D. C., Pander Society Symposium on Carboniferous Condodonts, Department of Geology and Mineralogy, 15 February 1977 through 31 July 1977. (Project 4693-A1 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$775,019.00**

State of Ohio Research Contracts/Grants

\$30,000.00 - Ohio Energy and Resource Development Agency, Columbus, Ohio, The Ohio State University Solar Energy Recovery Research Program, Department of Mechanical Engineering, 1 January 1977 through 31 December 1977. (Project 4679-A1 - New)

\$25,372.00 - Ohio Advisory Council for Vocational Education, Columbus, Ohio, A Manpower Planning and Forecasting Model for Ohio's Economy: State I Analysis, Center for Human Resource Research, Academic Faculty of Labor and Human Resources, 15 March 1977 through 15 September 1977. (Project 4680-A1 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$55,372.00**

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

\$98,329.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine, 1 January 1977 through 31 August 1977. (Project 4638-A1 - New)

May 6, 1977 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)

\$26,960.00 - Warren-Teed Pharmaceuticals, Inc., Horsham, Pennsylvania, A Study of Exocrine Pancreatic Function, Department of Medicine, 1 March 1977 through 28 February 1979. (Project 4687-A1 - New)

\$12,000.00 - The Arthritis Foundation, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine, 1 January 1977 through 31 December 1977. (Project 4668-A1 - New)

\$9,958.00 - Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response, Department of Medicine, (Project 3706-A1 - Letter dated 26 January 1977)

\$6,000.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy, 1 September 1976 through 30 September 1977. (Project 4691-A1 - New)

\$5,120.00 - University of Oklahoma, Norman, Oklahoma, Development Center for the Preparation of Supplemental Instructional Units Based on Current Crustal Research for Use in Grades 8-10, Academic Faculty of Science-Mathematics Education. (Project 4593-A1 - Letter dated 4 March 1977)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$158,367.00**

ENGINEERING EXPERIMENT STATION

State Research Contract

\$9,934.00 - Ohio Energy and Resource Development Agency, Columbus, Ohio, A Historical Perspective of Ohio's Energy Trends, Department of Mechanical Engineering, February 21, 1977 through April 8, 1977. (EES 562)

Industrial and Other Research Contracts

\$25,000.00 - Electric Power Research Institute, Palo Alto, California, Model Study of ES Effects in Substations, Department of Electrical Engineering, January 1, 1977 through July 31, 1977. (EES 533, Extension No. 1)

\$20,000.00 - American Iron and Steel Institute, Washington, D. C., Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1976 through April 30, 1977. (EES 307, Extension No. 11)

TOTAL INDUSTRIAL AND OTHER RESEARCH CONTRACTS **\$45,000.00**

May 6, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$222,760.00 from Trust Under the Will of Edna A. Stone, Buffalo, New York, for the Julius F. Stone Fund for Medical Research.

\$25,841.87 from Systems Associates, Columbus, Ohio--\$25,357.88 for the Department of Medicine General Fund and \$483.99 for the Cardiology Support Fund.

\$22,108.00 from Louise Orr Scott Foundation, Columbus, Ohio--\$5,527.00 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy and \$16,581.00 for the William Craig Orr and Mary Black Orr Scholarship in Medicine.

\$19,449.35 from Consolidated Business Services, Inc., for the Department of Medicine General Fund.

\$15,000.00 from Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, (given in the name of M. Riklis), for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$13,031.66 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship in the College of Engineering.

\$12,500.00 from Mr. John D. Kraus, Delaware, Ohio, for the Radio Telescope Research Fund in the College of Engineering.

\$10,000.00 from The F. & R. Lazarus & Co., Columbus, Ohio, for the Robert Lazarus Student Loan Fund.

\$9,728.70 from The University Obstetricians & Gynecologists, (given in the names of John G. Boutselis, William E. Copeland, Garth F. Essig, Moon H. Kim, Sergio Perticucci, Nicholas J. Teteris, James Hutchison Williams and Frederick Zuspan), for the EPR-OBS Fund in the College of Medicine.

\$9,018.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$9,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Clinical Pharmacology of Dobutamine - Eli Lilly Company Fund in the College of Medicine.

\$8,544.67 from D. J. and J. N. Knull Trust, Columbus, Ohio, for the D. J. and J. N. Knull Fund in the College of Biological Sciences.

May 6, 1977 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)

\$8,052.00 from Dade Division, American Hospital Supply Corporation, Miami, Florida, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$8,000.00 from Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund in the College of Agriculture and Home Economics.

\$7,056.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$5,850.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund in the College of Medicine.

\$5,365.99 from Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$5,000.00 from Mrs. Frances J. Barden, Columbus, Ohio, for establishment of the Professor R. D. Barden Scholarship Fund in the College of Agriculture and Home Economics.

\$5,000.00 from Battelle Memorial Institute, Columbus, Ohio, to Friends of WOSU for assistance for the broadcasts of the Boston Symphony over WOSU AM and FM.

\$5,000.00 from The DeKalb Foundation, DeKalb, Illinois, for the Carl C. Conway Scholarship Foundation Fund in the College of Agriculture and Home Economics.

\$5,000.00 from Embassy of Greece, Washington, D. C., for the Modern Greek Studies Fund in the College of Humanities.

\$5,000.00 from PPG Industries Foundation, Pittsburgh, Pennsylvania, for the Department of Mechanical Engineering Support Fund.

\$5,000.00 from Dr. Sidney L. Pressey, Columbus, Ohio, for the University Honors Fund.

\$5,000.00 from Trust Under the Account of Alice Pressey, Columbus, Ohio, (given in the name of Sidney L. Pressey), for the University Honors Fund.

\$5,000.00 from The Southgate Shopping Center Corporation, Newark, Ohio, (given in the name of Mr. and Mrs. John J. O'Neill), for The John J. and Elizabeth O'Neill Scholarship Fund on the Newark Campus.

May 6, 1977 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 from The Upjohn Company, Kalamazoo, Michigan, for The Upjohn Company - Magnus Fund in the College of Mathematics and Physical Sciences.

\$5,000.00 from Weyerhaeuser Company Foundation, Tacoma, Washington, for the College of Biological Sciences Colloquium.

Establishment of Named Funds

The Edward Beverly Memorial Endowment Fund

The Edward Beverly Memorial Endowment Fund was established May 6, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Katherine B. Beverly, B.S.Bus.Adm. '28, in memory of her late husband, Edward Beverly.

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

The annual income is to be used for the benefit of the College of Medicine. All requisitions for funds must 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 medical education.

Schwartz Family Fund

The Schwartz Family Fund was established May 6, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Stanley Schwartz, Sr., Cert. Law '14, Miami Beach, Florida, Stanley Schwartz, Jr., B.A. '42, J.D. '47, Columbus, Ohio, and Robert S. Schwartz, J.D. '75, New York, New York, and other family members 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, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide support for scholarly publications by the faculty of the College of Law, for research assistance to students enrolled in the College of Law, travel allowances, printing, copying, statistical and computer research of legal materials, and

May 6, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Schwartz Family Fund (contd)

similar activities. Requests for expenditures of the fund will be initiated and approved by the dean of the College of Law. The dean may seek advice from donors as to the merits of any request for expenditures.

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 Law as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College.

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PLANS AND SPECIFICATIONS

Resolution No. 77-118

Synopsis: Plans and specifications have been completed for the following two projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

PARKING LOT EXPANSION, VIVIAN HALL AND SISSON HALL

Project: Expansion of parking lot at Vivian Hall by the addition of approximately 142 spaces, and the expansion of the parking lot at Sisson Hall by the addition of approximately 200 spaces.

Funding: Parking Income, Budget Account 125092

Estimated Project Cost: \$171,000

PARKING LOT REPAIRS, WEST STADIUM

Project: Restoration of deteriorated pavement.

Funding: Parking Income, Budget Account 125092

Estimated Project Cost: \$89,100

May 6, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure: and that this action be reported at a later meeting.

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

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REPORT OF AWARD OF CONTRACTS

Resolution No. 77-119

Synopsis: Bids have been awarded for five projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees of previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, and expenditures of project funds are being reported as follows for each project:

HAYES HALL RENOVATION

Description: Complete renovation and modernization of a structurally sound, historically significant building on The Ohio State University Campus. Also included will be the installation of a new elevator for the handicapped.

May 6, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

HAYES HALL RENOVATION (contd)

General Contract

Date Received: April 15, 1977, Rebid
No. of Bids: 5
Low Bid: \$829,097.00* **
High Bid: \$881,750.00*
Estimate of Cost: \$828,834.00*
Awarded to: Henry A. Justus, Inc. (Columbus, Ohio)

Plumbing Contract

Date Received: March 3, 1977
No. of Bids: 4
Low Bid: \$122,400.00
High Bid: \$175,000.00
Estimate of Cost: \$130,920.00
Awarded to: Systems-Mechanical Contractors (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received: April 15, 1977, Rebid
No. of Bids: 6
Low Bid: \$359,500.00
High Bid: \$398,000.00
Estimate of Cost: \$385,000.00
Awarded to: Kirk Williams Company (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

** General 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 recommended for award as provided by Section 153.12 of the Revised Code.

May 6, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

HAYES HALL RENOVATION (contd)

Electrical Contract

Date Received: March 3, 1977
No. of Bids: 10
Low Bid: \$ 229,786.00*
High Bid: \$ 298,984.00
Estimate of Cost: \$ 221,165.00
Awarded to: Electric Power Equipment (Columbus, Ohio)
Total All Contracts: \$1,540,783.00
Total Project Cost: \$1,839,578.00
Funding: \$1,750,000.00, H.B. 687, Utilities and Renovation, 1975-77 Biennium and \$89,578.00, Rehabilitation Services Commission Grant

TEMPORARY VETERINARY CLINIC REMODELING

Description: Remodel space for the Transportation Department

General Contract

Date Received: April 6, 1977
No. of Bids: 5
Low Bid: \$112,670.00**
High Bid: \$139,150.00**
Estimate of Cost: \$140,155.00**
Awarded to: M & P Construction Company, Inc. (Columbus, Ohio)

*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 recommended for award as provided by Section 153.12 of the Revised Code.

**Recommended Alternates reflected in these figures.

May 6, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

TEMPORARY VETERINARY CLINIC REMODELING (contd)

Plumbing Contract

Date Received: April 6, 1977
No. of Bids: 6
Low Bid: \$ 17,800.00*
High Bid: \$ 32,100.00*
Estimate of Cost: \$ 18,268.00*
Awarded to: A-1 Plumbing and Heating, Inc. (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received: April 6, 1977
No. of Bids: 6
Low Bid: \$ 51,700.00* **
High Bid: \$ 63,000.00*
Estimate of Cost: \$ 49,532.00* **
Awarded to: Farber Corporation (Columbus, Ohio)

Electrical Contract

Date Received: April 6, 1977
No. of Bids: 8
Low Bid: \$ 58,065.00* ** ***
High Bid: \$ 79,343.00*
Estimate of Cost: \$ 51,159.00*
Awarded to: Jess Howard Electric Company (Blacklick, Ohio)

* Recommended Alternates reflected in these figures.

**The Heating, Ventilating, and Air Conditioning Contract and the Electrical Contract are in excess of the filed estimates of cost; however, the total price of all contracts is within the total estimates of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

***The low bidder for the electrical contract work withdrew their bid as permitted by Section 9.31 of the Revised Code due to a clerical error.

May 6, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

TEMPORARY VETERINARY CLINIC REMODELING (contd)

Total All Contracts: \$240,235.00*
Total Project Cost: \$275,000.00
Funding: H.B. 687 (Utilities and Renovation) 1975-77 Biennium and
 Local Funds

*Recommended Alternates reflected in these figures.

OHIO STADIUM REPAIRS 1977

Description: Replacement of deteriorated concrete and repairs to and water-
 proofing of surfaces on "C" Deck.

General Contract

Date Received: April 5, 1977
No. of Bids: 3
Low Bid: \$218,010.00*
High Bid: \$244,250.00*
Estimate of Cost: \$241,500.00*
Awarded to: Industrial First (Cleveland, Ohio)

Plumbing Contract

Date Received: April 5, 1977
No. of Bids: 1
Low Bid: \$ 6,600.00*
Estimate of Cost: \$ 18,000.00*
Awarded to: Farber Corporation (Columbus, Ohio)

Total All Contracts: \$224,610.00*
Funding: Budget Account 999000 (Athletic Revenues)

*Recommended Alternates reflected in these figures.

May 6, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

ELECTRICAL SYSTEM EXPANSION AND TELEPHONE DUCTS--PHASE III

Description: Install conduits for electric and telephone distribution systems through existing pedestrian bridge over the Olentangy River. Completion will connect systems that presently exist on each side of the river.

General Contract

Date Received: April 19, 1977

No. of Bids: 3

Low Bid: \$ 63,229.00*

High Bid: \$164,740.00*

Estimate of Cost: \$ 97,000.00*

Awarded to: Jess Howard Electric Company (Blacklick, Ohio)

Total Project Cost: \$ 65,000.00

Funding: H.B. 687, Utilities and Renovation - 1975-77 Biennium

* Recommended Alternates reflected in these figures.

HAMILTON HALL ELECTRICAL PHASE II

Description: The project work will extend electric feeder ducts throughout the building and provide power panels suitable for connection of existing and future loads.

This is a revised report of the award for the General Contract work on this project. The Department of Administrative Services, Division of Public Works, was unable to award the General Contract within the sixty-day period required by the contract documents; therefore, the general contractor withdrew his bid, and the General Contract work was rebid on April 1, 1977. The original bids received on December 3, 1976, were reported to the Board of Trustees at their meeting of February 4, 1977.

May 6, 1977 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

HAMILTON HALL ELECTRICAL PHASE II (contd)

General Contract

Date Received: Rebid - April 1, 1977

No. of Bids: 2

Low Bid: \$55,675.00*

High Bid: \$58,530.00*

Estimate of Cost: \$65,018.00*

Awarded to: Lincoln Construction Company (Columbus, Ohio)

Funding: H.B. 687, Utilities and Renovation - 1975-77 Biennium

*Recommended Alternates reflected in these figures.

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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**REPORT - WILLIAM M. MERCER, INC., EVALUATION OF QUOTATIONS
ON LIFE AND HEALTH INSURANCE COVERAGES**

Resolution No. 77-120

Synopsis: Renewal of Group Life, Accidental Death and Dismemberment, Basic Hospitalization, Surgical-Medical and Major Medical Insurance is recommended.

WHEREAS the University has invited and received quotations on the life and health insurance coverages for faculty, staff and their dependents; and

WHEREAS quotations were opened and publicly read on February 15, 1977; and

WHEREAS in accordance with the authorization of the Board of Trustees, the William M. Mercer, Inc., organization was employed to evaluate the various underwriter quotations and to report on their findings, conclusions and recommendations; and

WHEREAS the appropriate administrative offices of the University have reviewed the findings and conclusions detailed in the Mercer report and have concluded that the present underwriters of the group life and health insurance coverages should be retained:

May 6, 1977 meeting, Board of Trustees

**REPORT - WILLIAM M. MERCER, INC., EVALUATION OF QUOTATIONS
ON LIFE AND HEALTH INSURANCE COVERAGES (contd)**

NOW THEREFORE

BE IT RESOLVED, That for the insured faculty and staff members of The Ohio State University, Blue Cross of Central Ohio be designated as underwriter for the Basic Hospitalization coverages at an estimated annual premium of \$4,633,992; and that the John Hancock Mutual Life Insurance Company be designated as underwriter for the Life, Accidental Death and Dismemberment, Surgical-Medical and Major Medical Insurance coverages at an estimated annual premium of \$4,389,225 (\$161,129 of which would be paid by the Ohio Agricultural Research and Development Center for their participation in the program); and

BE IT FURTHER RESOLVED, That the coverages, premiums and the performance of the carriers be reviewed annually with the insurance contracts remaining in force until the Board of Trustees deems it appropriate to seek new bids for the insurance benefit programs.

Upon motion of Mr. Devenow, 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. 77-121

RESOLVED, that the report on the University's Investment Portfolio dated May 5, 1977, 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 - FISCAL AFFAIRS COMMITTEE

Mr. Devenow reported on the morning Fiscal Affairs Committee meeting:

Mr. Chairman, in response to a request by you that the Fiscal Affairs Committee provide time at its meeting this morning to hear from Students Against Apartheid, the Committee had a full discussion with members of that group who made recommendations to the Committee to the effect that we divest the University portfolio of stocks in certain corporations which they feel are instrumental in supporting and perpetuating the governments in Rhodesia and other South African countries. We responded fully to all their questions. It was a lively discussion. We told the group that we would take the matter under advisement, get more information, make some studies, and then recommend a position on this matter to the total Board. That, Mr. Chairman, is my report.

May 6, 1977 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

Mr. Harrod:

I congratulate you, Mr. Devenow, on a fine meeting this morning; about two or three hours of it. Any further discussion on this matter? We'll hear from you later on this subject. Thank you.

REPORT - PRESIDENT ENARSON

President Enarson:

Mr. Chairman, I have singled out several items I'd like to report to the Board on at this time. I am pleased to report that the Ohio Energy Resource Development Agency (ERDA) has designated Ohio State University to operate an energy extension service for Ohio. What this means briefly, is that we must now submit a proposal to the federal ERDA for federal funding. This will involve research and public service in energy conservation and resource development. As I understand it, the federal legislation authorizes the establishment of pilot programs in ten states. There's been fairly heated discussion around the state and within the Board Room of the Board of Regents on how the skills, energies, and competencies of faculty members in the twelve state-assisted universities and indeed in the major private universities could be best utilized. We argued that The Ohio State University as the major research university for the state of Ohio, as a land-grant university, and the only institution with over a half a century experience in Cooperative Extension work clearly had to be some kind of a lead role. My colleagues and I always added quickly we do not intend this to be a monopoly role. What we will be trying to do is to put together some kind of an organizational structure in which OSU has primary responsibility, but in which the skills and energies of other universities will be utilized. I think if we can knit together a sensible program that promises honest cooperation we would have an excellent chance of being one of the 'winners.' If on the other hand, we rip each other apart in the fashion of the Greek City-States, or if we cannibalize one another as we are prone to do in this state, then I think once again Ohio would be passed by for federal dollars and federal opportunity. Enough on that.

I'll talk very briefly to the matter of the higher education budget. As you all know, the House of Representatives of the State of Ohio has approved a finance appropriation measure. That measure has gone to the Senate for consideration. We had every reason to believe that the instructional subsidy line would hold. We and the spokesman for the other universities of the state have recited so many times our great need to have the instructional subsidy line left untouched. I suppose we had finally concluded that, given the overall political climate of the state, and the decision to impose no new taxes of any kind no matter what expression of need was made by any group, at any time on any cause, that we'd be lucky to get what came out of the early recommendation. Cuts have been made. We regard those cuts as serious. We have initiated the process of involving alumni of The Ohio State University in an attempt to deal more directly and in a more personal way with the alumni of this great University. If I may, I would like to simply distribute copies of the May Alumni Monthly which are 'hot off the press.' We

May 6, 1977 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON (contd)

discussed this whole budget crunch with Dan Heinlen, the Director of the Association, and he volunteered to devote a sizeable portion of the May magazine to the budget matter. You will see a rather attractive but poignant picture here - 'Your Help Is Needed Now' - with the Statehouse flag flying in the background - 'OSU Budget Faces Another Cut.' We have completed, and have at the printer's, a brochure which we'll send out to alumni. We hope that the affection and dedication which the alumni of this great University have for their alma mater will be carried over into this very real and very serious issue.

The third item I would like to report on is where we stand with respect to the report of the Commission on Women and Minorities. I trust it is not forgotten that this report did not come from 'outer space.' This Commission was established on the initiative of the President of the University a year and a half ago. The Commission has worked long and hard to submit, as they now have, a three-volume report. We have taken a number of initiatives to date, and as recently as this noon the Board of Trustees spent an hour and a half with the Steering Committee at the Steering Committee's request, to review some of the initiatives that had been taken and should be taken. We sent to the affected administrators of this University each one of the 96 recommendations and we are now beginning to get responses. We have also invited the Commission to meet with the President's Staff and the Steering Committee. The earliest the Committee on Women and Minorities could do that is Saturday, May 28. I have cleared my calendar for that meeting. I hope to meet first alone with the members of the Commission and let them express to me individually and collectively any judgment, any viewpoint, any mandate, any suggestion they wish. I then propose that we move into a two or three-hour session with the others in which we have a fully frank and candid discussion. I think it's quite obvious, I guess it isn't obvious or I wouldn't be saying it here - it is not at all obvious that the problems of affirmative action are not the sole responsibility of the incumbent President of The Ohio State University. What the report calls for on practically every page is the substantial change in the attitude of governed behavior at every level of the enterprise, so it's entirely appropriate that somehow issues which have long been submerged we have at long last brought out in full discussion. My own hunch is that there is strong opposition to some of the key provisions of this report. Yet, nobody anywhere has said anything publicly to suggest that this is true. I'm extremely pleased that the Steering Committee of the University Senate has taken it upon itself to see that the Senate monitors and reviews this report and to see that the key proposals are moved into appropriate arenas for full discussion.

I would simply conclude this report by thanking you, Merle Harrod, for your time and thought and effort and counsel this year. I would express my intention and desire to work with the new officers and I would once again declare my faith that if we work together on major problems we can create a better University.

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May 6, 1977 meeting, Board of Trustees

SPEAKERS

Mr. Harrod called on Mr. Carleton W. Smith, Professor S. Leslie Blatt, and Mr. Rick Theis, to speak before the Board, as they had requested:

Mr. Carleton W. Smith, the Higher Education Organizer for the Ohio Education Association, said that he believed there would be a collective bargaining election for faculty on the OSU campus in the near future, and that OEA would be a party to that election. He said that ground rules for collective bargaining elections, patterned after the proposed collective bargaining bill, would provide a fair and equitable manner in which the interest of both faculty and the Board of Trustees may be protected, and he urged the Board to begin the collective bargaining process using the proposed legislation as a guideline.

Professor S. Leslie Blatt, Vice President of the American Association of University Professors, stated that the AAUP has advocated faculty collective bargaining as a way to assure a meaningful faculty voice in matters concerning conditions under which professional duties are carried out. Professor Blatt reported that the AAUP was taking steps to obtain recognition as the collective bargaining unit for the faculty by conducting an authorization card campaign. Professor Blatt said that AAUP believes that delaying further in deciding the question allows other faculty agents to establish a substantial following on this campus.

Mr. Gushman suggested that the authorization card have a date when it is signed, and Dr. Blatt agreed that this would help.

Rick Theis, President of the Undergraduate Student Government thanked the Board for installing the new sound system, for their participation in the USG's Trustee Day, and for permitting students to express some of their concerns at the Fiscal Affairs Committee meeting. He indicated that mail was a problem in that he had sent a letter to Mr. Harrod on April 13 and had not received an answer. The letter is printed beginning on page 506.

Mr. Theis continued to press for a more central meeting place on the main campus, for an opportunity for students to be heard at meetings, and for a question and answer session following the formal agenda for the meeting. He likewise asked that two non-voting students be added to the Board.

Dr. Jacob indicated that he wanted everyone to know that he had responded to the letter on May 4; Mr. Theis said that he had not yet received it. A copy of Dr. Jacob's letter is printed on page 509.

May 6, 1977 meeting, Board of Trustees

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April 13, 1977

M. Merle Harrod
P. O. Drawer 429
Wapakoneta, Ohio 45895

Dear Mr. Harrod,

I do indeed have a response to "your answers" to my concerns as expressed to you and other members of your board in my letter of November 22, 1976. But first, just for the record, I would like to express some of my dissatisfaction (sic) with the way you and the board have conducted yourselves especially in regard to the issue at hand.

It is apparant (sic) that you have treated students in a manner different from the way other persons have been treated. It is not your regular policy to cut off speakers during their presentations to the board, nor is it your policy to interrupt, personally attack, and otherwise rudely treat those addressing the board. And it is not board policy to completely fail to answer correspondence. You do not routinely give your opinion publicly at Board meetings, while forcing those who disagree with that opinion to respond in writing. And you do not usually keep certain people out of board meetings due to lack of space while allowing other people into the same meetings. But you have made continual exceptions to these rules for students. We do not thank you.

I believe it is incumbent upon you, and the other members of the board, to give an apology to the students of this university. You should apologize for being responsible for most of the discriminations listed in the above paragraph and your colleagues (sic) should apologize for giving more than tacit consent to those deplorable actions.

Mr. Harrod, a trustee is supposed to act as a representative of the people of Ohio in looking out for the well being of the university and members of the university community. I think it is clear that you have not met these expectations. In fact inherent in the refusal of other members of the board to even once defend student concerns is the same failure to serve the best interest and higher values of the people of Ohio.

As for "your" specific responses to my concerns, I am left for the most part unsatisfied. At last Friday's meeting, you spoke to more concerns then (sic) were included in my letter of November 22 to the board. You dealt with several issues that had already been cleared up by Dr. Moulton in his letter of October 29 of which you have a copy. Of those problems that were presented to you, your answers were curiously close to the answers

May 6, 1977 meeting, Board of Trustees

Mr. Harrod
April 13, 1977
Page 2

that Dr. Moulton offered. But I explained in my letter of November 22nd, Dr. Moulton suggested I go to the board for more in depth and authoritative answers. Imagine my surprise when, after driving for two hours and waiting until the very end of the meeting on April first, your answers were mere reformulations of Dr. Moulton's summary responses.

As for a meeting place more central to the dorm population or classroom concentration, your answer was to give examples of poor student attendance at meeting (sic) held at more central locations. These examples do not prove that students would not attend regular meetings at more convenient locations. The meetings at more convenient locations were not well publicized and not held on a regular basis. It is definite though that the Faucett (sic) Center location is comparatively inconvenient to students, while an alternative location could be found nearer the center of campus not any less convenient to those who drive cars.

Your argument against having a larger room are (sic) rather weak. No one is asking you to set up a large enough room for each meeting to accommodate unrealistic numbers of people. But you could arrange to have a larger (sic) enough room to comfortably accommodate all who want to attend meetings, while providing for a "safety value" (sic) room in the event of an overflow in the regular meeting room (incidentally, by meeting in the Ohio Union, Drake or Ohio Suites, safety areas could be arranged easily by simply opening (sic) the curtains between adjacent rooms).

I never asked for a place on the agenda for me to address the board at each meeting, but a place for the Undergraduate Student Government to report items of a student-oriented nature that should be of concern to the board. In response to your claim that the present system provides an adequate opportunity for a person to get on the agenda to speak, I have this response. In the event that an important issue comes up within a couple of days of the board meeting or during the board meeting, it would be ridiculous to force students or anyone else to wait a month or more to address that issue.

I did not ask that every word I say or anyone else says be included in the "Report to Campus", however, I do insist that when substantive issues are brought up at meetings those issues not be ignored in the report. One good example is the absence of any mention of the ½ hour or longer discussion of possible board violations of the sunshine law discussed at the January 1976 meeting of the board.

As for the question and answer period I proposed, I don't think any significant progress has been made. If you refuse to make a question-and-answer session a part of the board meeting itself as I requested, you take the teeth out of the idea. If you continue to insist on a voluntary session after the meeting I have this request: that Trustees in advance to the meetings make a commitment (sic) to attend the question-and-answer session along with an announced time at which they have to leave. This would make it difficult for a Trustee member, after a rough meeting (on which he did not want to answer questions) to decide to not attend the information session.

May 6, 1977 meeting, Board of Trustees

Mr. Harrod
April 13, 1977
Page 3

You have not yet answered the question as to why it took you four months to address the concerns that I presented to you in my letter of November 22nd. I think your apology to the student body will provide a fitting replacement for an answer.

Finally, I request that the board vote to add two student members to their ranks elected by a campus-wide balloting each Spring quarter and that these student representatives have a two-year term. I hope this will allow students access to all information that the trustees presently enjoy as well as giving them full speaking rights on all issues at board meetings. It is incumbent (sic) upon the board to act favorably on this proposal since they should realize that they cannot possibly represent student interests and concerns. Students have an invaluable perspective on the academic and non-academic functioning of the University by being currently acted upon by academic and non-academic university institutions. I expect the board to put this on their next agenda and seriously discuss its merits and shortcomings.

I will be happy to elaborate on any of these points. Should you wish to discuss them please call me at 422-2101.

Sincerely,

Rick R. Theis
President

RRT/nm

cc: Board Members

May 6, 1977 meeting, Board of Trustees

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May 4, 1977

Mr. Rick Theis, President
Undergraduate Student Government
304 Ohio Union
1739 North High Street
Columbus, Ohio 43210

Dear Mr. Theis,

This letter is in regard to your letter of April 13, 1977, to Chairman Harrod, with copies forwarded to all Board members. After reviewing Mr. Harrod's statement at the April 1st Board meeting I am convinced that all of your questions have been considered and answered in a manner that reflects the majority opinion of the Board. I am in basic agreement with the positions expressed in Dr. Moulton's letter of October 26, 1976, and in the Chairman's statement on April 1, 1977. While I am sure that you will remain unsatisfied, I do feel that the Board's position has been stated and I do not foresee any substantial change concerning the matters under current discussion.

In your letter of April 13th you requested an apology to the students from members of the Board of Trustees. Personally, I do not feel that any apology is warranted by the actions of the Chairman or any other Board members. Accordingly, I offer no apology and would be against any such action if it were discussed at future meetings.

In closing your letter you requested that the Board vote to add two students to membership. This, of course, would be illegal and could possibly subject all future proceedings of the Board to possible litigation and reversal. Only the Ohio Legislature can provide a place for students and faculty on Boards of Trustees at state assisted universities. At such a time that changes of this type are made by the Legislature I will work with whomever the Governor appoints from the faculty or student body. Discussion of the merits and shortcomings of such a proposal at a Board meeting would therefore be a waste of time and effort. I do not feel that such a discussion should have a place on the agenda.

I trust that the above information will clarify my positions on the issues you raised.

Sincerely,

John D. Jacob
Member, Board of Trustees

JDJ:jsn

Copy: Chairman Harrod
President Enarson
Vice President Moulton

May 6, 1977 meeting, Board of Trustees

COMMENTS

Mr. Harrod asked if there were any more comments.

Mr. Smith:

Last night in the study session we discussed capital improvements and the fact that they get into the pipeline and then they get through the legislative process and the question that faces us is either do we want to reject money already appropriated and our chance for a meaningful review is biased and those projects have already been put into legislation passed by the General Assembly. This year there is going to be a capital improvements budget and there are items in that budget such as the Agronomy Building, as I recall, for \$13 million, \$13 million for the hospital improvements and other funds. I don't think we have reviewed those capital improvements proposals and we're passing the point in time where our approval will really not be meaningful. I think it is too late for a review today but why I'm bringing it up now is because I don't think the legislature is going to pass that capital improvements bill before our next meeting and I think we could review some of these projects at our next meeting. We might agree with all of them, but I think we ought to at least provide such approval so when we get 18 months down the road we're not saying, 'Where did these come from and why did we not approve them?'

President Enarson:

Mr. Chairman and members of the Board, immediately upon my return to the office I will put in the mail to each of you copies of memoranda which I mailed July 9, 1976, Harold L. Enarson to members of Board of Trustees, Capital Plan 1977-1983. It begins, 'Recently I transmitted to the Board of Regents the University's Capital Plan. . . .' Subsequently on October 7, 1976, memorandum to all members of the Board of Trustees, Harold Enarson, Capital Improvements Budget Request. At various times it may be that I've been delinquent in not giving you instant updates on what happens as this appropriation process filters through the system. But certainly it's obvious on the face of it that money appropriated will not be expended unless on the majority vote by this Board in public session. The dust is a long way from settling on the final capital bill. I am not able to say, I'm not able to speculate on what will finally emerge. It is true that there are several items in the recommendation of the Governor which in fact were not requested by the University. I shall not burden you with the substance of the memos or remind you of the content of every discussion we have had for the past two years except to say very simply that a.) we have for all practical purposes completed construction associated with general enrollment growth, and b.) we have substantially completed capital expansion that is of a sort exemplified by our hospital construction where we're not adding to the number of students who are being trained and prepared as practitioners but we are amplifying the laboratory patients care resources. The third point which I have made in tiresome detail is that in a campus as large as this, with almost 400 buildings, some percentage-- I regret I don't remember the percentage at the moment--are very old and are in need of replacement. Obviously there are buildings with high maintenance costs and these need to be torn down. Perhaps we are delinquent in not having them

May 6, 1977 meeting, Board of Trustees

COMMENTS (contd)

torn down already--the Student Services Building, for example. I would make a related point. Although the Board is differently constituted than it was, I would hope that the same animating spirit in a desire to serve students which led a former Board and a former President of this University to request \$5 million for intramural recreational facilities if the University could raise \$5 million in matching funds, would continue to operate. There was never any mystery, nor could there have been in anybody's mind, at that time or at any time thereafter, that if in fact the \$10 million was spent for this purpose that the operating budget would increase in some degree.

Those who have known me in the 25 years of work in higher education, would find it laughable if it were ever suggested to them that my primary interest is in buildings; my primary interest is in people. The people dimension problems are many. I take great pride in the fact that we will soon be opening Larkins Hall. I take great pride in the way in which with the clear, explicit approval of every stage of the process, that we have opened up recreational facilities that take us from tenth in the Big Ten and indeed substantially below the tenth place, right up to the very top. I am not an elected representative of student government, so I can't purport to speak for 54,000 students, but if I may be forgiven a comment, I do talk to enough students of the kind that you rarely see and that you did see yesterday, to know that there is a great fund of gratitude and appreciation on the part of literally thousands of students who are now enjoying the added facilities and are soon going to be enjoying Larkins Hall.

I welcome any kind of detailed critical review of the capital plan at any time and should any committee of the Board wish to reorganize the structure of review, my colleagues and I stand ready to cooperate, of course, at any time.

Mr. Smith:

I guess that's why I'm asking, but I think we have received information but I don't think we actually took action to review and approve. I think if we do that then we don't get into these discussions down the road. I think you and your staff have gone over this University's capital needs and have made a determination, yet there are two facilities on the Governor's recommended capital improvements list that weren't requested by you. I think that we should review these recommendations and determine whether or not we support them and whether or not there are other projects that shall take precedence over these projects.

President Enarson:

If any additional capital improvements moneys were available for the next biennium, our priorities would be for those that have been previously submitted. The 'Sawtooth' Chemistry Lab Building is a disgrace and it was placed by the Board of Regents back down the list. It was that facility plus general utilities and renovations money that are our two highest priorities. I must speak in support of my

May 6, 1977 meeting, Board of Trustees

COMMENTS (contd)

colleagues who have expressed to me some sense of dismay that when this Board has formally adopted and approved the sending out of plans and specifications for a project and the bids in fact have been awarded under Ohio law, that then they and I are questioned about those programs. That, I agree with you, is not the time to second-guess a project.

Dr. Sirak:

Harold, I think I can express the sentiments of the rest of the Board, that in the case of Larkins Hall, for example was done with full understanding, and concurrence of this Board. It was by comparison very easy for all of us to understand the need to correct the deficiency in that area when compared to our competitive institutions. We fully concurred in that decision and I don't think there was any question in anybody's mind as to the needs. However, I would submit for your consideration that there are many areas on this campus where needs are not as evident to us and for which we would need information that goes beyond just the enumeration of numbers and descriptions of physical being. We need explanations that go into numbers of students who are going to be served, anticipated operational overhead costs, with projections, and we have to have an understanding of the current level of needs as compared to other ongoing needs of this University because as you say, with 350 buildings we, and those who come after us, are going to be faced constantly with tremendously heavy burdens of reconstruction, refurbishing and so forth. We've got to start making some hard choices between what's nice and be wonderful to have and the facilities that we really desperately need. We've got some dire needs now and I think that this is being reflected in Mr. Smith's attitude, Mr. Gushman's request and other members of this Board, certainly mine. I think that certain information methods which were once appropriate now have to be embellished and I think that's all we're saying.

Mr. Smith:

Just one other thing. I raised a question at the last meeting about some of our students in master's programs being charged Ph.D. fees, and I didn't expect the answer at this meeting but I assumed you're going to get back with us.

Dr. Moulton:

A revised fee structure will be recommended at the next meeting along with the budget, which will speak to that problem.

Mr. Harrod:

The next meeting of this Board will be June 8, 1977, at 1:30 p.m. in the same location. This meeting is adjourned.

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May 6, 1977 meeting, Board of Trustees

Thereupon the Board adjourned to meet Wednesday, June 8, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward O. Moulton
Secretary

M. Merle Harrod
Chairman

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APPENDIX IV

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 9, 1977

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Graduate School

Dean: Jules B. LaPidus

*Field of Specialization and Adviser
are in Italics*

Doctor of Musical Arts

One candidate

Linda Jean Shay, Corvallis, Ore.
B.A., B.M. (University of Oregon);
M. Mus.; *Music*; Dr. William G. Conable, Jr.

Doctor of Philosophy

One hundred forty-two candidates

Jan Edward Adams, Port Clinton;
B.S. Physics; *Physics*; Dr. K. Narahari Rao

Dorothy Lamour Alexander, Gaston, Ore.;
B.S. (Tougaloo College); M. of
Librarianship (University of Washington);
M.S. (Portland State College); *Education*;
Dr. Robert R. Lange

Lyle John Anderson, Des Moines, Ia.;
B.Mus. (Cedarville College); M.A.; *Music*;
Dr. William Poland

Samuel Uwazuruonye Anyanwu, Umuahia,
Nigeria; B.S. (University of Nigeria);
M.Ed. (Springfield College); *Physical
Education*; Dr. Donald K. Mathews

Richard Aquila, Snyder, N. Y.;
B.S.Bus.Adm., M.A. (Bowling Green State
University); *History*; Dr. Bradley Chapin

Jerry Roger Baker, Saginaw, Mich.; B.S.,
M.A., Ed.S. (Central Michigan University);
Education; Dr. Robert R. Bargar

Martha Lynn Barnes, Bowling Green;
B.S., M.S. (Bowling Green State
University); *Mathematics*;
Dr. Richard M. Wilson

Mary Blair Bashford, Webster Groves, Mo.;
B.A. (Vanderbilt University); M.A.;
Psychology; Dr. Andrew Schwebel

Douglas Spencer Bible, Montpelier;
B.S.Bus. (Bowling Green State University);
M.B.A. (Indiana University);
Business Administration;
Dr. Ronald L. Raester

Janet Knecht Black, Delaware; B.S.Ed.
(Otterbein College); M.A.; *Education*;
Dr. Martha L. King

Joann Ferguson Boles, Akron; B.S.H.Ec.
(Ohio University); M.A. (Kent State
University); *Home Economics*;
Dr. Lois E. Dickey

Stefan Jack Brody, Columbus; B.A.,
B.S.Ed., M.A.; *Education*;
Dr. Gerald M. Reagan

James Glenn Bumstead, San Antonio, Tex.;
B.S. (United States Naval Academy);
M.B.A. (California Western University);
Education; Dr. Aaron J. Miller

Harry Lawrence Campbell, Evans City, Pa.;
B.S.Ed. (Ohio University); M.Ed.
(Bowling Green State University);
Education; Dr. James J. Buffer, Jr.

Timothy Edward Caragher, St. Louis, Mo.
B.A. (Saint Louis University); *Pathology*;
Dr. George F. Grannis

Carolyn Elizabeth Carder, St. Louis, Mo.;
A.B. (Duke University); M.S. (University
of Delaware); *Psychology*;
Dr. Samuel H. Osipow

Richard Stenner Carey, Dayton; B.A.
(Coe College); M.B.A. (University of
Denver); *Education*;
Dr. Robert W. McCormick

Eric Walfred Carlson, Dayton; B.S., M.S.,
(Wright State University); M.P.A.;
Public Administration; Dr. Harry E. Allen

Annette Grant Cash, Miami, Fla.;
B.A., M.A. (University of North Carolina);
Romance Languages and Literatures;
Dr. Hans E. Keller

Ming Tsao Chen, Kaohsiung, Taiwan; B.S.
(National Chung-Hsing University); M.S.
(National Taiwan University);
Animal Science; Dr. Herbert W. Ockerman

Teung Fook Chin, Cincinnati; B.S.
Food Tech., M.S.; *Horticulture*;
Dr. Wilbur A. Gould

John Vincent Cimprich, Jr., Trenton; B.A.
(Thomas More College); M.A.; *History*;
Dr. Merton L. Dillon

Bettina Lee Clebone, Columbus;
B.S.Soc.Wel., M.S.; *Home Economics*;
Dr. Claribel Taylor

John William Click, Athens; B.A. (Ball
State Teachers College); M.S. (Ohio
University); *Education*; Dr. John C. Belland

Carmen Ana Bonilla Comulada, San Juan,
Puerto Rico; B.A. in Educ., M.S.U.
(University of Puerto Rico); *Social Work*;
Dr. Joseph J. Parnicky

Keith Alan Crutcher, San Diego, Calif.;
B.A. (Point Loma College); *Anatomy*;
Dr. Albert O. Humbertson

James William Currens, Wadsworth; B.A.
(Baldwin-Wallace College); M.Ed. (Kent
State University); *Physical Education*;
Dr. Darryl Siedenot

Mary Ann Daniels, Oskosh, Wis.; B.S.
(Wisconsin State University); M.A.;
Physical Education; Dr. Charles L. Mand

Raymond John DiBlasio, Columbus; B.A.
M.A. (Athenaeum of Ohio); *Education*;
Dr. Donald P. Sanders

Jon Mac Duff, West Lafayette, Ind.; B.S.,
M.S. (Purdue University); *Art Education*;
Dr. Kenneth A. Marantz

Richard Edward Duhrkopf, Worthington;
B.S., M.S.; *Genetics*;
Dr. Walter C. Rothenbuhler and
Dr. Woodbridge A. Foster

Donald Dean Duncan, Lexington, Ky.;
B.S.E.E. (University of Kentucky); M.S.;
Electrical Engineering;
Dr. Stuart A. Collins, Jr.

Victoria Mary Dziadosz, Pawtucket, R.I.;
B.A. (Antioch College); M.S.; *Zoology*;
Dr. Donald J. Borror

Donald Stuart Edgecombe, Cardington;
B.Aero.E., M.S.; *Engineering Mechanics*;
Dr. Charles T. West

David Alan Evans, Johnstown, Pa.; B.S.,
M.S.; *Genetics*; Dr. Elton F. Paddock

Nelma Irene Fetterman, Edmonton, Alta.,
Canada; B.Ed. (University of Alberta);
M.A. (Michigan State University); *Home
Economics*; Dr. Lois E. Dickey and
Dr. Anthony E. Petrarca

Barry Aaron Friedman, Brooklyn, N.Y.;
B.A. (University of Rochester); M.A.;
Psychology; Dr. Milton D. Hakel

William Michael Fugel, Collins; M.B.Ch.E.,
M.S.; *Chemical Engineering*;
Dr. R. Emerson Lynn

Virginia Niswonger Gordon, Dayton;
Cert. Grad. Dent. Hyg., B.S.Ed., M.A.;
Education; Dr. Joseph J. Quaranta

Galen Hayes Graham, Lyndhurst; B.A.
(College of the Holy Cross); M.A.;
Classics; Dr. Kenneth M. Abbott

Michael Harris Gray, Knoxville, Tenn.;
B.A. (University of Tennessee); M.A.;
Slavic Languages and Literatures;
Dr. Frank R. Sibajoria

Robert Kenneth Griffith, Kent; B.S. (Case
Western Reserve); *Pharmacy*;
Dr. Donald T. Witsak

William Michael Gutman, Lima; B.S.
(University of Toledo); M.S.; *Physics*;
Dr. Clifford V. Heer

Thomas Burkley Hackett, London; B.Ch.E.
(University of Dayton); M.S.;
Chemical Engineering;
Dr. Thomas L. Sweeney

Younghee Hahn, Seoul, Korea; B.S.Pharm.
(Seoul National University); *Pharmacy*;
Dr. Carter L. Olson

Linda K. Hall, Florence, Mass.; B.S.
(University of New Hampshire); M.S.
(Smith College); *Physical Education*;
Dr. Robert L. Bartels

Cynthia Gibson Hardy, Lisbon; B.S.
(Bowling Green State University); M.A.;
Education; Dr. Robert Sutton

Lana Thompson Henderson, Durham, N.C.;
B.A. (Hampton Institute); A.M.
(University of Illinois); *Art Education*;
Dr. Kenneth Marantz

Christina Supinski Herlihy, Ferndale,
Mich.; A.B. (University of Detroit); M.A.
(Oakland University); *Psychology*;
Dr. John E. Horrocks

Damianos Ode Hilsaca, Provo, Utah; B.S.,
M.P.A. (Brigham Young University);
Public Administration;
Dr. Sven B. Lundstedt

Ross Alan Hodel, Aurora, Ill.; B.S.Ed.,
M.S.Ed. (Illinois State University);
Education; Dr. Marion J. Conrad

Laraine Kee Nyun Hong, San Francisco,
Calif.; A.B. (University of Michigan);
M.A. (California State University);
Education; Dr. Sharon E. Fox

J. Patrick Hughes, Detroit, Mich.; A.B.
(University of Detroit); M.A. (University
of Notre Dame); *History*;
Dr. Harry L. Coles

Gerald Lee Hutchins, Columbus; A.B.
(Eastern Kentucky State College); M.A.;
Political Science; Dr. Charles F. Hermann

Dov Isaacs, Franklin Square, N. Y.;
B.S.E.E. (Massachusetts Institute of
Technology); M.B.A. (Cornell University);
Computer and Information Science;
Dr. Clinton R. Foulk

Richard Jensen, Dayton; B.S.E., M.S.Aero.
(California Institute of Technology);
*Aeronautical and Astronautical
Engineering*; Dr. Odus R. Burggraf

- Donna Marie Jurick, Dayton; B.A. (Edgecliff College); M.A. (Northwestern University); *Communication*; Dr. Leonard C. Hawes
- Jagdeesh Chandra Kalla, Jodhpur, India; B.S. (University of Rajasthan); M.S. (Ag.) (Agra University); *Agricultural Economics and Rural Sociology*; Dr. Norman Rask
- Barbara Laurie Karol, Laurelton, N.Y.; B.A. (Queens College); M.A.; *Psychology*; Dr. Milton D. Hakel
- Robert Ira Kazin, North Chili, N.Y.; B.A. (Bucknell University); M.A. (University of Connecticut); *Psychology*; Dr. Lyle D. Schmidt
- William Gary Klopfenstein, Columbus; B.S.Ed., M.A. (Bowling Green State University); *Entomology*; Dr. David J. Hora and Dr. Robert P. Holdsworth
- James Arthur Knight, Jr., Lakewood, Colo.; B.S., Ag., M.Ed. (Colorado State University); *Agricultural Education*; Dr. Ralph E. Bender
- Stephen Bernard Knouse, Davenport, Ia.; B.A., M.A. (Southern Methodist University); *Psychology*; Dr. Richard J. Klimoski
- George Carl Kosbab, Sandusky; B.S.Ed., M.A.; *Education*; Dr. Robert M. Reese
- George Milton Krops, Columbus; B.S. (Manchester College); B.D. (Bethany Biblical Seminary); M.A.; *Agricultural Economics and Rural Sociology*; Dr. G. Howard Phillips
- Elizabeth Jean Kuehnert, Columbus; B.S.Ed. (West Virginia University); M.A.; *Education*; Dr. Thomas M. Stephens
- Larry Judson Kuhns, Denver, Colo.; B.S. (Pennsylvania State University); M.S.; *Horticulture*; Dr. Thomas Fretz
- Herbert R. Lander, Jr., Dayton; B.Chem.Eng. (University of Dayton); M.S.; *Chemical Engineering*; Dr. Robert S. Brodkey
- James Donald Lawrey, Vermillion, S.D.; B.S. (Wake Forest University); A.M. (University of South Dakota); *Botany*; Dr. Emanuel D. Rudolph
- Jeoung-Keun Lee, Seoul, Korea; B.A. (Kongju National Teachers College); M.A. (Seoul National University); *Education*; Dr. Donald G. Lux
- Jack Lee Lewis, Hillsboro; B.S. (Morehead State College); M.A.; *Education*; Dr. Robert R. Lange
- Andrea Abernethy Lunsford, St. Petersburg, Fla.; B.A., M.A. (University of Florida); *English*; Dr. Edward P.J. Corbett
- Patricia Veronica Markunas, Garfield Heights; B.S., M.A.; *Psychology*; Dr. Henry Leland and Dr. Dorothy W. Jackson
- Jacqueline Rice Marzluft, Columbus; B.A. (University of Wisconsin); *Medical Microbiology*; Dr. Raymond W. Lang
- Gary Ivin Mason, Park Forest, Ill.; B.A. in Ed., M.S. in Ed. (Nebraska State Teachers College at Kearney); *Physical Education*; Dr. Seymour Kleinsman
- Gregory Dale May, St. Paul, Minn.; B.S., M.A. (University of Minnesota); *Psychology*; Dr. Harold B. Pepinsky
- George Orman McCalep, Jr., Brewton, Ala.; B.S. (Alabama Agricultural and Mechanical College); M.Sc. (University of Kansas); *Physical Education*; Dr. Daryl Siedentop
- Vickie Peoples McCreary, Winston-Salem, N.C.; B.A. (Knoxville College); M.A.; *Psychology*; Dr. Don M. Dell
- Thomas Thornton Meek, Reading, Pa.; B.S.E.E. (Louisiana Polytechnic Institute); M.S. (University of Missouri at Rolla); *Ceramic Engineering*; Dr. William B. Shook
- Janet Louis Miller, Rochester, N.Y.; A.B. (Grove City College); M.A. (University of Rochester); *Education*; Dr. Donald R. Bateman
- Charles Potter Milne, Jr., Seattle, Wash.; B.A. (University of California at San Diego); M.S. (University of Washington); *Entomology*; Dr. Walter C. Rothenbuehler
- Abdallah Ibrahim Mohamed, Atbara, Sudan; B.Sc. (University of Khartoum); M.S.; *Horticulture*; Dr. Evan K. Alban
- Colleen Lily Mooney, Huntington, W.Va.; B.A. (Marshall University); M.A.; *History*; Dr. Franklin Pegues
- Thomas Kittrell Moore, Fairborn; B.S. (United States Air Force Academy); M.S. (Air Force Institute of Technology); *Industrial and Systems Engineering*; Dr. Donald R. Kibbey
- Warren Newton Moore, Columbus; B.A. (LeMoyné College); M.A. (Scarritt College); *Education*; Dr. William Moore, Jr.
- Richard Dean Mountford, Canton; B.M.E., M.E.E. (University of Kansas); *Music*; Dr. A. Peter Costanza
- Thomas Gerald Naymik, Columbus; B.S.; M.A. (Louisiana State University and Agricultural and Mechanical College); *Geology and Mineralogy*; Dr. Wayne A. Pettyjohn
- Jeffrey Joseph Nelson, Columbus; B.S.Ed., M.A. *Physical Education*; Dr. Daryl Siedentop
- Daniel Edward Nemzer, Worthington; B.S. (California Institute of Technology); M.S.; *Mathematics*; Dr. Dijen K. Ray-Chandhuri
- To-Thi Nguyen, Saigon, Vietnam; B.A., M.A.; *Education*; Dr. I. Keith Tyler
- Robert Edward Niebuhr, Cincinnati; B.S.Met.Eng. (University of Cincinnati); M.S.; *Business Administration*; Dr. Steven Kerr
- Johnson O. Oladunni, Lagos, Nigeria; B.S.C.E., M.S. (University of Miami); M.S.; *Engineering Mechanics*; Dr. Ali E. Engin
- Alice Burns Omaggio, Columbus; B.S. (Pennsylvania State University); M.A.; *Education*; Dr. Gilbert A. Jarvis
- Alan Osman, Jackson, Ky.; B.S.Bus.Adm. (Berce College); M.A. (Harvard University); *Agricultural Economics and Rural Sociology*; Dr. Leroy J. Hushak
- James Eugene Parsons, Lima; B.S., M.S.; *Microbiology*; Dr. Robert M. Pfister
- Howard Partin, London, Ky.; B.S. (Cumberland College); M.A. (University of North Carolina); *Zoology*; Dr. Loven S. Putnam
- Hamida Begum Qavi, Hyderabad, India; B.Sc., M.Sc. (Osmania University); M.S.; *Physiological Chemistry*; Dr. J. Norman Allen and Dr. Nancy R. Clendenon
- William Richard Ramakka, Lake Hiawatha, N.J.; B.S. (Rensselaer Polytechnic Institute); M.S. (University of Wisconsin); *Chemical Engineering*; Dr. Harry C. Hershey
- Lawrence Edwin Reed, Dayton; B.S. (University of Alabama); M.A. (University of Kentucky); *Psychology*; Dr. Harvey G. Shulman
- Thomas Henry Reif, Dayton; B.S.M.E., M.S.; *Mechanical Engineering*; Dr. Francis A. Kulacki
- William Charles Rennagel, Bradenton, Fla.; B.S. (United States Military Academy); M.A.; *Political Science*; Dr. Charles F. Hermann
- Lois Jean Rifer, Lafayette, Ind.; B.A. (Indiana University); *Psychology*; Dr. Charles Wenar
- Craig Stuart Robinson, Columbus; B.S.E.E., M.S.; *Electrical Engineering*; Dr. Kenneth J. Breeding
- Karla Louise Roehrig, Columbus; B.S. (University of Illinois); *Physiological Chemistry*; Dr. David G. Cornuwell and Dr. John Allred
- John Joseph Ruszkiewicz, Maple Heights; B.A. (Saint Vincent College); M.A.; *English*; Dr. Rolf Soellner
- Roger Allan Ruth, Marion; B.A., M.A.; *Communication*; Dr. Paul S. Niswander
- Terrence Michael Ryan, Brockport, N.Y.; B.S. (Manhattan College); M.S. (State University of New York College at Brockport); *Physical Education*; Dr. Walter F. Eyring
- Richard J. Schiffer, Dayton; B.A. (Utica College); M.S. (San Diego State College); *Education*; Dr. Robert W. McCormick
- Frederick Erwin Schreiber, DeKalb, Ill.; B.S., M.S. (Northern Illinois University); *Entomology*; Dr. Walter F. Hink
- Donald Edward Schulz, McLean, Va.; B.A. (Wake Forest College); *Political Science*; Dr. Philip D. Stewart
- Bryan Wilfred Schurle, Green, Kans.; B.A. (Kansas State Teachers College); M.S.; *Agricultural Economics and Rural Sociology*; Dr. Bernard Erven
- James Nicholas Scott, Bainbridge; B.S.A.A.E., M.S.; *Aeronautical and Astronautical Engineering*; Dr. John D. Lee
- James Earl Sheedy, Columbus; B.S. (Wayne State University); M.S., O.D.; *Physiological Optics*; Dr. Glenn A. Fry
- James Lee Shellhaas, Troy; B.S., M.S.; *Microbiology*; Dr. Melvin S. Rheims
- Ahmad Hasan Siddiqui, Varanasi, India; B.A. (Banaras Hindu University); M.A., M.A. (Aligarh Muslim University); M.A. (University of London); *Education*; Dr. Donald R. Bateman
- Clare M. Silva, Columbus; B.A. (Kent State University); M.A.; *Education*; Dr. Donald R. Bateman
- Euclid O'Neal Smith, Martin, Tenn.; B.A. (Mississippi State University); M.A. (Belhaven College); M.A. (University of Georgia); *Anthropology*; Dr. Frank E. Poirier
- Keith Calhoun Smith, Glenville, W.Va.; A.B. (Glenville State College); M.Ed. (University of Toledo); *Education*; Dr. Joseph J. Quaranta

Ronald Gary Springhorn, Elmhurst, N.Y.; B.A. (Queens College); M.A. (West Virginia University); *Communication*; Dr. Victor D. Wall

Frances Helen Squires, Steubenville; B.S.Ed. (Carlow College); M.Ed. (Indiana University of Pennsylvania); *Education*; Dr. Robert Cunningham

Roberta Helmer Stalberg, Fairborn; B.A. (University of Pennsylvania); M.A.; *East Asian Languages and Literatures*; Dr. David Y. Chen

Jean Mitchell Staley, Lima; B.A., M.A.; *Romance Languages and Literatures*; Dr. Aristobulo Pardo

Maria Walker Steinbaugh, Columbus; B.S. in Med.Diet., M.S.; *Education*; Dr. Robert R. Bargar

Gerold Howard Sterling, Philadelphia, Pa.; B.S. (Pennsylvania State University); *Pharmacology*; Dr. John J. O'Neill

Kathleen Ann Sexton Stone, Brooklyn; B.S.Nurs.; *Physiology*; Dr. Charles W. Smith

Charles Frederick Strong, Framingham, Mass.; B.S. (University of Massachusetts); M.S.; *Poultry Science*; Dr. Karl E. Nestor

Laddawan Sunyapridakul, Bangkok, Thailand; M.D. (Chiangmai University); *Pharmacology*; Dr. Joseph R. Biachine

Calvin Lee Taylor, Worthington; B.S.Agr.; M.P.A. (Golden Gate College); B.S. (University of Delaware); *Agricultural Education*; Dr. J. Robert Warmbrod

Richard Timothy Taylor, Coatesville, Pa.; B.S. (University of Delaware); *Chemistry*; Dr. Leo A. Paquette

David J. Tennenbaum, Chillicothe; B.A. (University of Cincinnati); M.A. (Xavier University); *Interdisciplinary: Public Administration, Psychology, Sociology*; Dr. Harry E. Allen

Dennis Neal Thompson, Youngstown; A.B. (Youngstown State University); M.A.; *Psychology*; Dr. Philip M. Clark

Gary Eugene Thompson, Bellefontaine; B.S. Ed., M.A.; *Education*; Dr. Edwin Novak

Laura Wilson Tobias, Columbus; B.A. (Marietta College); M.A.; *Education*; Dr. Frank Zidonis

Jennifer Josephine Trap; B.S. (Central Michigan University); *Education*; Dr. John O. Cooper

Charles L. Vehorn, Dayton; B.A. (University of Notre Dame); M.A. (University of Arkansas); *Economics*; Dr. William H. Oakland

Raymond A. Wasil, Columbus; B.S.Ed., M.Ed. (Kent State University); *Education* Dr. Herman J. Peters

Michael Ray Whitbeck, Arlington, Tex. B.S. (University of Texas); *Chemistry*; Dr. Jack G. Calvert

Alan Vernon Wieder, Cleveland; B.A.; M.Ed. (University of Cincinnati); *Education*; Dr. Bernard Mehl

Ronald Matthew Wrona, Columbus; B.A. (University of Buffalo); M.A. (University of Washington); *Preventive Medicine*; Dr. Jean D. Powers

Barbara Jean Yanico, Cambridge; A.B. (Ohio Dominican College); M.A.; *Psychology*; Dr. Samuel H. Osipow

Richard Reamer Yeoman, Caledonia; B.S., M.S.; *Physiology*; Dr. John J. Curry, III

Alang Perang Zainuddin, Selangor, Malaysia; B.S., M.S. (Louisiana State University and Agricultural and Mechanical College); *Agricultural Education*; Dr. Clarence J. Cunningham

Certificate of Specialist in Russian Area Studies

One candidate

James R. Lecky, Columbus;
B.A. (Brown University); M.A.

Master of Accounting

Nine candidates

Jeffrey William Baker, Alliance;
B.A. (Denison University); *Accounting*

Jeffrey Patrick Bauer, Columbus;
B.A.; *Accounting*

Howard Francis Bush, Monroe, N. Y.;
B.A. (State University of New York at Buffalo); *Accounting*

Cornelius John Casey, Wilmington, Del.;
B.S. (University of Delaware); *Accounting*

Yung Sindia Chen, Taipei, Taiwan;
B.A. (Tunghai University); *Accounting*

Lynne Ellen Gething, Youngstown;
A.B. (Youngstown State University);
Accounting

Michael James Miller, Akron;
B.A.; *Accounting*

Deborah K. Ratliff, Columbus;
B.S.Ed.; *Accounting*

Philip Michael Stickney, Columbus;
B.S. (Michigan State University);
Accounting

Master of Architecture

Twelve candidates

Scott Jeffrey Doellinger, Columbus;
B.S.Arch.; *Architecture*

Deborah Jane Hayes, Elyria;
B.A.Ed. (DePauw University);
B.S.Arch.; *Architecture*

David James Lind, Upper St. Clair, Pa.;
B.S.Arch.; *Architecture*

Garry McAnally, Columbus;
B.S.Arch.; *Architecture*

Roger D. McLoney, Carrollton;
B.S.Arch.; *Architecture*

Thomas K. Neff, Coshocton;
B.S.Arch.; *Architecture*

Michael Edward Nylin, Columbus;
B.S.Arch.; *Architecture*

Bradley W. Oberg, Columbus;
B.A. (Lehigh University); *Architecture*

James Richard Platt, Pittsburgh, Pa.;
B.S.Arch.; *Architecture*

Chander Mohan Saxena,
Rickenbacker A.F.B.;
Diploma in Arch. (Government College of
Fine Arts, India); *Architecture*

Philip Ernest Skirball, Sandusky;
B.S.; *Architecture*

Craig Allen Stough, Toledo;
B.S.; *Architecture*

Master of Arts

Three hundred and twenty-three candidates

Frank Carl Adams, Cleveland;
B.A. (Ohio University); *Education*

Marian Kuo-ching Adkins, Columbus;
B.Ed. (National Taiwan Normal
University); *Education*

Ashlyn Denise Adrian, Columbus;
B.A., Diploma in Edu. (University of New
South Wales, Australia); *Geography*

Colin John Adrian, Columbus;
B.Sc. (University of New South Wales,
Australia); *Geography*

James William Allen, Sr., Columbus;
B.S.Ed.; *Education*

Mary Jane Allen, Lafayette, Calif.;
B.A. (University of California at
Berkeley); *Dance*

Francis Augustus Aluise, Columbus;
B.S.Ed.; *Public Administration*

Carol J. Amira, Huntington, N. Y.;
B.A. (University of Buffalo);
Communication

Carol Reed Antonakopoulos, Cleveland;
B.A.; *Journalism*

Marie Tancredi Aquila, Columbus;
B.S.Ed. (Bowling Green State University);
Education

Elizabeth Ann Arapis, Baltimore, Md.;
B.S. (State University of New York College
at Oswego); *Education*

Louis A. Armentrout, Columbus;
B.F.A. (Ohio University); *Art Education*

Robert Lee Armstrong, Northville, Mich.;
B.A. (Denison University); *Education*

Donna Day Ashworth, Dayton;
B.S.Ed. (University of Dayton); *Education*

DonnaLee Mary Atkinson, Columbus;
B.A. (University of Windsor);
Public Administration

Anne Lenore Ayres, Covina, Calif.;
B.A. (Stanford University); *Psychology*

Virginia Pope Bahr, Kenton;
B.S.Ed.; *Education*

Catherine Ann Baird, Pittsburg, Kans.;
B.A. (Kansas State College of Pittsburg);
Economics

Blaine Stephen Ball, Unionville, Mich.;
B.S. (United States Military Academy);
Geography

Ricki S. Bander, New York, N. Y.;
B.A. (City College); *Psychology*

John Douglas Barkeloo, Columbus;
B.A.; *Public Administration*

- Stephen Richard Barley, Winchester, Va.;
A.B. (College of William and Mary);
Education
- Sondra Barnett, Worthington;
B.A. (Denison University); *Education*
- M. Adriana Barra-Salas, Concepcion, Chile;
B.A. (Otterbein College);
Romance Languages and Literatures
- Linda Carol Batdorf, New Haven, Ind.;
B.S. (Indiana University);
Physical Education
- Thomas Richard Baumgardner, Cincinnati;
B.S. (United States Air Force Academy);
Education
- Candace Jean Bavender, Lexington;
B.S.Ed. (Kent State University);
Education
- Samuel M. Beaty, Columbus;
B.A. (Ohio Wesleyan University);
B.D. (Vanderbilt University); *Education*
- Frank Michael Beck, Columbus;
D.D.S.; *Psychology*
- Rhonda Reichenbach Beck, Bluffton;
B.S.Ed.; *Education*
- Carol Lynne Belfatto, Chappaqua, N. Y.;
B.F.A. (Miami University);
Industrial Design
- Tumutual Bell, Jackson, Miss.;
B.A. (Tougaloo College); *Education*
- Martha Jean Bergstein, Cincinnati;
B.A., B.S.Ed.; *Education*
- Ralph Steven Bernstein,
Wappingers Falls, N. Y.;
B.A. (University of Michigan);
Journalism
- Ellen Thomas Berry, Columbus;
B.A.; *English*
- Stephen F. Berry, Delaware;
B.A. (Ohio Wesleyan University);
Journalism
- Martha Elayne Bey, Alexandria, Va.;
B.A. (Ohio University); *German*
- Stephanie Bires, Lorain;
B.S.; *Communication*
- Arthur Weston Blaser, Seattle, Wash.;
B.A. (University of Washington);
Political Science
- Heleen Strauss Bluth, Columbus;
B.A. (City College); *Education*
- John M. Bolland, Edmonds, Wash.;
B.A. (University of Washington);
Political Science
- Jenise Althea Bond, Norfolk, Va.;
B.A. (Saint Augustine's College);
Education
- Cathie Dale Bonda, West Orange, N. J.;
B.S.C. (Ohio University); *Education*
- James Timothy Brenner, Hinckley;
B.A. (Kent State University); *History*
- Bruce Paul Brown, Newark;
B.S.Agr.; *Education*
- Evelyn Sue Brown, Columbus;
B.A.; *Communication*
- Roger Clark Brown, Westerville;
B.S.Ed., B.S.Nat.Res.; *Education*
- Michael L. Buchenroth, Huntsville;
B.S.Ed.; *Education*
- Marsha J. Buckalew, Charleston, W. Va.;
B.A. (University of North Carolina at
Greensboro); M.A. (University of East
Anglia, England); *Psychology*
- Dale E. Buonocore, Rio Grande, N. J.;
B.S. (Ursinus College); *Psychology*
- Steven M. Butnik, Columbus;
B.A.; *Psychology*
- John Patrick Campbell, Columbus;
B.A. (Capital University); *Education*
- John W. Campbell, Jr., St. Mary's;
B.S. (Bowling Green State University);
Physical Education
- Joseph L. Carter, Jr., Columbus;
B.S.Ed.; *Education*
- David Frank Cattran, Lancaster;
B.S.Ed.; *Education*
- Dean A. Chappelle, Columbus;
B.A. (Capital University); *History*
- Dianne Lynne Cherry, Robersonville, N. C.;
B.A. (University of North Carolina);
Journalism
- Suwannee Chevapratatdumrong,
Bangkok, Thailand;
B.Acc. (Chiangmai University);
M.Acc. (Chulalongkorn University);
Business Administration
- David A. Chojnacki, Cleveland;
B.A. (Borromeo Seminary of Ohio);
M.Div. (Saint Mary Seminary); *Education*
- Shu-han Chou, Kaoshiung, Taiwan;
B.A. (National Taiwan University);
Communication
- Joy Krapf Clark, Windham;
B.S.Ed. (Clarion State College); *Education*
- Randy Christopher Clark, Dayton;
B.A.Ed. (University of Kentucky);
Physical Education
- Frances DiAnne Clay, Columbus;
B.Mus.Ed.; *Education*
- Ruth Bradfield Cochrane, East Liverpool;
B.S.Ed.; *Education*
- James Francis Collins, San Diego, Calif.;
B.A. (Catholic University of America);
Education
- Huei-Chi Connally, Lockbourne;
B.Ed. (National Taiwan Normal
University); *Physical Education*
- Robert John Connors, Erving, Mass.;
B.A. (University of Massachusetts);
English
- Gregory Steven Cooke, Philadelphia, Pa.;
B.A. (American International College);
Journalism
- Nancy Wilson Cooper, Washington C. H.;
B.A. (Wilmington College); *Education*
- David Crandall, San Francisco, Calif.;
B.A. (Ohio Wesleyan University);
Education
- Melvin Crawford, Dillon, S. C.;
B.A.Soc.Wrk. (Benedict College);
Public Administration
- Robert Alan Crider, North Olmsted;
B.A.; *Economics*
- Paul Lindsay Criswell, Bethel Park, Pa.;
B.A.; *History*
- Robert Allen Crook, Lancaster;
B.G.S. (Ohio University); *Education*
- Craig Ashba Curtis, Kenton;
B.S.Ed.; *Journalism*
- James Thomas Cypher, Columbus;
B.A., B.S.; *Public Administration*
- Mary R. Damuth, Alpena, Mich.;
B.A. (University of Michigan); *Journalism*
- Karen Ortlip Daugherty, Columbus;
B.A. (Hortling College);
B.S. (Columbia University);
M.S.; *Sociology*
- Elizabeth A. Davis, Circleville;
B.S.Ed.; *Physical Education*
- James Leonard Davis, Jr., Warren;
B.A. (College of Wooster); *Education*
- Janice Kay Davis, Columbus;
B.S.Ed.; *Education*
- Ronnie Davis, Columbus;
B.A. (State University of New York at
Buffalo); *Communication*
- William John Davis, Sunbury;
B.S.Ed.; *Education*
- David C. Deal, Hobart, Ind.;
B.A. (Indiana University); *Psychology*
- Michie Shinohara Deeter, Tokyo, Japan;
B.A. (International Christian University);
East Asian Languages and Literatures
- Gordon E. Dehler, St. Paul, Minn.;
B.A. (University of Northern Colorado);
Journalism
- Janet Oressa Dehler, Boulder, Colo.;
B.A. (University of Northern Colorado);
Journalism
- Rita H. Dela Cruz, Columbus;
B.S. (University of the East); *Education*
- Edwin Hugh DeMoss, Covington, Ky.;
B.F.A. (University of Cincinnati);
Journalism
- Timothy Coles Dennison, Oberlin;
B.S.Ed. (Northwestern University);
Education
- Patricia C. Dickens, Pamplin, Va.;
B.S. (Radford College); *Physical Education*
- Richard D. DiPiero, Girard;
B.S.; *Education*
- Rebecca Louise Dixon, Salem;
B.A. (Youngstown State University);
Education
- Jonathan B. Dodson, El Paso, Tex.;
B.S. (United States Military Academy);
Business Administration
- Denise Downs, Columbus;
B.S.Ed., B.A.;
Romance Languages and Literatures
- Michael Glenn Drown, Clyde;
B.A.; *Sociology*
- Bonnie Casper Drushal, Wooster;
B.A. (University of Illinois);
Public Administration
- Pamela Little Durrett, Sunbury;
B.S.Ed.; *Education*
- Bernard Ighosutu Edewor, Warri, Nigeria;
B.A. (Ohio University); *Black Studies*
- Joyce Sullivan Edmiston, South Charleston;
B.S.Ed.; *Education*
- Eleanor A. Egger, Columbus;
B.S.Ed. (Ohio University); *Education*
- Susan Evelyn Engel, Far Rockaway, N. Y.;
A.B. (Wesleyan University); *Education*
- Lorrie Enkara, Canton;
B.A.; *History*

- Jodeen Evelyn Erfurt, Galion;
B.A.; *Communication*
- Ruth Arleen Everson, Disputanta, Va.;
B.A. (Virginia State College); *Sociology*
- A'amer Farooqi, Karachi, Pakistan;
B.A. (Denison University); *Journalism*
- Douglas Carter Fink, Zanesville;
B.A. (Hiram College); *Education*
- Elizabeth Fleisher, Salisbury, Rhodesia;
L.R.A.M. (Royal Academy of Music);
Music
- Harold James Flu-Allen, London;
B.S.Ed.; *Education*
- Ellen L. Ford, Washington C.H.;
B.S.Mus.Ed.; *Education*
- Lynn Z. Foster, Columbus;
B.A.; *Education*
- Jeanette Lynn Fraser, Huntsville;
B.A.; *Political Science*
- Robert Lewis Frazier, III, Grove City;
B.S.; *Education*
- Kay Hill Frederick, Urbana;
B.A.; *Psychology*
- Joan Terese Freeman, Columbus;
B.A.; *Romance Languages and Literatures*
- Craig Alfred Garrelts, Columbus;
B.A. (Capital University);
Public Administration
- James Orrin Geitgey, Bowling Green;
B.A. (Ohio Northern University);
Public Administration
- Charles E. Gerlach, Columbus;
B.A. (Capital University);
B.D. (Evangelical Lutheran Theological Seminary); *Education*
- Elizabeth L. Gilson, Columbus;
B.A. (University of Connecticut);
Education
- Karen Ann Gober, Altavista, Va.;
B.A. (Randolph-Macon Woman's College);
Dance
- Sheldon Gerald Gordon, South Euclid;
B.A.; *Physical Education*
- Jean Northrop Green, Columbus;
B.S.Ed. (Capital University); *Education*
- Vivien Maxine Green, Toms River, N. J.;
B.A.; *History of Art*
- Sharon Schwartz Gutterman,
Richmond, Va.;
B.S. (College of William and Mary);
Education
- James Garnett Hairston, Jr., Dayton;
A.B. (Ohio University); M.S.W.;
Public Administration
- Rebecca Doll Hammerschmidt, Troy;
B.A.Jour.; *Journalism*
- Andrea Warren Hamos, Oradell, N. J.;
B.A. (University of Pennsylvania);
Romance Languages and Literatures
- James Robert Haney, Pittsburgh, Pa.;
B.S.Ed.; *Physical Education*
- Sharla Birkhimer Harmon, Urbana;
B.S. (Urbana College); *Education*
- Thomas David Harrington, Columbus;
B.S.Ed.; *Education*
- Charlene Ophelia Harris, Edenton, N. C.;
B.S. (Elizabeth City State University);
Art Education
- Stephen A. Hedge, Worthington;
B.S.; *Public Administration*
- Roger Eliot Herman, Hilliard;
B.A. (Hiram College);
Public Administration
- Amy Rebecca Heyman, Hollywood, Fla.;
B.A.; *History*
- Pamela Hicks, Shelby;
B.S.Ed.; *Education*
- Bruce Hirsch, Columbus;
B.A. (Yale University); *Psychology*
- Roseann Hirshman, Skokie, Ill.;
B.A.; *Communication*
- Marsha Sue Holdsworth, Canton;
B.S.Agr.; *Journalism*
- Charlotte Stall Holter, Vandalia;
B.S.H.E.; *Journalism*
- Don Howard, North Caldwell, N. J.;
B.A. (Ohio Northern University);
Public Administration
- Mary Connor Howard, Columbus;
B.A. (Miami University);
Public Administration
- *Helga Katharina Huddle, Columbus;
German
- Glen Douglas Hudson, Columbus;
B.S.Soc.Wel.; *Education*
- Paul A. Hudson, Coatesville, Pa.;
B.S.Ed.; *Physical Education*
- Clifford Joseph Hurndon, New Orleans, La.;
B.A. (University of Notre Dame);
Psychology
- William Reed Huss, Baltimore, Md.;
B.A. (Gettysburg College);
Public Administration
- Constance LeEsther Irving,
Pompano Beach, Fla.;
B.A. (Oakwood College); *Education*
- Georgette Margaret Izen,
Binghamton, N. Y.;
B.A. (State University of New York College at Cortland); *Education*
- Freddie Warren Jackson, Newark, N. J.;
B.A.; *Black Studies*
- Henry Owen Jacoby, Lorain;
B.A.; *Philosophy*
- David F. Jones, Columbus;
B.S. (Otterbein College); B.Mus., M.S.;
Music
- Lynda Diane Kahn, Beachwood;
B.S.Ed.; *Education*
- Carol Grad Kalin, Columbus;
B.A. (University of Rochester); *Education*
- Judith Engelstein Kaplan, New York, N. Y.;
B.A. (Queen's College); *Education*
- Robert Paul Kappler, Columbus;
B.S. (Oklahoma State University);
Education
- Michael Kareem Karim, Cleveland;
B.S.; *Education*
- Harlow J. Keith, Toledo;
A.B. (Kenyon College);
Public Administration
- Carol Welton Kelly, Philadelphia, Pa.;
B.A. (Combs College of Music); *Dance*
- William F. Kerwin, Norwood;
B.A. (Xavier University); *English*
- Brian Allen King, Pittsburgh, Pa.;
B.A. (Pennsylvania State University);
Political Science
- Dennis Arthur Kirk, Florham Park, N. J.;
B.S.; *Public Administration*
- Sharon Ellen Kitain, Dayton;
B.S.; *Education*
- Kathleen Knolle, Rosenberg, Tex.;
B.A. (Trinity University); *Education*
- Randall G. Koch, Sandusky;
B.A. (Capital University); *Education*
- Joseph Edward Kole, Columbus;
B.S.; *Anthropology*
- Laurie M. Kozar, Euclid;
B.S.Soc.Wel.; *Education*
- Daniel W. Krivicich, Jr., Columbus;
B.F.A. (Ohio University); *Education*
- Constance L. Kudart, Zanesville;
B.A. (Illinois State University); *Education*
- Lorraine Ann Kumor, Elizabeth, N. J.;
B.A. (Kean College); *Communication*
- Carol Labuz, Columbus;
B.A. (State University of New York College at Oswego); *Journalism*
- Ronald Matthew Labuz,
New York Mills, N. Y.;
B.A. (State University of New York College at Oswego); *Philosophy*
- Jon W. LaCure, Portland, Ore.;
B.A. (University of Oregon);
East Asian Languages and Literatures
- Wendy Ann Lawrence, Edina, Minn.;
B.S.; *Anthropology*
- Carolyn Stewart Lay, St. Louis, Mo.;
B.A. (Fisk University);
Public Administration
- Annette Wiley Lee, Columbus;
B.A. (Beloit College); *Education*
- Man Ching Daisy Lee, Hong Kong;
B.A. (West Liberty State College); *History*
- Richard J. Lehmann, Columbus;
B.S. (Morris Harvey College); *Education*
- Robert William Lent, Brooklyn, N. Y.;
B.A. (State University of New York College at Albany); *Psychology*
- Marilyn Alcott Leymaster, Westerville;
B.S.Ed.; *Education*
- Timothy Charles Lloyd, Columbus;
B.A.; *Industrial Design*
- Terrance Allen Mack, Dayton;
B.S.; *Education*
- E. Margaret MacMinn, Williamsport, Pa.;
B.A. (Indiana University of Pennsylvania);
Anthropology
- John H. Mahaffey, Northampton;
B.A. (University of Akron);
Public Administration
- Thomas Anthony Maraffa, Columbus;
B.A.; *Geography*
- Estelle Ida Mark, Cleveland;
B.S.Ed.; *Education*
- Mary Rita Maxwell Marker, Worthington;
B.S.Ed.; *Education*

* Also Bachelor of Arts, Colleges of the Arts and Sciences

- Howard Dale Martin, Jr., Grove City;
B.Mus.Ed. (Capital University); *Music*
- Terry M. Martin, Zanesville;
B.A. (Muskingum College); *Education*
- Jan Tietze Martinez, Rome, N. Y.;
B.A. (State University of New York College at Oswego);
Slavic Languages and Literatures
- Paul Louis Massa, Newark;
LL.B. (Blackstone School of Law);
B.S.Bus.Adm. (Franklin University);
M.A. (Central Michigan University);
Journalism
- Helen Kowalski Masters, Columbus;
B.S.Ed.; R.N. (Mount Carmel Hospital);
Education
- James H. May, Plain City;
B.A.Ed. (Capital University);
M.Ed. (Xavier University); *Education*
- Robert Mayo, Washington, D. C.;
B.A. (George Washington University);
Communication
- Patricia Ruth McCarthy, Pittsburgh, Pa.;
B.A. (Pennsylvania State University);
Psychology
- Wayne Irvin McCoy, Washington C. H.;
B.A. (Capital University);
Public Administration
- Barbara Maxine McIntosh, Camden, S. C.;
B.A. (Hampton Institute);
Public Administration
- George Sumner Mellen, Berea;
B.A. (Miami University); *Political Science*
- Mary Jeanne Metz, Princeton, N. J.;
B.S. (Kent State University);
Public Administration
- Anne McGraw Miller, Gahanna;
B.S. (Mercy College of Detroit); *Education*
- David Steven Misko, Lorain;
B.A.; *Geography*
- Donald Herbert Moore, Jr., Columbus;
B.S.Ed.; *Education*
- Richard Charles Moore, Hamilton;
B.S. (Ohio University); *Journalism*
- Judy Ann Mullins, Granville;
B.A. (Berea College); *Education*
- Jane Murphy, Lima;
B.S.Ed.; *Education*
- David S. Nateman, Columbus;
B.F.A.; *Art Education*
- Phyllis Millasp Newman, Columbus;
B.A.; *Public Administration*
- David Alan Nibert, Springfield;
B.A.; *Sociology*
- Larry C. Oehler, Prospect;
B.A. (Capital University); *Education*
- Mary Anne Oreutt, Worthington;
B.A.; *Psychology*
- Carolyn Berry Pace, Columbus;
B.A. (Bowling Green State University);
Public Administration
- Molly L. Palsgrove, Canal Winchester;
B.S.Ed. (Capital University); *Education*
- Janet Lee Patrick, Columbus;
B.S.Ed. (Otterbein College); *Education*
- Susan W. Paynter, Pittsburgh, Pa.;
B.S.Ed. (Ashland College);
Physical Education
- Thomas Steven Peet, Westerville;
B.S.Ed.; *Education*
- Rebecca Lynn Pfahler,
New Providence, N. J.;
B.S.Ed. (Otterbein College); *Education*
- Stephen Clifton Philbrick,
Murrysville, Pa.;
B.A. (College of Wooster);
Physical Education
- Kenneth W. Pickerill, Columbus;
B.S.Ed. (Miami University);
M.Div. (Asbury Theological Seminary);
Education
- Linda Sue Pickerill, Columbus;
B.S.Ed. (University of Cincinnati);
Education
- Leonard R. Piotrowski, Cleveland;
B.A.; *Anthropology*
- Claire McGuire Porter, Sebastopol, Calif.;
B.A. (College of New Rochelle); *Dance*
- Sue Stamm Railsback, Mt. Vernon;
B.S.Ed. (Ohio University); *Education*
- Scott Reed Rankin, Marion;
B.A. (Ashland College); *Communication*
- Randy Vincent Ransleben, Beaumont, Tex.;
B.A. (Lamar University); *Education*
- Elva Lois Ratchford, Talladega, Ala.;
B.A. (Clark College);
Romance Languages and Literatures
- Roberta Black Reaves, Norwich;
B.S.Ed. (University of Akron); *Education*
- Martha Mae Reese, Martins Ferry;
B.A.; *Communication*
- Julianne Reeves, Dayton;
B.S.; *Education*
- Maravia A. Reid, Norfolk, Va.;
B.A. (Virginia Union University);
Journalism
- Joseph Anthony Ricci, Columbus;
B.S.; *Education*
- Sherrel Ann Rieger, Dover;
B.A.; *Romance Languages and Literatures*
- Ruth Dorothy Robb, Marion;
B.S. (Michigan State University);
Education
- Joseph Bradin Roberts, Columbus;
B.A.; *History*
- Robin R. Rockey, Columbus;
B.S.Ed. (Ohio University);
Physical Education
- Momo Kpakka Rogers, Liberia;
B.A. (Lincoln University); *Journalism*
- Denise Rees Rohrbacher, Columbus;
B.Mus. (Capital University); *Music*
- F. Martin Rookard, Columbus;
B.A. (Ramapo College of New Jersey);
Public Administration
- *Thomas Lawrence Root, Plymouth;
B.A.; *Journalism*
- Jeri-ellen Rose, South Euclid;
B.S.Ed.; *Education*
- Joel D. Rosenberg, Columbus;
B.S.; *Education*
- Arlene Chudnof Ross, Lexington;
B.S.Ed. (Miami University); *Education*
- Henrietta E. Rue, Greenwich, Conn.;
B.A. (Duke University); *Education*
- Douglas Lansing Sadler, Charlotte, N. C.;
B.S.Ed. (Winston-Salem State University);
Public Administration
- Matthew Jay Sagers, Clover, Utah;
B.S. (Weber State College); *Geography*
- Rotimi Oladipo Salu, Lagos;
B.A.; *Journalism*
- Elizabeth B.-N. Sanders, Cincinnati;
B.A. (Miami University); *Psychology*
- Marianne F. Scheckelhoff, Leipsic;
B.S. (Saint Francis College); *Education*
- Lawrence Robins Schehr, Columbus;
B.A. (Clark University);
Romance Languages and Literatures
- Marie Teresa Schirtzinger, Columbus;
B.A.; *Education*
- Rita Schneider, Oberhausen, West Germany;
Philosophicum (Rheinisch Westfälische
Technische); *Geography*
- Ann Thompson Schnelzer, Columbus;
B.S.Ed. (University of Cincinnati);
Education
- Robert H. Schron, Troy, N. Y.;
B.A. (University of Vermont);
Communication
- Caryl Jo Schull, Shelby;
B.A. (Ohio Dominican College); *Education*
- Kevin Makay Schumacher, Columbus;
B.A.; *Psychology*
- Frances Kingsbury Scott, Columbus;
B.S.Ed.; *Education*
- Stephen Henry Seall, Xenia;
B.A., B.S.Ed.; *Education*
- Wayne Allen Secord, Columbus;
B.S.; *Education*
- Daniel Samson Serbin, Painesville;
B.S.; *Public Administration*
- Stephen Daryl Shaffer, New Orleans, La.;
B.A. (Louisiana State University and
Agricultural and Mechanical College);
Political Science
- Kathleen Elizabeth Shelly, Alpha, N. J.;
B.A. (Rutgers University);
Romance Languages and Literatures
- Cynthia Shilling, Ashland;
B.A. (Wellesley College); *German*
- Diane Louise Shoos, Shaker Heights;
B.A. (Denison University);
Romance Languages and Literatures
- Helen Louise Shope, Chillicothe;
B.S.Ed. (Ohio University); *Education*
- Jack Lee Shortlidge, Columbus;
B.A.; *English*
- Barbara Ann Shrager, Voorheesville, N. Y.;
B.A. (State University of New York College at
Binghamton); *Journalism*
- William Jerry Simpson, Marysville;
B.S.Ed.; *Education*
- Joan Smith, Nelsonville;
A.D. (Hocking Technical College);
B.S. (Kent State University); *Education*
- Marie Bernley Smith, Gahanna;
B.Mus.Ed. (Central Michigan University);
Music

* Also Juris Doctor, College of Law.

Nancy Thompson Smith,
Drayton Plains, Mich.;
B.M. (Hope College); *Music*

Steven Ross Smith, Lakeside;
B.A. (Miami University); *Political Science*

Charles A. Spangler, Gahanna;
B.S.Ed. (Capital University);
Physical Education

Susan Sparr, Raytown, Mo.;
B.S.Ed. (University of Missouri);
Education

Brenda Jean Stearns, Canton;
B.A.; *Education*

Colleen Grey Stemen, Pickerington;
B.S.Ed.; *Education*

Harold Lewis Stemen, Jr., Pickerington;
B.S.Ed.; *Education*

Anne Hoots Stevens, Columbus;
B.A. (Meredith College); *Education*

Philip Gleason Stewart, Jr.,
Sacramento, Calif.;
B.A. (Sacramento State College);
Education

Francetta Deanna Stokes, Nashville, Tenn.;
B.S. (Tennessee State University); *Music*

Pamela J. Strobe, Junction City;
B.A. (University of Notre Dame);
Education

Tina Marie Sullivan, Columbus;
B.S.Ed.; *Education*

Maryalice Shockey Susi, Columbus;
B.S.Ed.; *Education*

Janice L. Sutura, Wallingford, Pa.;
B.A. (University of Delaware); *Education*

Graylyn Marie Swilley, Jacksonville, Fla.;
Black Studies

Nancy Irene Swingle, Newark;
B.S.Ed. (Wittenberg University);
Education

Robert Guy Swisher, Bryan;
B.A.; *Sociology*

Joyce M. Szydlowski, Steubenville;
B.S.Ed. (College of Steubenville);
Education

Sandra L. Talan, Minneapolis, Minn.;
B.S.G. (Ohio University); *Education*

Faith H. Teitelbaum, Lancaster;
B.S.Ed. (Ohio University); B.S.; *Education*

William Anthony Testa, Parma
B.A. (Northwestern University);
Economics

Meredith Seyer Thimme,
Upper Montclair, N. J.;
B.A. (University of Vermont); *Education*

Norma Jean Fluker Thomas, Cleveland;
B.S.Ed. (Cleveland State University);
Education

Randy L. Thomas, Springfield, Mo.;
B.F.A. (Southwest Missouri State
University); *Dance*

Jacqueline Thomason, Talladega, Ala.;
B.A. (Talladega College); *Education*

Mary Elizabeth Thornburgh, Columbus;
B.S.Ed. (Bowling Green State University);
Education

Jacqueline M. Toth, Columbus;
B.A. (Wilmington College); *Education*

Christine Sorchy Trussell, Columbus;
B.S.Ed.; *Education*

Edward Reed Turnbull, Lancaster;
B.A. (Kenyon College); *Philosophy*

Marietta Shepard Turner, Columbus;
B.S. (Alabama State College); *Education*

Janet Lynn Tyree, St. Albans, W. Va.;
B.S. (West Virginia State College);
Public Administration

Stephen Reed Ulrey, Columbus;
B.S.Ed.; *Education*

Glenda Jean Underwood, Philadelphia, Pa.;
Education

Lorelei Jane VanWey, Columbus;
B.A.Jour.; *Journalism*

Gennaro Francis Vito, Niagara Falls, N. Y.;
B.A., M.A. (State University of New York
College at Cortland); *Public Administration*

Delaine Wagner, Columbus;
B.S.Ed.; *Education*

J. Michael Walker, South Bend, Ind.;
B.A. (Indiana University); *Psychology*

Edward James Weintraut,
Philadelphia, Pa.;
B.A. (LaSalle College); *German*

Harold Leighton Weller, Dayton;
B.Mus. (Miami University); *Music*

RaMarie Whipple, Columbus;
B.Mus.Ed.; *Music*

Mary Beth Wiggernhorn, Dayton;
B.S.Soc.Wel.; *Public Administration*

Deborah Cherrie Wilder, Raleigh, N. C.;
B.A. (University of North Carolina);
Public Administration

Darryl Jeffrey Will, Cleveland;
B.A.; *Communication*

James C. Williams, Columbus;
B.S.Soc.Wel.; *Public Administration*

Alan E. Williamson, Cleveland;
B.A. (Miami University);
East Asian Languages and Literatures

Thomas S. Willing, Seattle, Wash.;
B.A. (University of Oregon); *Dance*

Constance Elaine Wilson, Jackson, Mich.;
B.A. (Tougaloo College); *Education*

David W. Wirick, Columbus;
B.A. (Kent State University);
Public Administration

Dorothy Marie Wolf, Brooklyn, N. Y.;
B.S. (Brooklyn College);
Physical Education

Cynthia Baumgardner Wooten, Columbus;
B.S. (Bluefield State College); *Education*

Adele Joy Yessenow, Lima;
B.S.Soc.Wel.; *Physical Education*

Chaiya Yinwilai, Bangkok, Thailand;
B.A. (Ohio Northern University);
Public Administration

Jeffrey J. York, Dayton;
B.A.; *History of Art*

Loretta Lorraine Young, Coatesville, Pa.;
B.A. (Lincoln University);
Public Administration

Nancy Linda Wise Zack, Steubenville;
B.A. (Muskingum College); *Education*

Melanie McClure Ziegler, Springfield;
B.S.Ed. (Miami University);
Romanic Languages and Literatures

Master of Business Administration

Thirty-seven candidates

Walter Willis Anderson, Columbus;
B.A. (Miami University);
Business Administration

Dianne Davis Balthaser, Columbus;
B.S.; *Business Administration*

Arvind K. Bhatt, Columbus;
B.E. (University of Poona, India);
Business Administration

Marilyn Patricia Brown, Columbus;
B.S.Bus.Adm. (Bowling Green State
University); *Business Administration*

Wesley Earl Brown, Delaware;
B.A. (Grove City College);
Business Administration

Michael T. Chapman, Stow;
B.S. in Bus. (Miami University);
Business Administration

Raymond Thomas Collins, Westlake;
B.S.Ch.E., M.S.; *Business Administration*

Manabendra Nath Das, Columbus;
B.Sc. (Agra University); B.Tech. (India
Institute of Technology); M.S. (Oklahoma
State University); Ph.D.;
Business Administration

Albert Wesley Erickson, III, Bay Village;
B.B.A. (Kent State University); M.P.A.;
Business Administration

Sharon V. Fladen, Bethesda, Md.;
B.A. (Emory University);
Business Administration

Rafael Gabino Hernández,
Mexico City, Mex.;
Licenciado (LaSalle University);
Business Administration

Timothy A. Hopkins, Massillon;
B.S. (Rensselaer Polytechnic Institute);
Business Administration

Donald Gene Howard, Tallmadge;
B.S.Bus.Adm.; *Business Administration*

Madelyn Cheron Isaacs, Columbus;
B.S. (Cornell University);
Business Administration

William David Isenstein, Toledo;
B.S.Bus.Adm.; *Business Administration*

Daniel Clinton Johnson, Berlin, N. J.;
B.S.E.E. (Rutgers University);
Business Administration

Diana B. Kacmar, Binghamton, N. Y.;
B.S.Bus.Adm.; *Business Administration*

Motoaki Kaneko, Tokyo, Japan;
B.Econ. (University of Tokyo);
Business Administration

Richard E. Klausinger, Leipsic;
B.S.Ed.; *Business Administration*

Michael F. Kukla, Columbus;
B.A. (Cleveland State University); M.A.;
Business Administration

William Elzy McCollough, Columbus;
B.S.Bus.Adm.; *Business Administration*

Margaret Raab McGuire, Pittsburgh, Pa.;
B.A. (Miami University);
Business Administration

Kenneth Ronald Mullé, Nashville, Tenn.;
B.S. (University of Tennessee);
Business Administration

John Matthews Pearce, Gaffney, S. C.;
B.S.Bus.Ad.; *Business Administration*

Franklin Delano Reynn, Columbus;
B.S. (Tulane University);
Business Administration

James R. Rogers, Dayton;
B.A. (University of Dayton);
M.S. (Case Western Reserve University);
Business Administration

John Richard Santeler, Columbus;
B.S.; *Business Administration*

Janet Fulk Schriesheim, Columbus;
B.A. (Michigan State University);
Business Administration

Shirley Ann Shepherd, Pine Mountain, Ga.;
B.A. (Clark College);
Business Administration

Norton W. Smallwood, Jr., Granville;
B.S. (University of Washington);
Business Administration

John Christian Stoffregen, Maumee;
B.S.Bus.Ad. (University of Notre Dame);
Business Administration

George Aaron Taylor, Bucyrus;
B.S.I.E.; *Business Administration*

Jeffrey E. Todd, Columbus;
B.S.Rest.Mgt.; *Business Administration*

Gwendolyn Totterdale, Martins Ferry;
B.S.Bus.Ad.; *Business Administration*

Mary Ann Von Glinow, Columbus;
B.A. (Bradley University); M.A.;
Business Administration

Christopher Dean Wilson, Cincinnati;
B.S.Bus.Ad.; *Business Administration*

David Ernest Zang, Gibsonia, Pa.;
B.S. (Duquesne University);
Business Administration

Master of City and Regional Planning

Thirty-six candidates

Casimir Oduanze Aladi, Orul, Nigeria;
Diploma (University of Science and
Technology); B.A. (Miami University);
City and Regional Planning

Gordon Allen Arnold, Columbus;
B.A., M.A.; *City and Regional Planning*

Richard Francis Barbone,
Pt. Pleasant, N. J.;
B.S.Bus.Ad. (Seton Hall University);
City and Regional Planning

Len D. Betz, Bartlesville, Okla.;
B.A. (Baylor University);
City and Regional Planning

Roger Bispeck, Girard;
B.S.Arch.; *City and Regional Planning*

Richard Joel Bruckner, New London, Conn.;
B.A. (Hartwick College);
City and Regional Planning

Louis Michael Carnevale, Seacaucus, N. J.;
B.A. (Tulane University);
M.A. (University of Delaware);
City and Regional Planning

Andrea Beth Charna, Columbus;
B.S.Ed.; *City and Regional Planning*

Richard Brooks Davis, Jr., Circleville;
B.A. (Miami University);
City and Regional Planning

Ray Edward DeGraw, Budd Lake, N. J.;
B.A. (Jersey City State College);
City and Regional Planning

Kathleen Merie Dunbar, Columbus;
B.A. (Denison University);
City and Regional Planning

James Hugh Edwards, Columbus;
B.A.; *City and Regional Planning*

Margery Ann Fulmer, Columbus;
B.A. (Wilmington College);
City and Regional Planning

Joanne B. Gilbert, Lexington, Mass.;
B.S. (Bradley University); M.A.;
City and Regional Planning

Bennie Lee Glover, Oxford, N. C.;
B.S. (North Carolina Agricultural and
Technical State University);
City and Regional Planning

Lou Ann Gower, Buffalo, N. Y.;
B.A. (State University of New York College
at Buffalo); *City and Regional Planning*

Anna S. Graham, Columbus;
B.A.; *City and Regional Planning*

John MacKay Janson, Ridgewood, N. J.;
B.S. (University of Utah);
City and Regional Planning

Benjamin Tappan Kenny, Baltimore, Md.;
A.B. (Kenyon College);
City and Regional Planning

Salauddin Ghani Khan, Karachi, Pakistan;
B.Arch. (University of Oregon); M.A.Arch.;
City and Regional Planning

Cheryl Lynn King, Winston-Salem, N. C.;
B.A. (Cornell College);
City and Regional Planning

Glenn Eric Larson, Worthington;
B.A. (Miami University);
City and Regional Planning

Steven Magida, New York, N. Y.;
B.G.S. (Kent State University);
City and Regional Planning

Ray William Peterson, Madison, Wis.;
B.S. (University of Wisconsin);
City and Regional Planning

Steven Everett Phillips, Ashville;
B.S.Arch., M.Arch.;
City and Regional Planning

Frederick Popper, New York, N.Y.;
B.A. (State University of New York College
at Cortland); *City and Regional Planning*

Mark D. Regan, Brookline, Mass.;
B.S. (University of Massachusetts);
City and Regional Planning

Joseph E. Rhoads, Jr., Orange, Conn.;
B.S.Bus.Ad. (University of Dayton);
City and Regional Planning

Maria Marguerite Rudzinski, Bratenahl;
B.A. (College of William and Mary);
City and Regional Planning

Mark Allen Saunders, Jefferson City, Mo.;
B.S.Envir.Des. (University of Oklahoma);
City and Regional Planning

David Alan Scher, Westfield, N. J.;
A.B. (Albright College); M.A.;
City and Regional Planning

Reinhold Franz Schmid,
Munich, West Germany;
Graduierter Ingenieur (Fachhochschule
Muenchen); *City and Regional Planning*

Paul Alan Smith, Oakland, Calif.;
B.A., M.A. (California State University);
City and Regional Planning

Sean Thomas Stewart, Columbus;
A.B. (Ohio University);
City and Regional Planning

Mark Joseph Stuecheli, Akron;
B.S.Arch.; *City and Regional Planning*

Carl Richard Wechter, Brooklyn, N. Y.;
B.A. (Brooklyn College);
M.A. (Miami University);
City and Regional Planning

Master of Fine Arts

Seven candidates

Laszlo Biris, Jr., Marion;
B.F.A.; *Art*

Anthony Charles Dobrowski,
Silver Springs, Md.;
B.S. (University of Maryland); *Theatre*

Mary Hathaway Lepper, Kingston, R. I.;
B.F.A. (Maryland Institute); *Art*

Kathleen Clare Lockhart, Pittsburgh, Pa.;
B.S. (Temple University); *Theatre*

Sharon Ann McDade, Middletown;
B.S.Ed. (Miami University); *Theatre*

Ron Milhoan, Lexington, Neb.;
B.F.A. (University of Nebraska); *Art*

John W. Niemi, Jr., Parasangate, Id.;
B.A. (Indiana University); *Art*

Master of Music

Nine candidates

Sue L. Black, Washington C. H.;
B.Mus. (Capital University); *Music*

Terry Maureen Boltz, Columbus;
B.S.Ed.; *Music*

Richard M. Chitty, Columbus;
B.Mus.Ed.; *Music*

Suzan Marie Kramp, Montgomery, N. Y.;
B.Mus. (Susquehanna University); *Music*

Pamela Placeway Meyer, Lapeer, Mich.;
B.Mus. (College of Wooster); *Music*

Carol Elaine Rausch, Columbus;
B.S.Mus. (Indiana University); *Music*

Joseph Vernon Schultz, St. Mary's;
B.Mus.; *Music*

Janice Walker Sprecher, Columbus;
B.Mus.Ed. (Otterbein College); *Music*

Miranda Yee, Columbus;
B.Mus.; *Music*

Master of Public Administration

Fourteen candidates

Douglas Alan Brown, Cincinnati;
B.S. (Georgetown College);
Public Administration

Thomas B. Carawan, Norfolk, Va.;
A.B. (College of William and Mary);
Public Administration

Douglas R. Fertig, Columbus;
B.A. (Oberlin College);
M.A. (Stanford University);
Public Administration

Joseph J. Gigliano, Loveland;
B.A. (College of Wooster);
Public Administration

George Whitting Harrington,
Palos Heights, Ill.;
A.B. (John Carroll University);
Public Administration

Michael R. Hattery, Medina;
B.A. (Marietta College);
Public Administration

Suzanne M. Hockley, Cincinnati;
B.A. (Miami University);
Public Administration

Gregory Paul Koehler, Springfield;
B.A.; *Public Administration*

Kenneth C. Molli, Cuyahoga Falls;
B.A. (Ohio University);
Public Administration

James Vincent Moroney, Cleveland;
B.A. (Xavier University);
Public Administration

William T. Morrison, Detroit, Mich.;
B.S. (Michigan State University);
Public Administration

Timothy Ignatius Murphy, Marion;
B.A. (John Carroll University);
Public Administration

William John Slowter, Columbus;
B.F.A.; *Public Administration*

John Robert Strutner, Athens;
A.B. (Ohio University);
Public Administration

Master of Science

Two hundred and thirty-eight candidates

Adewale Adetokunbo Adigun,
Lagos, Nigeria; B.S.A.A.E.;
Aeronautical and Astronautical Engineering

W. Daniel Alder, Logan;
D.D.S.; *Dentistry*

Billie Joseph Alexander, Crooksville;
B.S. (United States Military Academy);
Electrical Engineering

Larry Jay Alexander, Brooklyn, N. Y.;
B.A. (State University of New York at
Binghamton);
Computer and Information Science

Campbell Blackburn Amos, Columbus;
B.S.; *Civil Engineering*

Ruth Mastin Anderson, Columbus;
B.A. (Macalester College);
Home Economics

Dan N. Andrei, Bucharest, Romania;
Diploma de Inginier (Universitatea Din
Craiova); *Electrical Engineering*

Philip Kerney Arnold, Dayton, Tenn.;
B.S. (Tennessee Technological University);
D.D.S. (University of Tennessee);
Dentistry

Daniel J. Bagi, Trotwood; B.S.I.E.;
Industrial and Systems Engineering

Mario T. Balmaseda, Jr.,
Bacoor Cavite, Philippines;
B.S., M.D. (University of the Philippines);
Physical Medicine

Bamdad Bastani, Richmond, Va.;
B.S.E.E. (University of Arkansas);
Electrical Engineering

Fouad Mohamed Sayed Bayomy,
Cairo, Egypt; B.Civil Eng.
(Cairo University); *Civil Engineering*

Michael Roy Berman, Columbus;
B.S. (City College); *Physiology*

Jane E. Bialaszewski, Dunkirk, N. Y.;
B.S. (State University of New York College
at Fredonia); *Allied Medical Professions*

Mary Ellen Straub Binns, Columbus;
B.S.H.E.; *Home Economics*

Karl Richard Birky, Salem;
B.S. (Goshen College);
Allied Medical Professions

Virginia Davidhizar Birky, Salem;
B.S.Ed. (Goshen College); *Home Economics*

Marcia Graham Bond, Westerville;
B.S.Nurs. (Cornell University); *Nursing*

Patricia S. Borchers, Erlanger, Ky.;
B.A. (Thomas More College); *Mathematics*

Karen Eva Borrelli, Fairview Park;
B.A. (Wittenberg University);
Allied Medical Professions

Mary Marguerite Boucherle, Youngstown;
B.S. (Youngstown State University);
Environmental Biology

Thomas Michael Brewer, Fairview Park;
B.S.; *Mathematics*

J. Robert Briscoe, Barberton;
B.S.Bus.Adm.; *Allied Medical Professions*

David Christopher Brown,
London, England;
B.Sc. (North Staffordshire Polytechnic);
M.Sc. (University of Kent);
Computer and Information Science

David Victor Brown, Newark;
B.S.Agr.E.; *Agricultural Engineering*

Harold Kent Brown, Fort Lauderdale, Fla.;
B.S.E.E. (Florida Institute of Technology);
Electrical Engineering

Jeffery Alan Brown, Powhatan Point;
B.S.E.P.; *Nuclear Engineering*

Nancy Kathleen Brown, Kent;
B.S. (Ohio University);
Computer and Information Science

Dennis B. Burnside, West Carrollton;
B.S. (Michigan State University);
Computer and Information Science

John Scott Burton, Brecksville;
B.S.C.E.; *Civil Engineering*

David Brian Cameron, Birmingham, Mich.;
B.A. (Albion College);
Allied Medical Professions

Elizabeth Ann Campbell, Columbus;
B.S.Nurs.; *Nursing*

Diana L. Cardina, Akron;
B.S.H.E.; *Home Economics*

Stephen Alan Carver, Columbus;
B.S.Agr.; *Plant Pathology*
Waunidi Changamire-Johnson,
Yukon, W. Va.;
B.S.; *Preventive Medicine*

Lien-Chwan Chen, Lung-Tan, Taiwan;
B.S. (Fu-Jen Catholic University);
Chemistry

Benjamin Reps Cogswell, Marietta;
B.S. (Purdue University);
Animal Science

Nikki Lynn Schaffer Conklin, Ostrander;
B.S.H.E.; *Home Economics*

William Allen Conklin, Ostrander;
B.S.Agr.; *Agricultural Education*

Elizabeth Patton Connell, Terrace Park;
B.A. (Miami University);
Natural Resources

Therese S. Connor, Columbus;
Home Economics

Thomas John Conway, Cumberland, R. I.;
B.S. (University of Notre Dame);
Chemistry

Susan Marie Cook, Poway, Calif.;
B.A. (University of San Diego);
Computer and Information Science

Albert C. Croft, Niles;
B.S.Pharm.; *Pharmacy*

Mary Ann Danko, Campbell;
B.S. (Youngstown State University);
Physics

Arabinda Kumar Das, Narendrapur, India;
B.Sc. (Calcutta University); *Chemistry*

Bruce A. Davis, Alliance;
B.A. (Hiram College);
Computer and Information Science

Kenneth Dale Davis, Leesburg;
B.S.Agr.; *Agricultural Education*

Robert Emerson Davis, Columbus;
D.D.S.; *Dentistry*

Joseph Michael Debes, Evansville, Ind.;
B.S. (United States Air Force Academy);
Physics

Charles A. DeCarlucci, Erie, Pa.;
B.S. (Pennsylvania State University);
Mathematics

Anthony John DeFazio,
Punxsutawney, Pa.;
Physiological Optics

Daniel Manoharan Jothiraj Devasirvatham,
Kandy, Sri Lanka;
B.S.Eng. (University of Sri Lanka);
Electrical Engineering

John Laurence Donaldson, Lyndhurst;
B.S. (Case Western Reserve University);
M.S., Ph.D.;
Computer and Information Science

Edward G. Drahos, Avon;
B.S., B.S.C.E.; *Civil Engineering*

Joseph Richard Duda, Cleveland;
B.S., D.D.S. (Case Western Reserve
University); *Dentistry*

James Andrew Dudick, Columbus;
B.S. (Case Western Reserve University);
Electrical Engineering

Michael Charles Dudzik,
Sterling Heights, Mich.;
Nuclear Engineering

Robert Earl Ellis, Columbus
B.S.; *Mathematics*

Levent Ersoy, Ankara, Turkey;
Electrical Engineering

Diane Marie Evans, Bemus Point, N. Y.;
B.A. (Mount Union College);
Natural Resources

John Samuel Evans, Columbus;
B.S. (Heidelberg College);
Chemical Engineering

¹ Also Bachelor of Science in Home Economics,
College of Agriculture and Home Economics
² Also Doctor of Optometry, College of Optometry

- Harry George Faust, Racine, Wis.;
B.S. (University of Wisconsin);
Industrial and Systems Engineering
- Karen Bloom Faust, Peebles;
B.S.H.E.; *Agricultural Education*
- Thomas McDonald File, Jr., Columbus;
B.A. (Albion College);
M.D. (University of Michigan);
Medical Microbiology
- Lawrence Philip Foglia, Huntington, N. Y.;
B.A. (Queens College); *Natural Resources*
- Stephen Wayne Fogt, Marion;
B.S. (Capital University); *Pharmacy*
- Mary Cardwell Friedl, Ashville;
B.S.Nurs.; *Nursing*
- Marian Gambitsky, Middleville, N. Y.;
B.S. (State University of New York at
Stony Brook); *Statistics*
- Tavi Goldenberg, Kiriat-Shmona, Israel;
B.Sc. (Technion-Israel Institute of
Technology); *Metallurgical Engineering*
- Ann-Shirley Gordon Goodell,
Vancouver, B. C., Canada;
B.S.N. (University of British Columbia);
Nursing
- Jonathan Goodson, Springville, N. Y.;
B.S.Agr.; *Animal Science*
- Deborah Lynn Gray, Columbus;
B.S.; *Entomology*
- Katherine Wilson Gray, Springfield;
B.S. (Bowling Green State University);
Home Economics
- Daniel B. Green, Van Buren, Ind.;
B.S. (Purdue University); *Agronomy*
- Mary Ann Noecker Guadagno,
Baltimore, Md.;
B.A. (State University of New York at
Buffalo); *Home Economics*
- William Earl Hall, III, Billingsley, Ala.;
B.A. (Birmingham-Southern College);
Computer and Information Science
- Howard W. Hamilton, Jr., Columbus
B.A. (Vanderbilt University);
Allied Medical Professions
- Fannie Louise Harrien, Gulfport, Miss.;
B.S. (Alcorn Agricultural and Mechanical
College); *Home Economics*
- Gary L. Hartman, Cincinnati;
B.S. (University of Dayton); *Horticulture*
- Judith Warren Hawkins, Willingboro, N. J.;
B.A. (Andrews University);
Home Economics
- William Howard Heggen, III, Lincoln, Neb.;
D.D.S. (University of Nebraska); *Dentistry*
- Abdalla G. Henish, Libya;
B.Sc. (University of Libya); *Horticulture*
- James Jay Henry, Grove City;
B.A. (Miami University);
Computer and Information Science
- Terry L. Hilker, Dayton;
B.S.I.M. (University of Cincinnati);
Allied Medical Professions
- S. Alden Hilliker, Albany, Vt.;
B.S. (University of Vermont);
Agricultural Education
- Bennett B. Hirsch, Shaker Heights;
B.A. (University of Cincinnati);
Preventive Medicine
- Yoram Y. Hoffman, Geshar Haziv, Israel;
B.Sc. (Tel-Aviv University);
Poultry Science
- Douglas R. Holly, La Habra, Calif.;
A.B. (University of Southern California);
Statistics
- Ying Siao Hou, Taipei, Taiwan;
Diploma (Taiwan Provincial Institute of
Technology); *Civil Engineering*
- George Wayne Houk, Poland;
B.S.Agr.; *Agricultural Education*
- Michael C. House, Columbus;
B.S.Nat.Res.; *Natural Resources*
- Robert Edward Howell, Zanesville;
B.S. (Muskingum College);
Allied Medical Professions
- Kenneth L. Hudson, Columbus;
B.S.Bus.Adm. (University of Kentucky);
Allied Medical Professions
- Patrice Marchelle Hutson, Detroit, Mich.;
B.S. (Eastern Michigan University);
Home Economics
- Salma Binte Ishak, Perak, Malaysia;
B.S. (University of California);
Home Economics
- Masayuki Iwasaki, Tatebayashi, Japan;
B.S. (Waseda University); *Physics*
- Susan Gregory Jakob, Columbus;
B.S.Ed. (Northeastern Illinois University);
Home Economics
- David Floren James, Huron;
B.S.Agr.; *Horticulture*
- Samuel E. Jenkins, Jackson;
Agricultural Education
- Jessica A. Jones, Columbus;
B.S.Ed. (University of Dayton);
Home Economics
- Nicholas Nick Kallas, Lorain;
B.A.; *Horticulture*
- Marc S. Katz, Kensington, Md.;
B.S. (University of Maryland);
Veterinary Physiology and Pharmacology
- Edward Francis Kenney, Columbus;
B.S.; *Natural Resources*
- Theresa L. King, Kettering;
B.S. (University of Dayton); *Nursing*
- Kendra V. Klingeman, Columbus;
B.S. (Marietta College);
Computer and Information Science
- James Anton Klun, Ely, Minn.;
B.A. (University of Minnesota);
Allied Medical Professions
- Glenn Barton Knight, Guilderland, N. Y.;
B.S. (University of Massachusetts);
Biochemistry
- Hai-Ping Ko, Taipei, Taiwan;
B.Sc. (National Taiwan University); M.S.;
Computer and Information Science
- Yukoh Kobayashi, Kumagaya, Japan;
B.E. (Kumamoto University);
M.E. (Kyushu University);
Computer and Information Science
- Robert Allen Koller, Dayton;
B.A. (Kenyon College);
Allied Medical Professions
- Michael Ralph Kramer, Dayton, Ky.;
B.E.E. (University of Dayton);
Electrical Engineering
- David Lee Kroninger, Gahanna;
B.S.; *Microbiology*
- Robert Edward Kurth, Columbus;
B.S. (University of Notre Dame);
Nuclear Engineering
- Stan C. Kwasny, Bloomington, Ind.;
B.S., M.A.T., M.S. (Indiana University);
Computer and Information Science
- Ronald J. Langietti, Greenville, Pa.;
B.E.E. (General Motors Institute);
Electrical Engineering
- Ich-Kien Lao, Saigon, Vietnam;
Electrical Engineering
- Clayton John Larson, Oak Creek, Wis.;
B.S. (Michigan Technological University);
Electrical Engineering
- William Lee Larson, Chester, Conn.;
B.S.E.E. (University of New Haven);
Electrical Engineering
- William Kimball LeCain, Brunswick, Ga.;
B.S.Pharm. (University of Georgia);
Pharmacy
- Albert Lewis Lederer, Cincinnati;
B.A. (University of Cincinnati);
Computer and Information Science
- Shu Hong Lee, Hong Kong;
B.S.Engr. (National Taiwan University);
Electrical Engineering
- Taweedee Leelawatwatana,
Bangkok, Thailand;
B.Eng. (Chulalongkorn University);
Geodetic Science
- Alan Leff, Columbus;
B.S.E.E. (Rutgers University);
Electrical Engineering
- Pei-Ke Lin, Taipei, Taiwan;
B.S. (Tsing Hai University);
Mathematics
- Kristine Marie Ling, Wooster;
B.S. (University of Rhode Island);
Home Economics
- Frank Keith Loehner, Tucson, Ariz.;
B.S. (Colorado State University);
D.V.M. (Tuskegee Institute);
Veterinary Clinical Sciences
- Thomas Carl Logan, Mt. Healthy;
B.S.; *Allied Medical Professions*
- John Moore Lowe, III, West Chester, Pa.;
B.S. (Duke University);
Allied Medical Professions
- David P. Lubeck, Elmore;
B.S. (Bowling Green State University);
Computer and Information Science
- Louis E. Lux, Westlake;
B.C.E. (Cleveland State University);
Civil Engineering
- Elizabeth Kay Maceaulay, Dayton;
B.S. (University of Vermont);
Home Economics
- Robert Donald Mack, Jr., Washington C. H.;
B.Met.E.; *Metallurgical Engineering*
- Waleed H. Makkawi, Sidon, Lebanon;
B.S. (University of South Carolina);
Computer and Information Science
- Joseph Grady Mann, Jr., Dundee, Fla.;
D.D.S. (Medical College of Virginia);
Dentistry
- John Hugh Marshall, II, Jacksonville, Fla.;
B.S.Nat.Res.; *Botany*

1 Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics
2 Also Doctor of Veterinary Medicine, College of
Veterinary Medicine

- Bryan Daryl Martz, Mansfield;
D.D.S.; *Dentistry*
- Elizabeth E. McColligan, Philadelphia, Pa.;
B.S. (Alderson-Broadus College);
Allied Medical Professions
- Lon A. McCullough, Dennison;
B.S.; *Geology and Mineralogy*
- Joseph T. McDermott, Epworth, Ia.;
B.S. (University of Minnesota);
Horticulture
- Brian J. McNeeley, Columbus;
B.S.Pharm.; *Pharmacy*
- Danny Lee Mercer, New Philadelphia;
B.S.Nat.Res.; *Civil Engineering*
- Larry Tilton Mercer, Columbus;
B.A.; *Allied Medical Professions*
- Vicki P. Metzger, Chillicothe;
B.S. (Miami University); *Home Economics*
- Donald James Midgetz, Hubbard;
B.E. (Youngstown State University);
Civil Engineering
- Joe I. Mitchell, Jr., Canton;
D.D.S.; *Dentistry*
- Nancy Jo Moeckel, Oxford;
B.S.Nat.Res.; *Natural Resources*
- Steven P. Monett, Columbus;
B.S.E.E.; *Electrical Engineering*
- Jack Bryan Montgomery, Manquin, Va.;
B.S. (Roanoke College); *Statistics*
- James Clifford Morell, Columbus;
B.A. (Case Western Reserve University);
Allied Medical Professions
- Frank Vincent Murphy, III, Marion;
B.A.; *Allied Medical Professions*
- Christopher Park Myers, Tallmadge;
B.S. (Bowling Green State University);
Geology and Mineralogy
- Mary Ucheabunwa Nduaguba,
Ora-Ukwo, Nigeria;
B.A. (Central State University);
M.S. (University of Cincinnati);
Preventive Medicine
- Victor Peter Nelson, Columbus;
B.S.E.E. (University of Kentucky);
Electrical Engineering
- Ira Stuart Niedweske, Westfield, N. J.;
B.S. (Delaware Valley College);
Veterinary Physiology and Pharmacology
- Jon Steven Ogg, Columbus;
B.S.A.A.E.; *Aeronautical and Astronautical
Engineering*
- Foluke Oladoyin Ogungbaji, Awe, Nigeria;
B.S.Agr.; *Animal Science*
- Mark Robert Ohlson,
Wappingers Falls, N. Y.;
B.S. (State University of New York College
at Brockport);
Computer and Information Science
- Joyce Nwaibari Ononuju, Imo, Nigeria;
B.S. (University of Nigeria);
Home Economics
- Stephen Lloyd Ott, Fowlerville, Mich.;
B.S. (Michigan State University);
Agricultural Economics and Rural Sociology
- Mary Elizabeth Overmyer, Elmore;
B.S.H.E.; *Allied Medical Professions*
- Mark A. Owen, Dayton;
B.S. (Purdue University);
Aeronautical and Astronautical Engineering
- Laurence G. Owens,
Upper Saddle River, N. J.;
B.S. (Rutgers University); *Biophysics*
- Leferis J. Papanicolaou, Messina, Greece;
M.D. (National University); *Surgery*
- Robert Joseph Parkinson, Philadelphia, Pa.;
B.S.Agr.; *Agronomy*
- Sheila R. Parsley, Columbus;
B.S.H.E. (Carson-Newman College);
Home Economics
- David J. Pass, Middlebury Heights;
B.S. (Miami University);
Nuclear Engineering
- Iebra Mager Pearce, Cleveland;
B.S.H.E.; *Home Economics*
- Anne A. Pelagatti, Lynn, Mass.;
A.B. (Boston College);
Computer and Information Science
- John Robert Phillips, London;
B.S.; *Agricultural Education*
- Viola Pickens, Memphis, Tenn.;
B.S. (LeMoyne-Owen College);
Computer and Information Science
- Janet Elaine Porter, Akron;
B.S.; *Allied Medical Professions*
- Ellen Maria Quintilian, Baltimore, Md.;
B.S.All'd.Hlth.Prof.;
Allied Health Professions
- Samuel Lee Raber, Stone Creek;
Agricultural Economics and Rural Sociology
- David C. Rahrig, Van Wert;
B.S.C.I.S.;
Computer and Information Science
- Janet Oates Ralstin, Morrilton, Ark.;
B.S. (University of Arkansas); *Pharmacy*
- David Andrew Ramsey, Cincinnati;
B.S.M.E.; *Mechanical Engineering*
- Shawkat Nizar Raslan, Beirut, Lebanon;
B.S.C.E.; *Civil Engineering*
- William Michael Reed, Columbus;
B.S.; *Microbiology*
- William Douglas Reese, Columbus;
B.S.C.E.; *Civil Engineering*
- Joseph A. Reiman, Dayton;
B.S.A.E. (University of Cincinnati);
Aeronautical and Astronautical Engineering
- Patrick A. Reynard, Rayland;
B.S. (Wheeling College);
Chemical Engineering
- Judith Ann Reynolds, Orrville;
B.S.H.E.; *Home Economics*
- Edward Neil Robertson, Columbus;
B.S. (Antioch College);
Preventive Medicine
- William D. Robertson, Granville;
B.Cer.E., D.D.S.; *Dentistry*
- Elizabeth Atkins Rogers, Chillicothe;
B.S. (Carnegie-Mellon University);
Home Economics
- Ronald Edward Rompala, Brooklyn;
B.S. (University of Cincinnati);
Animal Science
- Nagui M. Roupail, Cairo, Egypt;
B.C.E. (Cairo University);
Civil Engineering
- Timon Lee Runyan, Cincinnati;
B.S.C.I.S.;
Computer and Information Science
- Neil Edward Russell, Wooster;
A.B. (Kenyon College); *Physics*
- Carolyn Clair Sargeant, Monroeville;
B.S.H.E.; *Home Economics*
- Roger A. Saul, Wauseon;
B.S.A.A.E.; *Bio-Medical Engineering*
- Mark C. Schmittgen, Elyria;
B.S.; *Natural Resources*
- James Ditlow Schroll, West Orange, N. J.;
B.S.C.E.; *Civil Engineering*
- Ronald Robert Schultz, Cincinnati;
B.S.C.E.; *Civil Engineering*
- Eric Lloyd Schwarz, Edwardsville, Ill.;
B.S. (Southern Illinois University);
Natural Resources
- Rajendra K. Shah, Calcutta, India;
B.Tech. (Indian Institute of Technology);
Electrical Engineering
- Clinton Lewis Shepard, Xenia;
B.S. (University of Kentucky);
Natural Resources
- Melvin E. Shultz, Humboldt, Kans.;
B.S. (Kansas State University);
Geodetic Science
- Sally Ann Sikorski, Parma;
B.S. (John Carroll University); *Statistics*
- Thomas William Silvis,
West Hartford, Conn.;
B.S. (Carnegie-Mellon University);
Mechanical Engineering
- Richard L. Slaughter, Cincinnati;
B.S. (University of Cincinnati); *Pharmacy*
- Kevin Fletcher Smith, Quincy, Mass.;
B.A. (Brandeis University);
Allied Medical Professions
- Stephen Brooks Smith, Columbus;
B.A. (Cornell University);
Allied Medical Professions
- Janice Marie Sniffen, Columbus;
B.S. (New York University);
Allied Medical Professions
- Harvey Alan Splaver, Cleveland Heights;
B.S. (Case Western Reserve University);
M.S.; *Computer and Information Science*
- James Monroe Sprouse, III, Dayton;
Allied Medical Professions
- Jack Perry Steiner, Chicago, Ill.;
B.S. (University of Illinois);
Electrical Engineering
- Robert Jeffrey Stephens, Toledo;
B.S. (University of Toledo);
D.D.S.; *Dentistry*
- Barbara Ann Stocksdale, Wooster;
B.S.H.E.; *Home Economics*
- Robert W. Stokes, Springfield;
B.A. (Antioch College); *Civil Engineering*
- Stephen N. Storch, Columbus;
B.Sc. (University of Notre Dame);
Nuclear Engineering
- Susan Lee Strausberg, Columbus;
B.A. (Miami University); *Genetics*
- Elaine Strauss, Wheeling, W. Va.;
B.S. (Wheeling College); *Microbiology*
- Ruth Streveler, Hammond, Ind.;
B.A. (Indiana University); *Zoology*

¹ Also Doctor of Veterinary Medicine, College of
Veterinary Medicine
² Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics

- Joseph R. J. Studlick, Frackville, Pa.;
B.A. (Millersville State College);
Geology and Mineralogy
- Luke Y. Sunwoo, Columbus;
B.E. (Hanyang University, Korea);
Welding Engineering
- Jerome Tabacca, Warren;
B.S., D.D.S.; *Dentistry*
- Ana May Teng-Balmaseda,
Manila, Philippines;
B.S.Phys.Thor. (University of the
Philippines); *Allied Medical Professions*
- Roger Neil Thoney, Highland Heights, Ky.;
B.S.E.E. (University of Kentucky);
Electrical Engineering
- Thomas Patrick Thornton, Youngstown;
B.S.C.E.; *Civil Engineering*
- Michael William Tomc, Cleveland Heights;
B.S. (University of Notre Dame);
Physiology
- Krai Tungsanga, Bangkok, Thailand;
B.Eng. (Kasetsart University);
Civil Engineering
- Ashley Bancroft Tyrell, Kingston, Jamaica;
B.Sc.Eng. (University of the West Indies);
Civil Engineering
- *John Randall Vance, Sylvania;
Physiological Optics
- Robert Allen Vanecko, St. Clairsville;
B.S.All'd.Hlth.Prof.; *Anatomy*
- Donald Lee VanNostran, Athens;
B.S.Agr.; *Agricultural Education*
- Edward M. Vollborn, Jackson;
B.S.Agr.; *Agricultural Education*
- Michael Bruce Walker, Columbus;
B.S.A.A.E.;
Aeronautical and Astronautical Engineering
- Robert Payton Walker, Jr., Columbus;
B.S.C.E., M.P.A.; *Civil Engineering*
- Linda K. Wange, Anaheim, Calif.;
B.A. (University of California at
Los Angeles); *Microbiology*
- Earl Clark Weber, Madison;
B.S.Nat.Res.; *Zoology*
- Ray Allen Wells, Caldwell;
B.S.Agr.; *Agricultural Education*
- Rolf Lynn Wells, Warsaw;
B.S.Agr.; *Agronomy*
- Forrest James Whalen, Columbus;
B.S.Pharm.; *Pharmacy*
- Quentin Duane Wheeler, Marysville;
B.S.; *Entomology*
- Lewis Curry Woods, III, Harrodsburg, Ky.;
B.S. (Murray State University); *Zoology*
- Emma Schmitt Yanok, Waverly;
B.S.E.E.; *Home Economics*
- Master of Social Work**
One hundred and five candidates
- Robert Alan Applebaum, Glen Cove, N. Y.;
B.A. (Ohio University); *Social Work*
- Henrietta Arnold, Marion;
B.A. (University of Georgia); *Social Work*
- Nancy J. Barker, Springfield;
B.A. (Wittenberg University); *Social Work*
- Judith Renée Barrier, Nashville, Tenn.;
B.A. (Fisk University); *Social Work*
- Laurel Anne Bartlett, Columbus;
B.S.Soc.Wel.; *Social Work*
- Carolyn Anzinger Beach, Granville;
B.A. (Hiram College); *Social Work*
- Kathleen Schroeder Beattie,
Columbus Grove;
B.S.Soc.Wel.; *Social Work*
- Ava Romaine Bell, Jacksonville, Fla.;
B.A. (Florida Agricultural and Mechanical
University); *Social Work*
- Mary Jackson Black, Mt. Vernon;
B.S.Soc.Wel.; *Social Work*
- Norman E. Bosworth, London;
B.A. Bus. Adm. (Cedarville College);
Social Work
- Madeleine H. Brandell, New Rochelle, N. Y.;
B.A. (Iona College); *Social Work*
- Paul G. Bruening, Springfield;
B.S.Ed. (University of Cincinnati);
Social Work
- Barbara Ann Bulloch,
Holly Springs, Miss.;
B.A. (Tougaloo College); *Social Work*
- Deborah Anne Call, Marion;
B.A. (Bowling Green State University);
Social Work
- Carol B. Collier, Columbus;
B.S.Soc.Wel.; *Social Work*
- Barbara Matteson Craig, Columbus;
B.S.Soc.Wel.; *Social Work*
- Carolyn Marie Crosswhite, Columbus;
B.A. (Otterbein College); *Social Work*
- Abigail E. Crystal, Woodmere, N. Y.;
B.A. (Case Western Reserve University);
Social Work
- Marianne Gabriele Davis, Fairfield, Calif.;
B.A. (University of California at
Los Angeles); *Social Work*
- Sister Colette Didier, Dayton;
B.S. (Edgewick College);
M.Ed. (DePaul University); *Social Work*
- Ellen Dompf, Dayton;
B.A.; *Social Work*
- Cynthia Lee Dubansky, Des Moines, Ia.;
B.A. (University of Texas); *Social Work*
- Mary Richards Duffy, West Jefferson;
B.S.H.E.; *Social Work*
- Eric Jay Ehrke, Brookfield, Wis.;
B.S.; *Social Work*
- Suzanne Ewart, Columbus;
B.A. (Marymount College); *Social Work*
- Imogene Delores Folds, Columbus;
B.S.Soc.Wel.; *Social Work*
- Julia Alison Frishtick, New York, N. Y.;
B.A. (Queens College); *Social Work*
- Rosa L. Fuentes, Los Maestros, Puerto Rico;
B.A. (University of Puerto Rico);
Social Work
- Beverly Romonica Gibbs,
St. Thomas, Virgin Islands;
B.A. (Howard University); *Social Work*
- Alan H. Gill, Columbus;
B.G.S. (Ohio University); *Social Work*
- Bruce Kahn Glatzer, Oceanside, N. Y.;
B.A.; *Social Work*
- Kathleen Ann Godsey, Falls Church, Va.;
B.A. (University of Virginia); *Social Work*
- Hollie L. Goldberg, University Heights;
A.B. (Miami University); *Social Work*
- Deborah Ann Grant, Ashtabula;
B.S.Soc.Wel.; *Social Work*
- Diann M. Grant, Columbus;
B.A. (Andrews University); *Social Work*
- Linda Moore Graves, Akron;
B.A.; *Social Work*
- Martha Boyd Gresham, Kettering;
B.A. (College of William and Mary);
Social Work
- Karen J. Harman, Piqua;
B.A. (Ohio University); *Social Work*
- Daniel Kent Held, Miamisburg;
B.A. (Sterling College); *Social Work*
- Jane K. Holloway, Granville;
B.A. (DePauw University); *Social Work*
- Marilou Holt, Danville;
B.S.Soc.Wel.; *Social Work*
- John Francis Hurley, Dayton;
B.A. (University of Dayton); *Social Work*
- Marilyn Sue Jenkins, Columbus;
B.S. (Ohio University); *Social Work*
- Cheryl Lynn Johnson, Birmingham, Mich.;
B.A. (Western Michigan University);
Social Work
- Eva Sue Johnson, Cincinnati;
B.A. (University of Dayton); *Social Work*
- L. LaDonna Prillerman Jones, Columbus;
B.A. (Ohio Dominican College);
Social Work
- Carol Louise Jorgensen, Tucson, Ariz.;
B.S. (Northern Arizona University);
Social Work
- Sandra Faye Judy, Columbus;
B.S. (Brigham Young University);
Social Work
- Linda S. Kaliker, Columbus;
B.S.; *Social Work*
- Mary Moran Kalvin, Greenhills;
B.S.Soc.Work (University of Cincinnati);
Social Work
- Samira Kanaan, Columbus;
B.A.; *Social Work*
- Peter A. Keiser, Cincinnati;
B.A. (Saint Joseph's College); *Social Work*
- Rose Katherine Keras, Steubenville;
B.A. (Kent State University); *Social Work*
- Andrea Kulesza, Defiance;
B.A. (Bowling Green State University);
Social Work
- Mary Louise Kumor, Elizabeth, N. J.;
B.A. (Kean College of New Jersey);
Social Work
- Barbara L. Lang, Columbus;
B.S.Soc.Wel.; *Social Work*
- Anita Louise Latona, Cleveland;
B.A. (Notre Dame College); *Social Work*
- Lynn Brog Latta, Pataskala;
B.S.Soc.Wel.; *Social Work*
- Jean P. Levy, Cincinnati;
B.A. (University of Cincinnati);
Social Work
- Frances Pace Lohrman, Lincoln, Neb.;
B.S.Soc.Wel.; *Social Work*
- Nancy Greubel Mahoney, Springfield;
B.A. (Marian College); *Social Work*

* Also Doctor of Optometry, College of Optometry

Julia Ann Marshall, Columbus;
B.S.Soc.Wel.; *Social Work*

Roetta Carol McClain, Rocky Mount, N. C.;
B.A. (Johnson C. Smith University);
Social Work

Linda J. McVetty, Columbus;
B.A. (Ohio Wesleyan University);
Social Work

Carole Smatt Menge, Columbus;
B.S.Soc.Wel.; *Social Work*

David A. Merkle, Columbus;
B.S.Ed.; *Social Work*

Connie Kathleen Miller, Columbus;
B.A. (Bowling Green State University);
Social Work

Gail Cherrn Minwegen, Columbus;
B.S.Soc.Wel.; *Social Work*

Robert Ross Monemysmith, Ashland;
B.A. (Ohio Northern University);
Social Work

Annabelle Moreland, Parma;
B.S.Soc.Wel.; *Social Work*

Carol B. Naylor, Toledo;
B.A. (Manchester College); *Social Work*

Nancy Barber Nelson, Cincinnati;
B.S.Soc.Wel.; *Social Work*

Janet Marie O'Hair, Cincinnati;
B.A. (University of Cincinnati);
Social Work

Janice D. Patton, Columbus;
B.S.S.W. (Capital University);
Social Work

Yvonne Marie Phelps, Cincinnati;
B.A. (Kent State University); *Social Work*

Adrienne M. Pirsch, Skokie, Ill.;
B.A. (University of Illinois); *Social Work*

Mildred Cook Poland, Cincinnati;
B.S. (University of Cincinnati);
Social Work

Susan Restoree Posner, Hopewell, N. J.;
B.A. (Syracuse University); *Social Work*

Jane B. Randolph, Ashtabula;
B.S.Soc.Adm.; *Social Work*

Laura Jean Rappaport, Fairfax, Va.;
B.S.Soc.Wel.; *Social Work*

Dolores Frost Repp, Columbus;
B.S.Soc.Wel.; *Social Work*

Katherine Riddle, Columbus;
B.A. (Pennsylvania State University);
Social Work

James Denton Roberts, Cincinnati;
B.S.Soc.Wel.; *Social Work*

Margaret Vickers Roberts, Zanesville;
B.A. (Ohio University); *Social Work*

Edward Kent Schmidt, Glouster;
B.G.S. (Ohio University); *Social Work*

Martha Scott, Cincinnati;
B.A. (Denison University); *Social Work*

David Edward See, Marietta;
B.A.; *Social Work*

William Shackelford, Oak Hill;
B.A. (Miami University); *Social Work*

Lee Ste. John Shillito, Columbus;
B.S.Ed.; *Social Work*

Andrea Lynne Shiroff, Philadelphia, Pa.;
B.S. (University of Wisconsin);
Social Work

June Siegel, Akron;
B.S.Ed.; *Social Work*

William Russell Silliman, Columbus;
B.A. (Wittenberg University); *Social Work*

Deborah Jo Smith, Syracuse, N. Y.;
B.S.Soc.Wel.; *Social Work*

Dorthea Kay Smith, Columbus;
B.S.Soc.Wel.; *Social Work*

Kitty Wilcox Soldano, Columbus;
B.S. (University of Tennessee) *Social Work*

Richard W. Sorg, Cincinnati;
B.A. (Edgewich College); *Social Work*

Theodora Stark, Uniontown;
B.A. (Hiram College); *Social Work*

Deborah Lynette Strahorn, Cincinnati;
B.A. (Miami University); *Social Work*

Diane Carol Stroup, Youngstown;
B.A. (Youngstown State University);
Social Work

Cheryl Helene Toubin, San Antonio, Tex.;
B.A. (University of Texas); *Social Work*

Regina S. Westerfeld, Cincinnati;
B.A. (University of Cincinnati);
Social Work

Gail Williams, Macon, Ga.;
B.S. (Paine College); *Social Work*

Linda Fleming Willis, Salisbury, N. C.;
B.A. (Otterbein College); *Social Work*

Sharon Kay Yarnell, Wooster;
B.S.Soc.Wel.; *Social Work*

Daniel Wesley Zink, Quincy, Mass.;
B.A. (Eastern Nazarene College);
Social Work

Colleges of the Arts and Sciences

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

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 Mathematics and
Physical Science

College of Social and Behavioral Sciences

College of The Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Thirty-two candidates

Peter Emmett Bartlow, Columbus
Timothy Edwin Black, Newark
Ann Ruth Brenner, Worthington
Andrew Alan Carter, Wapakoneta

Lesta Chandler, Columbus
Joe Isaiiah Chow, Columbus
Karen Sue Crockett, Columbus
Douglas Joseph Davis, Columbus
John Thomas Davis, Columbus
Sandra Ann DiGenzo, Columbus
Darrell Craig Fields, Youngstown
Harold Theodore Fischer, II, Cincinnati
John B. Fisher, Columbus
Laurens Huston, Columbus
*Shelley Ann Jackson, Columbus
†Sara Ann Leach, Pittsburgh, Pa.
Kenneth Evan Lee, Columbus
Carol Ann Ley, Columbus
Patrick L. Markey, Fostoria
Jennifer Lynn Martz, Elyria
Douglas Loyal Moore, Alexandria
James Edward Nelson, Belpre
Charles Jeffrey Newirth, Scarsdale, N. Y.
Isobel Ojalvo, Columbus
Lincoln Bruce Pasteur, Columbus
Janet Louise Reeves, Euclid
Mary Lu Roth, Oxford
B.A. Jour.
Alice Carolyn Schmitt, Grove City
Constance Boyd Schroder, Cincinnati
Deborah E. Short, Columbus
David Ervin Waggamon, Doylestown
Heidi Lynn Wood, Columbus

Bachelor of Fine Arts

Fifty-two candidates

Gail Jane Arnold, West Hartford, Conn.
Jodel Ayers, Circleville
Brigitta Barua, Columbus
Ray Cornish Booker, Jr., Shaker Heights
Victoria Jo Bosold, Pataaskala
Sylvia Gibson Bowers, Columbus
Sandra Kay Braunstein, Dayton
Yolanda Masdea Brunetto, Columbus
Kirby John Bryden, North Olmsted
Timothy Rex Buckley, Phoenix, Ariz.
Robert Eugene Burk, Jr., Springfield
Melissa Drew Canton, Lebanon
Robert Lee Carl, Columbus
Caitlin Ann Cassidy, Pittsford, N. Y.
Robert Allen Clark, Columbus
Theresa Holmes Cousar, Columbus
Ulysses Drinks, Cincinnati
William Gregory Erf, Columbus
David Mitchell Flowers, III, Worthington
Sandra Kay Frey, Columbus
Glenn Stevenson Gibbs, South Point
Marguerite Patricia Jones, Columbus
Joy Harriman Kieffer, Columbus
Ida Marie LaPenta, Cleveland
Meredith Karen Laskow, Columbus
Susan Elizabeth Leffer, Massillon
Larry Allen Lieberman, Columbus
Melanie Mae Arthur, Englewood
Joyce Ann Mathews, Newark
Nancy Beth Matthey, Steubenville
Cheryl E. McCoy, Worthington
Richard Lee McKee, Youngstown
Ronda Beamer McLane, Marengo
Cheryl Lynn Mitchell, Elyria
Stephen Joseph Fohle, Kettering
John Christopher Ross, Columbus
B.A.

*James Anthony Rubino, Columbus
Robin Lynn Ruth, Elyria
Susan Jo Schwebel, Youngstown
Marilyn Janosik Scott, Columbus
Patricia Alice Scott, Aiken, S. C.
B.S.Ed. (Georgia State University)

* Also Certificate of Graduate Dental Hygienist,
College of Dentistry

† Also Doctor of Dental Surgery, College of Dentistry

! Also Bachelor of Arts, Colleges of the Arts and
Sciences

*Pamela Marie Seretny, Columbus
 Valerie Shafer, Mt. Vernon
 Anastasia Theresa Sheppard, Columbus
 William H. Shields, Columbus
 *Carol Ann Shuster, North Canton
 Donald Leeson Stewart, Mansfield
 Carl Brice Subich, Mansfield
 James Forest Todd, Gahanna
 Michael Paul Tracewell, Columbus
 Donald Raymond VanHorn, Tiffin
 Jane Ann Wertz, Clayton

Bachelor of Music

Seventeen candidates

James Michael Brody, Columbus
 Deborah Ivy Filzer, Columbus
 Emily Carol Good, Wickliffe
 Peter Gustav Heinemann, Wyncote, Pa.
 Sylvia Lynn Hoover, Columbus
 Dale Henry Kleve, Bay Village
 Robert Lee Larson, Columbus
 Kim Andrei Lasarenko, Columbus
 Martin Howard Marks, Cleveland Heights
 Daniel DeWitt Mickey,
 Mountain View, Calif.
 Susan Gail Miller, Dublin
 Walter Thomas Schabile, Columbus
 David Paul Schelat, Marietta
 *Christine Dee Smith, North Olmsted
 Anthony St. Pierre, Worthington
 *Lee Murlyn Strawn, Mansfield
 John Thomas Twitty, Columbus

Bachelor of Art Education*

Twenty-two candidates

Betty Tatar Brewer, Columbus
 B.F.A.
 Barbara Ann Bright, Dayton
 Mary Hazel Burgess, Columbus
 Barbara Jean Daniels, Lima
 Dianna Janet Dinka, Hamburg, N. Y.
 Kathryn Joan Drozda, Canton
 B.A. (Ohio Dominican College); B.F.A.
 Jeanne Marjorie Inascho, Columbus
 Priscilla Rogers Jenks, Gahanna
 B.S.Med.illus.
 Amy Joan Kazmaier, Perrysburg
 Lori Lee Loveland, Toledo
 Mark William Miller, Columbus
 B.F.A.
 Janet Braun Nealer, Westerville
 Dennis William Foad, Columbus
 Lynn Steinhansen Racz, Columbus
 B.A.
 Jean Marie Reese, Gallipolis
 B.S.H.E.
 Carol Ruth Schiffman, Roslyn, N. Y.
 Eleanor Pugh Schooley, Columbus
 B.S.H.E.
 Shana Michelle Schwartz, Columbus
 *Pamela Marie Seretny, Columbus
 *Carol Ann Shuster, North Canton
 Mary Jeanne Stai, Columbus
 Roxanne Michele Willison, Columbus

Bachelor of Music Education*

Forty-nine candidates

Wendell Allen Ball, Hudson
 Randy John Blalock, Toledo
 Thomas Michael Bowman, Findlay
 Sna. Anne Broadway, Columbus
 Jean Ellen Conley, Belle Center
 Jeanne Marie Cutting, Alexandria, Va.
 Wendie Joyce DeBolt, Mansfield
 Janet Ann Desko, Stow

Sarah Davis Early, Columbus
 Stephen Michael Feustel, Miamisburg
 Elizabeth Carleton Foushee, Columbus
 Leslie Paula Gardner, Columbus
 Constance Jean Goss, Worthington
 Nancy Ellen Griffith, Shelby
 Eric Allen Guth, Reynoldsburg
 Linda Diane Hamman, Columbus
 Marilyn Jane Harris, Fredericktown
 Christine Herbst, New Bremen
 Jeffrey Kenneth Hostetler, Elyria
 James Earl Howard, West Chester
 Sally Nelson Huneycutt, Cincinnati
 Deborah Loretta Lampe, Dayton
 Matthew Allan McCready, Shadyside
 Richard Russell Morris, Westerville
 Jay Stuart Moyer, North Canton
 Cynthia Jean Noble, Solon
 Jeffrey Ann Parkinson, Genoa
 Lynette Marie Andrew, Lorain
 Mark Alan Schuller, Orange
 *Christine Dee Smith, North Olmsted
 Thomas Reid Smith, Sidney
 Vicki Lynn Snyder, Columbus
 Debra Jean Spangler, Grove City
 John Wesley Stahl, III, Columbus
 *Lee Murlyn Strawn, Mansfield
 Loretta Rhodes Vaas, Union Sandusky
 Marilyn Joan Vane, Marysville
 Connie Sue Wallace, Elida
 Jayne Marie Wenner, Columbus
 Richard Allen Wickersham, Columbus
 Jill Susan Williams, Columbus

Bachelor of Science in Industrial Design

Twenty-seven candidates

Ronald David Armstrong, Marion
 Michael Carr Barlow, Cincinnati
 Ronald Joseph Burns, Edgerton
 Barry Scott Chapman, Finleyville, Pa.
 Louis Albert Columbaro, Columbus
 E. Scott Denison, Columbus
 Kathryn Susan Edelstein, Cincinnati
 Audrey Helene Elwin, Clifton, N. J.
 Howard Paul Feuer, Cleveland
 Lee Carlin Gartinman, Painesville
 Judith Ellen Hayeslip, Pittsburgh, Pa.
 Mark Allen Huber, Cincinnati
 Jeffrey Reid Knox, Amsterdam, N. Y.
 Karen Lee Kramer, Beaver Creek
 Katherine Mary McClung, Columbus
 Michael John Thomas McIntyre, Columbus
 Scott Delos McLain, Columbus
 David J. Moore, Portsmouth
 Ronald Lynn Owens, Hebron
 Laura Zimmerman Rolfe, Columbus
 Diane Elaine Scheiman, Dayton
 Jeffrey Alan Silvers, St. Marys
 Richard Paul Spehr, Delaware
 Jennifer Howard Sudliff, Columbus
 Conrad Russell Williams, Jr., Columbus
 Ellen Julie Woliner, Malverne, N. Y.
 Steven Carl Zeno, Dayton

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Twenty-two candidates

*William R. Anderson, Jr., Portsmouth

*William David Borchers, Columbus
 Glenn Breeze, Euclid
 Richard Anthony Brundrett, Troy
 *Raul Chabal, Dayton
 *Ricky Lee Chapman, Columbus
 Stephen Michael Collins, Columbus
 *Richard P. Gangwisch, Cincinnati
 Lawrence R. Gess, Zanesville
 *Daniel Frank Green, Union Sandusky
 Paul Willis Johns, Jr., Hilliard
 Joseph T. Mastayrk, Wadsworth
 Donald Walter Miller, Columbus
 *Curt Ray Moore, Westerville
 *Eric William Noderer, Columbus
 Marc Edward Ottenga, Zanesville
 Fred Osamu Sakamoto,
 Salt Lake City, Utah
 John Torsten Sandlund, Jr., Columbus
 Lawrence M. Shalt, Toledo
 Jean Anne Shelton, Westerville
 *Nicholas F. Staarmann, Columbus
 Neal W. Westerges, Coldwater

Bachelor of Science

Two hundred and forty-five candidates

Kenneth James Agues, Warren
 Robert Alva Althar, Columbus
 Karin Marie Alverson, Cincinnati
 Patricia Marie Athey, Columbus
 Sharia Sue Axline, Perry
 Donna Jean Baldwin, Warren
 Phillip Michael Barnard, Columbus
 Jacqueline Baskind, Cleveland Heights
 Kenneth Allan Baughman, Columbus
 Marc Raymond Belestro, Columbus
 Edward Alexander Belkin, Columbus
 Bryan William Berry, Cincinnati
 Jon Randall Biazzo, Worthington
 Craig Easton Bland, Dayton
 Steven Edward Bloom, Marion
 Thomas Matthew Bobst, Columbus
 Matthew T. Boone, Columbus
 Steven Frederick Borgwald, Centerville
 Frank Bostancik, III, Rittman
 George M. Bowsher, Bellefontaine
 William Holden Boyer, Columbus
 Andrew James Britton, Gates Mills
 Kenneth R. Brown, Reynoldsburg
 Julie Ann Marie Bruns, Kettering
 Frank Wyatt Butler, Coshocton
 James Edward Caplan, Columbus
 Gwen Ellen Case, Cleveland Heights
 John Bauner Charles, Chillicothe
 David Graham Chesnut, Columbus
 Helen Hayton Cho, Columbus
 Geoffrey S. Clark, Columbus
 David Alan Clayman, Columbus
 Michael Patrick Cloran, East Liverpool
 Reginald E. Cole, Sandusky
 Eugene Eugene Connelly, Willowick
 Dennis Patrick Conners,
 Williston Park, N. Y.
 Janice Rebecca Cook, Columbus
 Lynn Ann Darby, Cambridge
 Mark Edward Davanzo, Youngstown
 Barbara Constance Day, Brecksville
 Vicki Lee Deisner, Brooklyn
 Scott David Deitchman, Akron
 Lynn Marie DeSantis, Bound Brook, N. J.
 Christopher E. Desch, Dayton
 Gert Hendrik DeWet, Columbus

* Also Bachelor of Art Education, College of Education
 * Also Bachelor of Music Education, College of Education

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

* Also Bachelor of Fine Arts, College of the Arts and the College of Science

* Also Doctor of Dental Surgery, College of Dentistry

* Also Doctor of Medicine, College of Medicine

Alex C. Dobry, Columbus
 Terry Alan Dragashi, Warren
 Stephen John Dutko, Campbell
 Michael Earley, Minster
 Mark Stephen Eberhardt, Akron
 Charles William Emmett, Reynoldsburg
 Steven Christopher Emrich, Worthington
 Marguerite A. Erme, Farrell, Pa.
 Lawrence J. Fanely, Jr., Toledo
 John Alan Fink, Blanchard
 James Stewart Fisher, Akron
 Ronald James Flanigan, Columbus
 Mark Anthony Foglietti, Mingo Junction
 William Michael Francis, Columbus
 Mark A. Freeman, Columbus
 Terry Lynn French, Hershey, Pa.
 Steven Howard Friedman, Cleveland
 Craig Edward Fry, Columbus
 Carolyn Lee Fuhrman,
 Downers Grove, Ill.
 Linda Jean Funderburgh, Woodstock
 Mark Bromley Gallagher, Akron
 Roger Garcia, Greenville
 John R. Gaudion, Kettering
 Thomas J. Gibson, Willard
 David Forker Glossenberry, Canton
 Julie Stanford Johnson, Dayton
 Mary Kathryn Goleman, Columbus
 Gregory Mark Gottschlich, Xenia
 Gene S. Graham, Columbus
 Robert Alan Grant, Cincinnati
 Mark Joseph Grever, Cincinnati
 Gregg Stephen Griffin, Bloomville
 Cindy Lee Grines, Columbus
 Michael Grusche, Williamsfield
 John Carl Gurley, Fairport Harbor
 Debra Trull Gutzwiller, Park Ridge, Ill.
 Mark A. Hackworth, Cardington
 Larry Lyn Hall, Mt. Vernon
 Robert Kenneth Halloran, III, Hazlet, N. J.
 Randy Alan Handler, Dayton
 Christopher E. Harris, Rocky River
 Phillip Alan Harris, South Zanesville
 Ed Edwin Henderly, Dayton
 Gary Lynn Hiltbrand, Cincinnati
 Russell Hull Hiner, III, Hialeah, Fla.
 Charles Edward Hines, Columbus
 Laura L. Hinkle, Fredericktown
 Stewart Allen Hinkley, Cambridge
 Marty Salas Hoffmann, Columbus
 Mary D. Hollihan, New Kensington, Pa.
 Robert V. Honeyburn, Columbus
 Donald Richard Houser, Columbus
 Steven D. Hughes, Columbus
 Melanie Iona Hull, Galion
 Constance Sue Huttner, Youngstown
 Jay James Jakubowski, Toledo
 John Edward Jenrette, Jr., Mogadore
 John Alan Kafka, Bellaire
 Bruce Ian Kahn, Columbus
 Richard Louis Kassay, Miami Beach, Fla.
 Bill Kasson, Columbus
 Gayl Arden Keays, Middletown
 Audrey Kekst, Cleveland
 Lynn D. Kentosh, Plain City
 Jeanne Kay Kettlewell, Dayton
 Mary Marie Klein, Springfield
 Mark Ross Klinefelter, Mountainside, N. J.
 James Robert Kosydar, Columbus
 James Joseph Krippel, Maple Heights
 Thomas Andrew Krupko, McDonald
 James Edward Krygier, Rockford, Mich.
 Alan Nore Kurtz, Cincinnati
 Debra Kay Kurtz, Palm Harbor, Fla.
 Joseph T. Kutsko, Youngstown
 Michael J. Lally, Columbus
 James Michael Lalonde, Defiance
 Nicholas Francis Landolfi, Ashtabula
 Antoinette LaValley, Toledo
 Jeffrey Park Leake, Columbus
 Steven Edward Lindner, Columbus
 Paul Hamming Liu, Middleburg Heights
 John Lee Mac Long, Columbus
 Kenton Michael Low, Bay Village
 Barbara Susan Mackey, Groveport
 Rita Ann Malyk, Columbus
 Daniel Scott Margles, Shaker Heights

Patrick Scott Markel, Lima
 David Lynn Martin, Waverly
 Patricia Ann Maurer, Bellaire
 David L. McCarty, Pittsburgh, Pa.
 Robert Alan McClain, Columbus
 John David McComb, Lebanon
 Ross McHenry, Cincinnati
 Michelle Ann McKenzie, Alexandria, Va.
 Franklin D. McMillan, Cincinnati
 Michael Anthony McShane, Cuyahoga Falls
 John W. Means, Jr., Cleveland Heights
 Diana K. Meiring, Fort Recovery
 Michael Lawrence Meltzer,
 New Hyde Park, N. Y.
 Chet Miller, Columbus
 Robert Louis Moehrman, Jr., Columbus
 Lisa M. Molles, East Cleveland
 Gregory G. Montavon, Columbus
 Jeffrey M. Moore, Orlando, Fla.
 Kim John Moore, Hartsville
 Richard Kimberly Moore, Worthington
 Joseph A. Moreo, Columbus
 Michael Lowell Mott, Troy
 Juanita Marie Murawski, Cuyahoga Falls
 Dale M. Musille, Mansfield
 Linda Mylroie, Skokie, Ill.
 Steven Donald Nelson, Rocky River
 Lucille Abraham Nire, Canton
 Joseph M. Novak, Lorain
 Michael Lloyd Nuenke, Columbus
 Cherie Olsen, Toledo
 Leonard B. Orban, Macedonia
 Judith Ann Ortman, Middletown
 John Nick Patzakis, Campbell
 Alice Pennington, Beavercreek
 Stephen Dennis Peters, Columbus
 David Benjamin Phillips, Toronto
 Merry Anne Pierson, East Liverpool
 Mark Allan Piper, Mansfield
 Daniel John Pipoly, Poland
 Lee Allen Pitea, Jr., Harrington Park, N. J.
 Sharon Marie Placke, Salesville
 Annette Marie Polinko, St. Clairsville
 Denise Ann Quinn, Dayton
 Dan Scott Rasper, Dayton
 Bradley Eugene Rausch, Dover
 Michael Joseph Rich, Lima
 David A. Richardson, Columbus
 Melissa A. Richardson, Strasburg
 Lawrence Phil Rickard, Niles
 Robert James Risner, Sylvania
 Heather Vale Roberts, Carroll
 Ronald B. Robinson, Columbus
 Michael Stewart Rodgers,
 Elizabethtown, Ky.
 Thomas E. Rollins, Columbus
 Phillip C. Rosmarin, Columbus
 Robert I. Rosner, New Canaan, Conn.
 Mitchell Alan Rossman, Mentor
 Gregory Ruchman, Cincinnati
 Kurt Eric Sanders, Springfield
 Russell Allen Sauder, Mansfield
 Steven Joseph Saul, Columbus
 Timothy Lee Scarbrough, Fredericktown
 L. R. Scherer, III, Columbus
 Mary Lynn Schirtzinger, Columbus
 Kary Schum, Columbus
 David C. Schwendenman, Columbus
 David Bradley Seitzinger, Canton
 Rebecca C. Sellers, Mentor
 Douglas Dale Sharpnack, Elyria
 Gregory Allen Shilling, Lima
 Lynda Lu Smart, Grafton
 Lawrence Julius Smith, Jr.,
 Albuquerque, N. M.
 Robert G. Smith, Columbus
 David A. Spahlinger, Massillon
 Mark Stancher, Fairlawn, N. J.
 Thomas Lowell Standeford, Ottawa
 John K. Stephenson, Cincinnati
 Michael Allen Stout, Columbus
 Barbara Ann Stover, East Liverpool
 Richard James Straker, II, Columbus
 Thomas Sunwo, Columbus
 Rick L. Terhune, Dayton
 Leslie Virginia Thurman, Springfield, Pa.
 Patricia E. Toomey, Glenshaw, Pa.

Patrick Philip Vano, Parma
 John Henry Varga, Columbus
 Nancy L. Vetter, Portsmouth
 Frederick Robert Vogel, Girard
 Brian L. Vogelsang, Fort Wright, Ky.
 Carolyn J. Waggoner, Columbus
 Kyle Archer Walk, McKeesport, Pa.
 Patricia Watson, Columbus
 Jeffrey E. Wayton, Toledo
 Miles Lance Weaver, Fremont
 Paul Elwood Webb, Columbus
 Kevin Paul Weber, Columbus
 Thomas John Weidinger, Columbus
 Janet Lee Weingart, Galion
 Michael David Weiss, Columbus
 Carol Weitz, Mentor
 Rebecca Ann West, Canfield
 Steven Sanford Wexberg, Cleveland
 Larry Alan Wilcoxon, Racine
 Karen Elizabeth Wilkins, Xenia
 Gregory Brent Wilson, Oregon
 James Scott Wolery, Delphos
 Steven D. Wolf, Lexington
 Terrance Patrick Wynne, Columbus
 Thomas Albert Yano, Columbus
 William Edward Yeager,
 Haddon Heights, N. J.
 Harry Michael Yokum, III, Galloway
 Ruth Johnson Yost, Columbus
 Geoffrey J. Zann, Maumee
 Charles David Zarley, Zanesville
 Bruce Edward Zellmer, Fairborn

College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

One hundred and eighty candidates

David Walter Aemmer, Toledo
 Michelle Marie Albers, Worthington
 Nancy Jo Aleucsan, Canton
 Andrea Kay Andrioff, Columbus
 Gregory Alexis Anikeeff, Akron
 Paul Douglas Bailey, Circleville
 Lisa K. Balogh, Columbus
 Donald Beckham, Dayton
 Daniel Winter Benoit, Columbus
 Donna Marie Billmore, Columbus
 Frances Marie Blake, Columbus
 Deborah Kay Boerger, Marysville
 Douglas G. Borror, Columbus
 Reinhard Boyd, Mt. Vernon
 Terrence Patrick Brennan, Columbus
 Joseph Matthew Bright, Delaware
 Kathleen Marie Burns, Columbus
 Phillip Burns, Warren
 Miriam Elizabeth Bush, Wellsville
 Cread Cameron Chappelier, Columbus
 Stephen J. Charms, Shaker Heights
 Christopher Paul Chroniak, Germantown
 Laura Lynn Clark, Columbus
 Jeffrey L. Coakley, Columbus
 Cheryl Lynn Conrad, Marysville
 Matthew William Cooke, Columbus
 Stanley Lynn Cooper, West Union
 Mark Allen Crook, Columbus
 Monica Custis, Columbus
 Theresa Mary Czerwik, Buffalo, N. Y.
 James Richard Daly, III, Thorwood, N. Y.
 Joseph Patrick Dawson, East Liverpool
 Diana Jean DeCola, Worthington

¹ Also Certificate of Graduate Dental Hygienist, College of Dentistry

² Also Bachelor of Science in Education, College of Education

Ann Prescott Dervin, Reynoldsburg
 Laura Ann Dolan, Columbus
 Vito Anthony Durante, Jr., Columbus
 Timothy Early, Canton
 Rudolph Bernard Elfrink, Croton
 David Elwood Emery, Bellefontaine
 Josephine Ellen Fadley, Columbus
 Stephen Jerome Fagel, Cincinnati
 Gail Feinstein, Flint, Mich.
 Jay Francis Fisher, Columbus
 Robert David Forbes, Ashland
 S. Theodore Ford, Jr., Columbus
 Timothy P. Fouts, Toledo
 Dan Free, Springfield
 Claire Hadley Freeman, Chagrin Falls
 Mary Elizabeth Galvin, Toledo
 Robert A. Garwig, Youngstown
 Mitchell Lee Gentile, Brook Park
 Donald Gerdeeman, Columbus
 Donald C. Goeller, Circleville
 ToBI Skilken Gold, Columbus
 David Allen Green, West Chester
 Margi Louise Griffith, Lima
 Sally Jane Grossnickle, Columbus
 Michael E. Gudorf, Minster
 Suzette Gumz, Berea
 Larry Dale Haas, Columbus
 Jocelin Hackathorn, Canton
 Isabel M. Hadden, Worthington
 Doane Thomas Hall, Geneva
 Mari Jeanne Hanna, Columbus
 Elizabeth Hoover Harlen, Columbus
 * Pamela Wright Harris, Rocky River
 David Thomas Harter, Fairfax, Va.
 Stephen Alexander Henderson, Dayton
 Randy Wayne Hill, Marion
 Rebecca Belmont Hinton, Wooster
 * Nataly Jane Holmes, Moraga, Calif.
 James Henry Holthaus, Wapakoneta
 Doreen C. Howell, Toledo
 * Mary Katherine Hoyt, Toledo
 * Mari Katharina Huddle, Columbus
 J. Bruce Hunsicker, Akron
 Mary Alice Ingle, Bryan
 Henry James, Columbus
 Raymond M. Jankowski, Columbus
 Cynthia Ann Johns, Columbus
 Alvin Landis Jones, Prairie View, Tex.
 Deborah Jones, Columbus
 Nicola Joan Kelley, Columbus
 * Mary Patricia Kenney, Miami, Fla.
 Richard C. Kesler, Jr., Westerville
 Francis Norman Kilgour, Columbus
 John A. Kington, Columbus
 William Michael Koogler, Hightstown, N. J.
 Jon Michael Kravitz, Beachwood
 Robert William Kuntz, Kettering
 Randall Duane LaTour, Columbus
 * James Ian Lemon, Columbus
 David Robert Lee, Lakewood
 Melvin Charles Long, Columbus
 * Julianna Mary Lowry, Kettering
 Arthur C. Lunt, Put-in-Bay
 Kenneth Wayne MacDonald, Columbus
 Agnes Catherine Malcolm, Columbus
 Donna Lynn Martin, Columbus
 Marietta P. Massey, Columbus
 John P. Matheson, Euclid
 Stephen S. Mazzei, Cheviot
 Linda McArthur, Columbus
 * Vicki Lynn McMorow, Vancouver, Wash.
 Anthony C. Meldahl, Grandville
 David Ray Miller, Richmond, Va.
 Steven L. Muskat, New York, N. Y.
 Elizabeth L. Navarro, Edwardsville, Mich.
 Marianne Neal, Columbus
 Gertrude C. Nelson, Columbus
 * James Mary Noonan, Columbus
 Thomas Robert O'Donnell, II, Columbus
 Anthony Clarence Otto, Lorain
 Martin David Owens, Jr., Mantua
 * Rosa Maria Cecilia Pardo, Columbus
 Severino Pelino, Columbus
 Nancy Kay Pickett, Columbus
 Robin Ann Pringle, Columbus
 Monica Valerie Quenda, Columbus
 Cynthia Jo Rapp, Columbus

Paul M. Rauchenstein, Gahanna
 Bruce Allen Reck, Spring Valley
 Theresa Ann Reid, Hilliard
 Maxine Watson Rice, Oberlin
 *Lisa Crowe Richards, South Point
 Cheryl Thea Rivkin, Rapid City, S. D.
 *Judy Ann Robinson, Centerville
 Gregory Francis Romano, Lancaster
 *James Anthony Rubino, Columbus
 Joseph Harris Saling, Columbus
 James Alan Sarafin, Columbus
 Henry Paul Schaub, III, Loudonville
 Rita M. Scherer, Columbus
 Steven Manly Scott, Columbus
 Anita Louise Seckman, Columbus
 Lois Elaine Shaw, Coshocton
 Amy Hope Shear, Beachwood
 Rebecca B. Sheep, Columbus
 Lou Anne Sherer, Columbus
 Michael A. Short, Columbus
 David Lee Sites, Grove City
 Richard James Skipworth, Columbus
 Barbara Jean Smith, Delphos
 Douglas Alan Snyder, Columbus
 Joel Charles Solomon, Cleveland
 *Janet Gail Spears, Portsmouth
 Vicki Sue Spencer, Pomeroy
 Mary Louise Staveley, Columbus
 James Robert Steinberg, Columbus
 Deborah Lynn Sterling, Sioux City, Ia.
 Tracey Michele Stewart, Alfordton
 Kenneth Stillman, Monroeville, Pa.
 John Robert Straka, North Olmsted
 Alice Melissa Stuart, Plandome, N. Y.
 Kevin P. Stutler, Nelsonville
 Michael Dennis Sullivan, Batavia
 Marlene Talbott-Green, Worthington
 Scott Jeffrey Taylor, Columbus
 Bradford Howard Tharp, Columbus
 Jeffrey Crawford Thomas, Columbus
 Ricky Lee Thompson, St. Marys
 *Marina Louise Tschugunov, Warren
 Paul Alan Vash, Painesville
 Clayton B. Waller, Cincinnati
 Susan Haan Walraven, Columbus
 *Patricia Frances Warburton, Columbus
 Raymond L. Ward, LaCrosse, N. M.
 Robert Allen Watson, Columbus
 Kurt R. Weitendorf, Westlake
 Eloise A. Wenzel, Ashland
 Patricia Therese Whalen, Columbus
 Mary Katharine Wheatley, Columbus
 Robert E. Widing, II, Columbus
 Keith Arthur Wilkowski, Toledo
 Joann Blackwell Williams, Columbus
 Susan Garland Williams, Columbus
 Howard Winger, University Heights
 Diane Lee Wintering, Columbus
 Sallie Priscilla Zartman, Columbus
 Julio Froilan Zavala, Jr., Lorain

Bachelor of Science

Seventy candidates

Linda Lee Abbott, Columbus
 Howard Bennett Abramowitz, Englewood
 Merrie Mardis Ackerman, Groveport
 Gregory Lynn Ahrendsen, Columbus
 Eric Wyatt Andrews, Bluffton
 Dennis Robert Baer, Mansfield
 Robert C. Barmann, Columbus
 Janet Kay Bickle, Newark
 Richard T. Bradley, Darien, Conn.
 *Thomas J. Buckley, Lorain
 Matthew Joseph Earsik, Columbus
 Stanley J. Richard Cail, Richmond, Ind.
 Paul Kim Ho Chu, Columbus
 Terrence M. Connor, Pataskala
 Kenneth Donald Cook, Mansfield
 Roger A. Cooper, Piqua
 Bettyann Cooper, Elizabeth, Pa.
 Kevin David Cummings, Columbus
 Bernard William Cummissey, Columbus
 Mindaugas F. Dautartas, Chesterland
 William Kurt Dewar, Kenton
 *Marcia Lyn Donaldson, Kettering
 Donald G. Edwards, Columbus
 Andri Elia Elia, Elyria
 K. A. Fetterhoff, Columbus
 David Graham Foster, Sylvania
 Manuel A. Francisco, Jersey City, N. J.
 John David Fritts, Grove City
 Steven Gary Furniss, Harrisburg
 W. J. Garvin, Columbus
 Sanjoy Ghosh, Columbus
 Deborah Louise Grant, Lima
 Dominique Gray, Cincinnati
 Richard John Griesmer, Euclid
 Larry Arthur Gross, Bay Village
 Richard Lee Heestand, Columbus
 Diane Kay Heintzelman, Canton
 John C. Howard, Lyndhurst
 James Eric Hull, Columbus
 David Zeno Hursh, Columbus
 David Kent Knoef, Dayton
 Clifford James Lau, Pickerington
 Gregory Paul Luzio, Newark
 Craig Stephen Martin, Canton
 Joan Marie Metzger, Delphos
 Michael Howard Moorehead, Zanesville
 Maryanne Peri, Mansfield
 Gary Alan Perry, Jackson
 Henry Robert Phelps, Mentor
 Christopher H. Powell, Burton
 Paul V. Preckel, LaVale, Md.
 Joyce Prudic, Columbus
 Mohan Kandarpa Rao, Columbus
 Steve Clet Rinehart, Columbus
 Salwa Saliba, Canton
 Thomas Alan Schultz, Columbus
 Alan Paul Seabright, Lakewood
 Roger D. Searfoss, Harrod
 Karen Jean Shank, Springfield
 Michael J. Sheridan, Columbus
 Joan Helen Skon, Newark
 Deanne Lynn Snavely, Columbus
 James Michael Sudimack, Warren
 Robert Bruce Sullivan, Columbus
 Robert Richard Sybert, Jr., Lima
 Charles Lee Vavra, Shaker Heights
 Dave Wagner, Garfield Heights
 Andrew Thomas Watson, Urbana
 Robert Best Wilson, Jr., Charleston, W. Va.
 Ahdaf Abdalla Youstry, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Four candidates

Kirk Alan Benjamin, Dayton
 Marliou Jowick, Columbus
 Michael Shige Omori, Walbridge
 Edward Richard Seum, Columbus

- 1 Also Certificate of Graduate Dental Hygienist, College of Dentistry
- 2 Also Bachelor of Science in Education, College of Education
- 3 Also Master of Arts, Graduate School
- 4 Also Bachelor of Fine Arts, College of The Arts

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

Three hundred and forty-nine candidates

James Stuart Adair, Findlay

Thomas L. Ahman, Ottawa
Luis Manuel Alcalde, Columbus
Bonita Gae Alexander, Rittman
Helene S. Alexander, Columbus
Julie Helaine Ames, Thiensville, Wis.
Patricia Jerian Anderson, Columbus
Robert Charles Anderson, Columbus
Craig Douglas Andrew, Columbus
Steven Anthony Apple, Fairborn
Edward Keith Arndt, Columbus
Brian Scott Artz, New Carlisle
Luther Frederick Atkins, Grove City
James Emmett Baker, Columbus
Peter Anthony Barany, Portsmouth
Mary Barrow, Columbus
Janice K. Baskin, University Heights
Robert Alan Berk, Warren
Steven David Berlin, Columbus
Lee A. Biblo, Cleveland Heights
Kenneth L. Blackburn, Portsmouth
Yvonne Marie Bland, Columbus
Wayne Lewis Blue, Columbus
Jerald Alan Bock, Defiance
Connie Jean Boedter, North Canton
Blaise C. Borchers, Westerville
John Douglas Braudley, Reynoldsburg
Carol Brado, Mansfield
Joan F. Brett, Ravenna
Jan Briggs, Hicksville
Joseph H. Brockwell, Cambridge
Susan Dianne Brohrad, Westerville
Allan F. Brown, Rayland
Donna Sue Browning, Cincinnati
Michele M. Buck, Columbus
Robert Allen Bugos, Middleburg Heights
David Ellis Burch, Cincinnati
Daniel J. Burden, Columbus
Rebecca Ann Burke, Columbus
Patricia Lynn Summerour Burson, Columbus
Karen Dale Calder, Merrick, N. Y.
Margaret Callahan, Elyria
Patricia Ann Callif, Columbus
Cheryl Callsen, Middletown
Michael J. Camera, Lorain
Michael Howard Carpenter, Lebanon
Robert Chabali, Dayton
Larry Yee Chan, Euclid
Tsu Chapman, Omaha, Neb.
Sharon Sue Chappelle, Columbus
Brian Eric Chorning, Columbus
Flora Church, Berlin Heights
Sharon Renee Cochran, Dayton
Mark Stephen Cokes, Columbus
June Helene Collins, Springfield
Martin Conroy, Worthington
Loretta M. Conway, Cleveland
Buff Coletke Cook, Hicksville
Christopher Michael Cooper, Teaneck, N. J.
Cynthia Cottingham, Columbus
Marianne Elizabeth Crawford, Waverly
Francine Creme, Akron
Susan K. Croutwater, Springfield
Margaret Cull, Columbus
Cheryl Johns DeBoard, Columbus
Mary M. Diaz, Zanesville
Gail Denise Dornier, Akron
Marianne Drennen, Columbus
William Michael Edwards, Youngstown
Titus Udo Ekanem, Columbus
Daniel Joseph Englehart, Zanesville
Mark John Eriksen, Columbus

Sandra Sue Evans, Columbus
Lisa Roxanne Fallen, Fairfield;
Stephen R. Feldmann, Marion
Walter Cecil Ferris, Georgetown
Mary Ellen Feuler, Bayonne, N. J.
Gale Steven Finley, Columbus
Anna R. Florentine-Knott, Dayton
Donald M. Floyd, Jr., Columbus
Mary Anne Flynn, Cleveland
Michael Joseph Forquer, Bethesda, Md.
Louis Robinson Foster, Columbus
Judd Brian Frank, Beachwood
Mark S. Friedland, Columbus
Michael Paul Frisero, Columbus
Bette Fronista, Steubenville
Jan Fuller, Columbus
Omar Ganoom, Worthington
Stephanie DeWitt Garland, Harrisburg
David R. Garrett, Dover
Arthur S. Gaynor, Columbus
J. Seth Gilbert, Cincinnati
Richard S. Gilfert, Canton
Daniel J. Gilvary, Parma
Jennifer Lynn Glasco, Columbus
Douglas L. Glass, Columbus
B.S.A. (University of Georgia)
Jeffrey David Glasser, Columbus
Claudia J. Glennan, Columbus
David Chaim Gold, Columbus
David Goldberg, Bayside, N. Y.
Jeffery Robert Goldsch, Columbus
Victor Alexander Golovin, Troy
Steven Douglas Gonya, Lebanon, Pa.
Ernesta G. Gordon, Columbus
Lawrence Verner Gordon, Alexandria
Mollie Michelle Gordon, Columbus
Regina Gossett, Columbus
Linda Lee Grabill, Wilmington, Del.
Shirley Leighty Graham, Normalville, Pa.
Teresa Gay Graham, Columbus
Stephen George Gray, Honolulu, Hawaii
Richard Alan Green, Parma
Jill Ann Griffith, Bucyrus
Terri K. Griffith, Circleville
Donna Marie Grossenbaugh, Bedford
Bruce Anthony Guzowski, Aurora, Colo.
Ruth Haberborn, Cleveland Heights
Phillip N. Hale, Springfield
Nancy Marie Haley, North Canton
Hilary Hall, Urbana
Janet Carol Hammons, Columbus
Mary Patricia Hanna, Belle Vernon, Pa.
William Robert Hartnagel, Jr., Columbus
B.S.
Randal Aaron Hauck, Columbus
Stephen Joseph Havlicic, Terrace Park
Susan Cynthia Hayes, Cadiz
Jeffrey Lloyd Hayton, Steubenville
Robin Scott Heckathorn, Columbus
Donald A. Heffernan, Columbus
Mark Height, Van Wert
Richard Helber, Columbus
Paul Steven Heller, Rego Park, N. Y.
Deborah Marie Hickman, Columbus
Laurainda Morris Hoch, Baltimore
Maxine Hofberg, Chevy Chase, Md.
Ellen Elizabeth Hogg, Cincinnati
Carole Ruth Hollander, Columbus
Steven Michael Hook, Columbus
Doris O. Hoskin, Columbus
Jeanette Lynne Houston, Litchfield
Robin Crites Howard, Columbus
Larry Wayne Hutchison, Columbus
Ane Lahorne Hutchinson, Mansfield
Nancy Ann Hutchinson, Euclid
Richard J. Jackson, Lyndhurst
Rita Lee Jackson, Columbus
Elaine Ann Janik, Youngstown
Christi Holly Jenkins, Akron
Grace Lee Jenkins, Columbus
Jeryl Ann Jenks, Columbus
Susan Kim Johnson, Pickerington
Mark Vincent Jos, Canfield
Michael A. Kachilla, Cumberland
Attila Joseph Kassa, Lakewood
Aaron J. Keirns, Columbus
Jacqueline Davis Keister, Celina

Barbara Lee Keller, Columbus
Mara Kay Kenney, Canton
Robert James Kent, Clarks Summit, Pa.
Scott W. Kermdo, Lakewood
G. Scott Key, Columbus
Cynthia Lynn Kidwell, Stow
Cecilia Kinast, Pittsburgh, Pa.
Paschal A. King, Jr., Lancaster
Michael David Kinkley, Worthington
Denice Lynn Kish, Marion
Louis William Klein, Columbus
Diane Toni Kline, Cranford, N. J.
J. Michael Kline, Van Wert
Louise Margaret Klueber, Cleveland
David Alan Knouff, Reynoldsburg
Paul Ignatius Kolaric, Cleveland
Mary L. Konstan, Akron
Georgianne Cicile Krause, Columbus
Deborah L. Kurfuss, Fairfield
Maybelle Kwan, Columbus
Gary James Lake, Gahanna
Susan Lois Lauffer, Euclid
David Lewis Laube, Delphos
Karen Fram Layman, Roanoke, Va.
Cheryl Ann Leach, Pittsburgh, Pa.
Peter Christen Lemmerman-Rankin, Sovizzo, Italy
Ellen Annette Leon, Parkersburg, W. Va.
Mark Dale Leppert, Columbus
Marilyn Beth Lewis, Cincinnati
Tracy E. Lewis, Columbus
Patricia Mary Link, Sandusky
Elizabeth L. Little, North Canton
Julie A. Long, Columbus
Michelle Jeanne Long, West Milton
Susan Teresa Long, Stow
David Joseph Lorr, Columbus
Bruce Wilson Lowe, Columbus
Robert Wayne Maiolo, Elyria
Stephen Alan Malachuk, Camp Dennison
Joan Mann Mansfield
Harry Richard Margulies, Columbus
Alan Steven Markovic, Elyria
Jeffrey A. Marks, Shaker Heights
Sarah M. Mattimoe, Toledo
Jane Elizabeth Mattlin, Columbus
Harlan A. McCulloch, Columbus
Scott Day McEwen, Western Springs, Ill.
Mary Patricia McGraw, Lima
Christine C. McLaughlin, Fairfield
Mark Grant Medick, Columbus
Scott Henson Merryman, Worthington
Deborah Ann Metz, Springfield
Judith A. Michaels, Cuyahoga Falls
Joseph William Mindigo, Columbus
Daniel John Minor, Columbus
Mark Stuart Mitchell, Plain City
John Edward Moore, Plainstown
Linda Sue Morgan, Hillsboro
Martin K. Morrison, Columbus
Irene Louise Mueller, Shelby
David Matthew Munz, Newark
Michael Allen Murphy, Gahanna
Robyn Anne Murry, Columbus
Darby Dee Myers, Salem
Janice Marie Nye, Plain
Nancy Jo Nelson, Columbus
Nora Jean Nerone, Columbus
Brenda Sue Newcome, Frazeysburg
Lynn Thomas Nichols, Portsmouth
Bonita Lynne Noe, Columbus
Debra Kay Noe, Hillsboro
Nancy Ann Novak, Jefferson
John Frederick Nye, III, Columbus
Jacqueline Lynn Oberlin, Zoraville
Richard Lane Odor, Newark
Michael L. Ongalibang, Columbus
Mari-jean Oswald, Columbus
Cynthia Ann Parilak, Columbus
Beth Samson Parks, Lower Burrell, Pa.

1 Also Bachelor of Science in Education, College of Education
2 Also Doctor of Dental Surgery, College of Dentistry
3 Also Certificate of Graduate Dental Hygienist, College of Dentistry
4 Also Doctor of Medicine, College of Medicine

Pamela S. Pass, Elyria
 Donald Clay Patrick, Columbus
 Maureen Ellen Patrick, Columbus
 Lesly Jean Patterson, Leontia
 Kenneth John Paul, Gahanna
 James William Perrine, Hamilton
 Franklin E. Perry, Piquette
 John Thomas Petcher, Parma
 Timothy Lee Petty, Bellefontaine
 Harry Steven Phillips, Columbus
 Maria A. Pizzi, Ashtabula
 Ellen Pogos, Columbus
 Linda Powell, Thornville
 Shawn V. Portmann, Lima
 Carole Ann Quinn, Fullerton, Calif.
 Phyllis Jane Radabaugh, Findlay
 Gail Ann Ralich, Avon
 Barbara Kay Ramage, Brunswick
 Janice Lennon Ramsdell, Columbus
 David Allan Ray, Cuyahoga Falls
 Jeffrey S. Ray, Wheaton, Ill.
 Kathie S. Ray, Columbus
 Melissa Magers Reed, Columbus
 Marc Steven Regberg, Canton
 Lourdes Rego, Miami, Fla.
 Janis Marie Remar, Columbus
 Bradley Jameson Reid, Lima
 Cynthia Jill Reynolds, Washington, Pa.
 Joan Elaine Rietschin, Crestline
 Sarah M. Roberts, Worthington
 Susan Lee Roberts, Lima
 Penny Anne Rodeen, Rocky River
 Robert Michael Roof, Columbus
 Brent David Rosenthal, University Heights
 Anthony T. Rosta, Zanesville
 Mark Edwin Rube, Ottawa
 Sherry Kay Ruschau, New Paris
 Charles J. Russ, II, Columbus
 Carole Lynn Sabatine, Columbus
 Tony Louis-Sahey, Seven Hills
 Roberta Saidleman, Columbus
 Michael Francis Schepher, Columbus
 Dirk Schlachter, Wapakoneta
 Richard Mark Schottenstein, Columbus
 Gregory A. Schworm, Westerville
 Michael James Schultz, Grove City
 William W. Sharrett, Jr., Kettering
 Donald R. Shartzler, Columbus
 Barbara Deane Shearer, Westerville
 Susan Jill Shire, Winterville
 Lisa Ruth Shreffler, Columbus
 David Irving Shroyer, Troy
 Phyllis Jane Sika, Cleveland
 Sandra L. Simpson, Columbus
 Ronald E. Skidmore, Columbus
 James Walter Skogstrom, Columbus
 Douglas Edward Smith, Columbus
 Patricia Ann Smith, Somerset
 Robin Smith, Arcadia, Calif.
 Timothy M. Smith, Vermilion
 Jerry Lee Snyder, Columbus
 Scott Ellis Spellerberg, Tiffin
 Rosemary Tully Springer, Mansfield
 John Leslie Stark, Mansfield
 William Roy Staton, Avon
 Mark Walter Stepanek, Parma
 David G. Stephens, Beverly
 Debra Susan Stevens, Columbus
 Norman A. Stevens, Columbus
 Leslie L. Stobbs, Springfield
 Dan Thomas Stowe, Galloway
 Alfred James Sugawara, Cincinnati
 Pamela Sue Swab, Columbus
 John Lawrence Tamborski, Dayton
 Patricia King Tanoury, Reynoldsburg
 Edna Tenenbaum, Columbus
 Rick Raymond Thies, Warren
 James A. Tillie, Richmond Heights
 Kim Koch Toussant, Columbus
 Barbara Ellen Townsend, Toledo
 Michele S. Towson, Chestertown, Md.
 Nikki Kathryn Tracy, Columbus
 Nanette Marie Traetow, Columbus
 Timothy S. Triglilio, Lorain
 Karen Lynn Uyesugi, Wickliffe
 Roni Joanne Van Horn, Columbus
 Gary Anthony Vara, Canton

Lori Ann Varckette, Ashtabula
 Debra Cecile Victoroff, Cleveland Heights
 John G. Wagner, Mt. Cory
 Lesly Stephen Wallace, Port Clinton
 Gail Lynne Walls, Ashland
 Samuel Elias Warwar, Oakwood
 Vicki Lynne Webb, Columbus
 Joan Patricia Weber, Cincinnati
 Jerold Weinberg, Girard
 Stephen Wertheim, Cleveland
 Curtiss Lewis Williams, Columbus
 Kent Charles Williamson, Columbus
 Robert Randall Witt, Union City
 Ruth Melissa Wissman, Columbus
 Daniel Lee Wolf, Delphos
 Brent J. Woldberg, Columbus
 Lenita Renee Womack, Cleveland
 Christopher J. Wood, North Canton
 Denise Wood, Dayton
 Debbie Kay Witten Woodruff, Columbus
 Scott M. Wyman, Lorain
 Michael Eric Yaffe, Toledo
 Daniel B. Yaross, Columbus
 Karen Diane Zamba, Cleveland
 Mitchell Ray Zoellner, Columbus
 David Hartzler Zook, III, West Liberty

Bachelor of Science

Forty-nine candidates

Sandra Marian Adams, Parma
 Edna Capshaw Barnhill, Gahanna
 Barbara Jean Bauer, Portsmouth
 Emily Margaret Ann Brose, Cincinnati
 William Joseph Cannistra, McDonald
 Janet R. Davison, Youngstown
 Edward Jay Donner, Avon Lake
 Timothy Patrick Duffey, Worthington
 Michael Jonathan Epp, Springfield
 James L. Erb, Erie, Pa.
 Marie Denise Francoski, Painesville
 Larry Michael Frankiewicz, Elyria
 Stephen James Gillan, Maumee
 Jeffrey Lynn Gilmore, North Canton
 Samuel A. Greenberg, Columbus
 Edmund Clyde Guilfoyle, Cleveland
 Diane Marie Hennacy, Columbus
 William T. Hepburn, Jr., Akron
 Michael Forrest Hill, Mansfield
 Tonnie A. Hoyle, Tiffin
 Melinda Jackson, Toledo
 Nancy L. Jacobs, North Canton
 James E. Kemp, Cincinnati
 Robert E. Kemp, Cincinnati
 Michael Lee Krieger, Lima
 Cheryl Anne Lawton, Columbus
 Alison Sue Linn, Delaware
 Nick Malobabic, Lorain
 Kenneth E. Meeks, Columbus
 Thomas John Montagno, Marion
 Bradley Allan Myers, Celina
 James M. Pacenta, Akron
 June Roxanne Price, Columbus
 Philip Sidney Price, Troy
 Mark George Raderstorff, Springfield
 Robert Joseph Smith, Chillicothe
 Sharilyn Ann Sonner, Hicksville
 Roberta F. Sorensen, Columbus
 Thomas H. Sullivan, Columbus
 Michael Lee Tessneer, Enon
 Jeffrey J. Thomas, Columbus
 Charles Timon, Jr., Buchanan, N. Y.
 Maria Cecile Turchanik, Seven Hills
 John William Tyznik, Columbus
 Paul M. Wendling, Denton, Tex.
 Beth Willett, Columbus
 Linda Joann Williams, Cleveland
 Pamela Sue Williams, Columbus
 Naomi Ruth Woods, Columbus

Bachelor of Arts in Journalism

Sixty-six candidates

Michael C. Baird, Columbus
 Marion D. Barrett, Mt. Sterling
 Karen E. Bast, Galloway
 Lynn Marie Betor, Fall River, Mass.
 Joy L. Betz, Dayton
 John Kevin Brady, Zanesville
 Renate Margit Burgyan, Lakewood
 Patricia Hillis Carro, Columbus
 Marybeth Cass, Lakewood
 Gerald V. Clark, Columbus
 Dana Clare Cooper, Columbus
 Rod A. Covey, Canton
 Charnell Dahl, Elyria
 Deborah K. Daniels, Pittsburgh, Pa.
 Carol Ann Decaminada, Columbus
 Mary Ellen Dekker, Ridgewood, N. J.
 Jean Elizabeth Dixon, Worthington
 John Francis DeBroka, North Olmsted
 MarDee Doll, Massillon
 Glen Alan Duffy, Columbus
 Ann Louise Finnicum, Mineral City
 Jack Allen Fogle, Fairfield
 Thomas Anthony Fogliano, Elyria
 Karen Kay Gettgey, Defiance
 Patricia Ann Glowacki, Amherst
 Christine E. Goodwill, Cincinnati
 Thea C. Grendahl, Fremont
 Kathleen Elizabeth Harrington, Lorain
 Elizabeth Anne Hauser, Columbus
 Kay Eileen Heinrich, Lima
 Gary A. Hemphill, Middleburg Heights
 Greg Hoersten, Lima
 Gary Kay Hoyt-Stewart, Columbus
 Gina Maria Ingram, Middletown
 Keith Kenneth Kercher, Columbus
 Larry D. King, Lima
 Norma Jean Kolk, Columbus
 Nancy Jean Kramer, Columbus
 Jennifer Ann Leking, Sylvania
 Michael B. Lieber, Chillicothe
 Nicholas Scott Madved, Youngstown
 David Merves, Lorain
 Teresa L. Michel, Cincinnati
 Neil Roy Mortine, Newcomerstown
 Lorraine Fridrich Noernberg, Cleveland
 Drew Norman Parkhill, Coshocton
 Teresa E. Perrel, Virginia Beach, Va.
 Joel Carl Recht, Akron
 Lisa Anne Rose, Strongsville
 Darrel D. Rowland, Jeromesville
 Rose Marie Royal, Columbus
 Jerry Eugene Rush, Dunkirk
 Patricia Louise Ryan, Columbus
 Patricia Loretta Sims, Columbus
 J. Phillip Sullivan, Martins Creek, Pa.
 Richard Deann Tolles, Mansfield
 Bruce E. Tratar, Martins Ferry
 Clifford Raymond Treysen, Columbus
 Carolyn Meeker Trusler, Elyria
 William P. Virgin, Jr., Columbus
 Susan Louise Waitenbaugh, North Canton
 Gary Russell Weiland, Avon Lake
 Richard Keith Williams, Columbus
 Vicki Renee Williams, Columbus
 JoAnna G. Williamson, Columbus

1 Also Certificate of Graduate Dental Hygienist.

2 College of Dentistry.

3 Also Doctor of Dental Surgery, College of Dentistry

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

Four hundred and forty-two candidates

Paul Abramowitz, Columbus
Marcia Lou Acles, Springfield
Steven Leslie Adams, Springfield
Susan B. Adams, Kettering
Michael Joseph Ahern, North Olmsted
John Curtis Albert, Columbus
Joseph Patrick Albert, Euclid
William Donald Alford, Minford
David Leigh Amrine, Marietta
Ralph Porter Amrine, Columbus
Jeff Kime Andrioff, Jr., Columbus
Barry Eugene Anthony, Canton
David Raymond Applegate, Columbus
Joseph Stephen Armani, Dayton
Bradley Charles Armstrong, Dover, Mass.
Richard Scott Arntstone, Cleveland
Richard Melvin Arter, Upper Sandusky
Kent James Arthrell, Lorain
Richard Douglas Bailey, Millbury
Dan William Baker, Worthington
Robert Kent Baker, Killbuck
Stephen Everett Baker, Columbus
David Curtis Bandy, Columbus
Michael Eugene Bary, Lima
Philip Gordon Banks, Columbus
Daniel Charles Barson, Avon Lake
Bonnie Christopher Bates, Willowick
Mark Alfred Bates, Reynoldsburg
Willie Randolph Bates, Jr., Cleveland
Gary Lynn Bean, Warren
Richard John Belczak, Columbus
Randall John Belden, Defiance
Donna Jean Benedict, Norwalk
John Frederick Bentz, Columbus
James Lee Bergman, Celina
Deborah Dee Biggs, Mt. Vernon
Katherine Lee Black, Columbus
Thomas Dean Black, Zanesville
James Fredrick Blackburn, Columbus
Simon Vivian Blake, Kingstons, Jamaica
Agnes Tulk Blakely, Elyria
Rodney Gail Bland, Tiffin
Harold Leon Bohy, Pittsford, N. Y.
David Paul Bohne, Parma
John Joseph Botti, Columbus
John Russell Bowden, Jr., Lorain
Diane Marie Boyd, Yorkville
John Lester Boylan, Delaware
William Michael Brandel, Toledo
Michael Otto Bran, Columbus
Robert Louis Brudzak, Fremont
Steve John Bruzza, Mansfield
Harvey Lewis Bryan, Jeffersonville
Barbara Ann Bucci, Lima
Michael Wayne Butdoff, Wooster
Mark Curtis Byar, Northville, Mich.
Peter Matthew Byrnes, Marion
Steven Richard Carlson, Downers Grove, Ill.
John Ray Carper, Jr., Springfield
Terrence Lee Carter, Reynoldsburg
Patrick Joseph Casbarro, Columbus
Ronald Duane Catley, Youngstown
William Daniel Chambers,
Huntington, W. Va.
James Perry Clark, Columbus
Paul Joseph Clutter, Columbus
Michael Ray Coggins, Columbus
Jack Lee Conrad, Newark
Richard Eugene Conn, Jr., Akron
Michael John Conroy, Columbus
Laurie Jean Converse, Lima
Michael Lloyd Cosgriff, Euclid
Gene Alan Coupland, Blacklick

David Brian Cousino, Toledo
David Arthur Crawford, Columbus
Daniel Paul Crepeau, Columbus
Jeffrey Ward Cross, Fairborn
Roger John Cubalchini, Crete, Ill.
Susan Leslie Davies, Hudson
Thomas Craig Dean, Geneva
Russell Edward DeBoer, Worthington
James DeFazio, Huron
Lawrence Walter DeLeon, Westerville
Stephen Eugene DeMarsh, Canton
Louis William Demis, Navarre
Howard David Deslandes, Bellefontaine
Michael George Detzel, Avon Lake
Jeffrey Reed DeVore, Columbus
Gary Lee Dickson, Caledonia
Donna Virginia Dilley, Akron
Roderick Hadley Dillon, Jr., Newark
Davis Reed Dixon, Traftford, Pa.
Joseph Kent Dobina, Canton
James Bruce Doebie, Columbus
William Jeffrey Dortmund, Columbus
Marvin Isaac Droz, Dayton
Terrence Francis Duffin, Bay Village
Kenneth Lynn Dull, Ohio City
Donald Paul Durbin, Lexington
William Michael Ecker, Cleveland
Thomas Eugene Eckhardt, Middletown
Robert Troy Eckhart, Westchester
David David Edelman, Lima
Allen Rae Ehlers, Warminster, Pa.
George Edward Engelberg, Columbus
Dennis James Ensign, Springfield
Kim Cornell Epskamp, Jackson, Mich.
Arthur Joseph Farkas, Jr., Columbus
Jody Benjamin Feldman, Parma Heights
Steven Curtis Fenton, Washington C. H.
Jeffrey Patrick Ferrill, Columbus
James Edwin Finn, Amelia
James Patrick Foreman, Lima
Barry Sheldon Forman, Cleveland
Douglas Charles Foust, Worthington
John Thomas Francescon, Columbus
Gerald Henry Franks, Clarks Summit, Pa.

B.A.
George Randall Freund, Mansfield
James Paul Frith, Columbus
Michael John Frydryk, Hillsboro
Connie Po-Sin Fung, Columbus
Mark Raymond Gaborick, Parma
Richard Bertram Gallant, Jr., Centerville
Joseph Mark Gallina, Cincinnati
Rudy Lynn Gallo, Wooster
Jory John Galter, Cleveland
Michael Anthony Garcia,
Middleburg Heights
Thomas Edwin Gardner, Cincinnati
John Cary George, Lebanon
Ronald Ray Gerwig, Ashland
James Joseph Gibboney, Columbus
Kathleen Susan Gibbs, Columbus
Mark Steven Gibson, Newark
Steven Glenn Gibson, Grove City
Michel Glower, Columbus
John Kenneth Good, Columbus
Howard Goldberg, South Euclid
Mark Randall Goldstein, Chicago, Ill.
Scott Alan Goldstein, Wooster
Robert Allen Goldwasser, Westbury, N. Y.
Dann Parrott Goodson, Mt. Vernon
Michael M. Gordon, Marion
David Abram Grant, Cleveland
Joanne Sue Grant, Lincoln, Neb.
Timothy Grant, Akron
Gailie McCargo Graves, Worthington
Phillip Ray Green, Wheelersburg
Raymond Scott Griffith, Vandalia
Susan Elizabeth Grimm, Vincent
Elizabeth Boardman Grimsley, Worthington
David Lynn Grubbs, Troy
Andrew Brian Grywalsky, Columbus
Scott Arthur Gundolf, New Carlisle
Thomas Robert Gustin, Canton
Garth Eric Gwynn, Columbus
Gregory Alan Haidet, North Canton
Mark Andrew Hamilton, Worthington
Joseph Edward Hanoyk, Mentor

Clarence Ellis Harmon, Augusta, Ga.
Jill Louise Harper, Massillon
John Johann Hartig, Columbus
David Lee Haslup, Columbus
Melissa Elizabeth Hayest, Cadiz
Terry Lynn Heaton, Hillsboro
Mark Raphael Heffken, Athens
John Edward Hein, Worthington
Theresa Ann Heiner, Piqua
Ella Effingham Heinek,
Huntington, W. Va.
Thomas Robert Hempstead, Springfield
Douglas Kim Herr, Columbus Grove
Bonetha Marie Hertz, Cincinnati
Sandra Elaine Heslop, Columbus
Harry Augustus Hibler, Cleveland
Eric Dwight Hilleford, Dayton
Jay Stanley Hill, Cleveland
Kevin Lynn Hill, Granville
James Norman Hinkle, Dayton
Kim Bruce Hippensteel, Findlay
Nancy Marie Hohman, Xenia
Paul Brian Holmes, Worthington
Terrence Glen Holzworth, Dover
Charles John Horvath, Toledo
Kenneth Paul Howes, Newark
William Henry Hrabak, Jr., Toledo
Richard Lee Huffman, Columbus
Gary Alan Hunt, Brecksville
Robert James Hunt, Jr., Columbus
James Dewey Hunter, Whitehall
Mark Harry Hutton, Brecksville
Terrence Lynn Isaacs, Belpre
Lawrence Ezihe Iwuuala, Nigeria
James Keith Jacobs, Cleveland
David Russell James, Mt. Gilead
Nolan Craig Jason, Cincinnati
Thomas Michael Jasper, Columbus
Rhonda Lee Jaswa, Wadsworth
Greg Jason Javor, Lorain
William Wallace Jenkins, Columbus
Kim Chee Jeung, Lakewood
David Eric Johnson, Cuyahoga Falls
B.A.
Shirley Ella Johnson, Columbus
Gary David Jones, Lakewood
Thomas Reid Jones, Hinceley
Jeffrey Allan Jordan, Columbus
Scott Iver Josephson, Corning
Gail Theresa Jurey, Wadsworth
Mansour Abdel Aziz Kaaki,
Jeddah, Saudi Arabia
Margaret Mary Kane, Chicago, Ill.
Drew Keith Kate, Beachwood
Paul Eugene Keipper, Portsmouth
Timothy James Keller, Columbus
John Alan Keller, Ashland
Charles Mark Kessling, Gallipolis
Karen Sue Kilkenny, Whitehall
Jeffery Alfred Kill, Spencerville
Gus Neil King, Springfield
Michael Lee Kitchen, Urbana
Bruce Micheal Klein, Pittsburgh, Pa.
Jeffrey Dale Kline, Worthington
John David Kneger, Newark
John Phillip Koch, Jr., Rocky River
Sharnay James Koch, Worthington
Jean Elizabeth Koller, Cincinnati
Robert Alan Komar, Lakewood, N. J.
Nicholas James Kontras, Columbus
Samuel Denton Koon, Columbus
Helen Jane Kowalski, New Albany
John Wendel Kozak, Zanesville
John David Kregar, Newark
Lee Joseph Krendl, Delphos
George Thomas Kruder, Marion
John Bradley Kuhns, Springfield
Deborah Leslie Kullman, Norwalk
Robert Barry Laks, Shaker Heights
Timothy Carlos Landers, Zanesville
Carl Dave Lassel, Gahanna
William James Lathrop, Centerville
Steven Robert Laws, Lima
Thomas Carl Lawson, Athens
Dale Edwin Leachman, Adamsville
Patrick Brendan Lee, North Reading, Mass.
Frederick Jay LeFevre, Springfield

John Russell Leupp, Canal Winchester
 Michael David Levitz, Elizabeth, N. J.
 Steven Levy, Gahanna
 Thomas Charles Little, Worthington
 Roberta Livsey, Dayton
 Douglas Lee Loeffler, Columbus
 Gregg Robert Lustig, Newport News, Va.
 Christopher Francis Lynch, Frankfort, Ky.
 Paul Phillip Mach, Orange Village
 Charles Wayne Martin, Columbus
 Donald William Martin, Westerville
 Thomas Patrick Martini, Columbus
 John Bernard Mast, III, Zanewille
 Charles Henry Masterson, Columbus
 Gary Miles Mathews, Warren
 David Laurence McClain, Kettering
 Patrick Timothy McDevitt, North Canton
 David James McElroy, Fredericktown
 Jeffrey Michael McHugh, Temperance, Mich.
 Jeffrey Bernard McIntyre, Warren
 Christopher Anthony McLoughlin, Columbus
 David Joseph McNichols, Columbus
 Peter Edward McQuillon, Huron
 Jeffrey Lee Meier, Columbus
 Bruce Lee Mellman, Whitehall
 Mark David Mellman, Dayton
 Nancy Lee Milam, Columbus
 David Eugene Miller, Bucyrus
 Gary Wayne Miller, Parma
 Robert Frank Miller, Fremont
 Steven Douglas Miller, Marion
 Ronald Lee Moeller, New Bremen
 Robert Lee Morris, Carroll
 Phillip Eugene Mundt, Heath
 Christine Ann Murnane, Columbus
 William Norman Murton, II, Columbus
 Lawrence Todd Newman, Shaker Heights
 Karen Elizabeth Nicholson, Englewood
 Morris Ralph Nord,
 St. Albert, Alta., Canada
 Anita Therese Nowicki, Garfield Heights
 John Daniel Nowicki, Toledo
 Thomas John Odenwalder, Columbus
 Charles Alfred Olson, Columbus
 Robert Alan O'Malley, Cincinnati
 Roderick Thomas Osborn, Columbus
 Mark Osterheld, Worthington
 Richard Allen Ott, Columbus
 B.
 Richard Eli Overmyer, Jr., Payne
 Thomas Wendell Owings, Lima
 Michael Alan Page, Lima
 Cheryl Lynn Palmer, Houston, Tex.
 Randall Brent Palmer, Urbana
 Bruce Caldwell Panek, Columbus
 Jim Dino Panepucci, Dillonvale
 Fran Efronisy Pantelides, Canton
 Gaetana Christine Patti, Columbus
 Richard Allen Pautsch, Worthington
 James Allen Pence, Bay Village
 Dominic Vincent Perry, Youngstown
 Kathryn Anne Petch, Parma
 Costantino Petrides, Steubenville
 Brett Anthony Petric, Canton
 Jeffrey Paul Pfum, Van Wert
 D. Lee Pickering, Columbus
 Robert William Pike, Cuyahoga Falls
 Anthony William Pistick, Xenia
 Ruby DeLois Porter, Mansfield
 Jon Lawrence Postyn, Easton, Conn.
 Jeffrey Lee Pottinger, Gahanna
 Brett Charles Potts, Columbus
 Charles Craig Fray, Centerville
 John Michael Price, Columbus
 Timothy Joseph Putman, Massillon
 Marvin Dale Quinn, Sandusky
 Catharine Gordon Raines, Columbus
 James Bradley Reardon, Springfield
 Paul Alan Reishus, Edina, Minn.
 Ken, Hong Kong
 Phillip Michael Respar, Solon
 James Robert Reynolds, IV, Chagrin Falls
 Rhonda Jayne Rice, Newark
 Mary Louise Robinson, North Olmsted
 Curtis Lee Robson, Reynoldsburg
 Phillip Antoine Roettcher,
 Huntington Station, N. Y.

Terry Jack Rogers, Mt. Sterling
 Richard Evan Romanoff, Sylvania
 Michael Jay Rosenstein, South Euclid
 Timothy Case Rosier, Canton, Ga.
 Lynn Alene Roth, Toledo
 Bruce Ruhl, Southfield, Mich.
 David Charles Russ, Columbus
 Robert James Ryan, Jr., Columbus
 Joseph Nicolas Salemi, Seven Hills
 Mark Edward Samsel, Avon Lake
 David Scott Samuels, Beachwood
 Gary Lee Samuels, Columbus
 Richard J. Sanford, Columbus
 Anthony Joseph Sarno, Lima
 David Cameron Saul, Columbus
 Robert Kathy Schaefer, Columbus
 Harry Roy Schneider, Cincinnati
 Robert Anthony Schonhardt, Reynoldsburg
 James William Schweitzer, Canton
 Warner Delano Searls, Jr., Pickerington
 Omer Franklin Seimer, Circleville
 Charles Arthur Severt, Coldwater
 Mark Steven Shannon, Westerville
 Joseph Gerard Shennessy, Youngstown
 Robert Shea, Ashland
 Mark Douglas Shealy, Bucyrus
 David Eugene Sheffer, Sandusky
 Debra Katherine Shonkwiler, Columbus
 Carl Wheeler Shye, Lexington, Ky.
 Michelle Ann Sibila, Massillon
 Robert Jeffrey Siebenhaler, Dayton
 Dan Michael Singer, Columbus
 Elizabeth Louise Siskak, Garfield Heights
 Thomas Edward Skladany,
 Bethel Park, Pa.
 Sharron Sloan, Mansfield
 Paul Berton Slone, Jr., Milan
 Gary Scott Smith, Troy
 Roy Warren Smoot, Springfield
 Scott Allen Snyder, Columbus
 Thomas Alan Snyder, Loudonville
 David Vincent Soler, Parma
 Martin Francis Soller, Marysville
 Daniel Edward Sortman, Centerville
 Ralph Scott Spriggs, Columbus
 Susan Laura Stancel, Tiffin
 Robert Starcher, Parma Heights
 Stanley Joseph Starr, Wooster
 Robert Lawrence Stauffer, Dayton
 Ronald Craig Stemen, Worthington
 James Edward Stevenson, Euclid
 David Bruce Still, Cincinnati
 Debra Ann Stipes, Coshocton
 Thomas Edward Stock, North Canton
 Kathie Christine Stoll, Newark
 Karen Ann Stone, South Euclid
 Michael Doyle Stoner, Columbus
 Kevin Lewis Strauberg, Williamsport, Md.
 Jane Ruth Stuart, Plandome, N. Y.
 A. Gilman Sullivan, Youngstown
 Michael Allen Sustersic, Brecksville
 James David Swain, Columbus
 Roberta Ann Swartz, Ashland
 Paul Harris Sweetall, Huxton, N. Y.
 Michael Robert Talbot, Columbus
 Mark Peter Tanourey, Zanewille
 John Philip Theibert, Columbus
 James Luke Thieman, Minster
 David Wendell Thomas, Gallipolis
 Robert Dean Thomas, Conroy
 Thomas Edward Thomas, Findlay
 Thomas Lee Tomlinson, Columbus
 Michael Joseph Thompson, Canton
 Jane Ann Thornburgh, Toledo
 Phyllis McGrew Throckmorton,
 Bloomington, Ill.
 Ronald George Thurkettle, Columbus
 Mark Alan Tiffany, Centerville
 Kevin Arthur Traucht, West Liberty
 Steven Joseph Trautman, Reynoldsburg
 David Patrick Vaseck, Bedford
 Janet Strempel Vasko, Piqua
 William Edward Vohlars, Aurora
 James Mark Volpe, Columbus
 David Alan Von Derau, Dayton
 Malden David Walite, Jr., Washington, D. C.
 Frederick James Wald, Canal Winchester

James Ray Walker, Mansfield
 Robert George Walker, Burlington, Ia.
 Richard Conrad Waller, Jr., Atwood
 Gary Donald Walton, Niles
 Beverly Jo Ward, Milan
 Joseph Patrick Ward, Stow
 Robert Neil Weaver, Canfield
 Bruce Henry Weinrib, Columbus
 Douglas Everett Wells, Middletown
 Glenn Edward Wenzel, Gahanna
 James Robert Wenzel, Westerville
 Joan Elizabeth Wheeler, Centerburg
 Keith W. White, Canton
 Martin Earl White, Worthington
 Lawrence Anthony Windig, Jr., Toledo
 Lisnawati Wihardja, Singapore, Singapore
 Robert Bruce Wilde, Hamilton
 Randy Allen Williams, Marietta
 Tracy Anne Williams, Mansfield
 Nancy Ann Willman, Urbana
 Daniel Thomas Windnagle, Sandusky
 William Everett Witters, Jr., Greenville
 Jeffrey Jay Wolf, Medina
 Nancy Louise Wonacott, Toledo
 Alan Tze Cheung Wong, Hong Kong
 Nancy Louise Wood, Wellington
 Timothy Keith Wray, Logan
 Craig Jones Wright, Coneaut
 Laura Williams Yausy, Columbus
 Steven Edward Young, Lancaster
 Marcia Rose Ziersajewski, Toledo
 Richard Stanley Ziemba, Fairport

Bachelor of Science in Labor and Human Resources

Two candidates

Linda Pearl Herp, Willowick
 Mary Virginia Moor, Columbus

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Three hundred candidates

Gary Acuff, Tallmadge
 Richard Eugene Addy, Coshocton
 Robert George Anderson, Fairview Park
 Joel Richard Allingham, Mountaintop, Pa.
 Randy Lee Andrews, Minerva
 Robert Scott Andrews, Baltic
 Thomas Raymond Bachus, Cincinnati
 David Arthur Baeder, Los Angeles, Calif.
 Timothy Laverne Ballis, Massillon
 Karen Denise Baker, Maplewood
 Arnold Mark Barnhart, Grove City
 David Alan Bash, Pickerington
 Carol Lynn Bender, Parma Heights
 Karen Lynn Bennett, Columbus
 William James Bertram, Freeport
 James Donald Bissonnette, Stow
 James Joseph Bosch, Milford
 David Mark Boulden, Columbus
 Steven James Bradley, Cambridge
 John Murray Brannon, Jr., London
 Thomas David Brece, Delaware
 David Arthur Brown, Darien, Conn.
 B.S. (Hillsdale College)
 Douglas Alan Brown, Arcanum
 Anthony John Bruegge, Cincinnati
 Joseph Stephen Budaji, Lakewood

John Torbert Carl, Plain City
Stanley Robert Carlisle, Garrettsville
Sandra Kay Carpenter, Mt. Gilead
Raymond George Carreker, Columbus
Joseph Curt Chambers, Troy
A.A.S. (Sinclair Community College)
Donald Andrew Channell, Mechanicsburg
Edward Roger Chaville, Mt. Vernon
Robert Joseph Ciancilo, Columbus
Floyd Raymond Claprod, Jr., Columbus
Mark Thomas Clark, Mechanicsstown
George Forest Clayton, Quincy
Samuel Dean Coburn, Leesburg
Dean Henry Conklin, Columbus
Marcia Jean Cotrone, Canal Winchester
Matthew G. Cox, Grove City
Marsha Adele Cribler, Lima
Carol Ann Croninger, Deshler
Harold Leon Cropper, Georgetown
Mary Ingrid Damicone, Ravenna
Cathy Lynn Damon, Pittsfield, Mass.
John Edwin Daniels, Mt. Vernon
Douglas William David, Strongsville
Steven Dale Davis, Covington
John Blair Day, Newburg
Steven Peter DeBurno, Circleville
Richard James DeGarmo, Cincinnati
Robert Lee Detrick, Zanesville
John William Dennison, Dayton
David Jefferson Diehl, Defiance
Stephen Miller Dies, Stow
Gerald Louis Dobberstein, Delaware
Robert Lawrence Dowdy, Ashtabula
A.A. (Messabi State Junior College)
Robert Wayne Drown, Rome
Mary Cecelia Drury, Waterville
Thomas Dale Durbin, Piketon
Susan Marie Dusek, Bay Village
Mary Scott Edgington, Columbus
David Michael Ehrhart, Fairborn
James Madison Elder, Middletown
Larry Dennis Embree, McConnelsville
Martin Eugene English, Tipp City
Donald Bruce Ertle, Cuyahoga Falls
Jeffrey Lynn Eubank, New Paris
Nancy Susan Evans, Willoughby
Richard Roger Evans, Euclid
Eddie Dean Everman, Troy
Joy Lynn Eversole, Baltimore
David Fielding Fawcett, Urbana
Diane Marie Feichtmeier, Parma
Richard Anthony Feist, Cincinnati
David Lee Ferguson, Barnesville
Noël Carol Fillers, Columbus
William Steven Fillers, Columbus
Margaret Kay Fister, Barborton
Thomas Michael Foegele, Cincinnati
Paul Douglas Folkert, Springfield
Tom Marlin Forshee, Caldwell
Nick Francis Gaone, Akron
Diane Jean Gerber, New Holland
Douglas Herold Germann, Van Wert
Lee James Gervais, Bucyrus
Richard August Getz, Carroll
Cynthia Jean Goetz, Cincinnati
Rebecca Ellen Goumakis, Euclid
Jerry Dean Goodson, Powell
David Gordon, New Albany
Stephen Edward Gotovick, Columbus
John Craig Grafton, Steubenville
Anne Marie Grenier, Worthington
Edward Joe Gresser, Smithville
John Mark Grove, Shelby
Rebecca Lynn Grusenmeyer, Lakewood
Kenneth Ray Hall, Cleveland
Mark Alan Hall, Cincinnati
Thomas Ray Hall, Galion
Carl Robert Hamman, Clarksburg
Dana William Harju, Jefferson
Robert Philip Hartshorn, Newark
Christopher Shawn Hayhow, Chillicothe
Melvin Jo Heberling, Whitehouse
Katherine Kilbarger Heimerl, Johnstown
Alan Heimisch, Oxford
Dale Allan Heisler, Columbus
Kenneth Richard Helmetes, Cincinnati
A.A.S.

David Marshall Henriksen, Fairview Park
Hollis Jane Herbst, Barborton
B.A.
William Emmett Herrmann, Portsmouth
Malcolm Dugro Herzog,
Valley Stream, N. Y.
Kurt Edward Heyman, Norwalk
Michael Eugene Hinton, Chillicothe
Debra Hiser, Clarkburg
Stephen Michael Hollis, Mt. Vernon
Brian Farson Holmes, Galloway
Keith Alan Holt, Newark
William Howard Hoover, Beaver
Douglas Wayne Hopper, Powell
Edward Alan Horton, Trenton
Mark Hudson, Springfield
Carol Joy Huffman, Mt. Vernon
Teresa Lynn Hypes, Dayton
Dennis John Inkrott, Leipsic
Mary Catherine Jackson, Lakewood
Michael Joseph Jacquemin, Hamilton
Randall Eugene James, Southington
-Samuel Ellis Jenkins, Columbus
Richard David Jesse, Chesterland
David Stewart Johnson, Mainville
June Fay Kaiser, Urbana
B.A. (University of Maryland)
Michael Charles Karn, Cleveland
Melvin John Kattelman, Cincinnati
David Henry Kehl, Dayton
Julie Ann Kehlmer, Columbus
Sarah Kern, Columbus
Jeri Anne Kerns, Columbus
Roni Sue Kersey, Wilmington
Rodney Lynn King, Wauseon
Charles Raymond Kirschling,
Fairview Park
Bradford Michael Klemstine, Columbus
Debra Ann Knight, Mentor
Gregory Paul Knoop, Dayton
Karen Lee Knutson, Beavly
Robert Alan Kobus, Maple Heights
Charles Frederick Koch, Van Wert
Jeffrey James Koneal, Middleburg Heights
Jeanette Rose Kriebbaum, Jacobsburg
Michael Lewis Kubera, Westlake
Ted Vernon Kuck, St. Mary's
James Gregory Kuhn, Wapakoneta
Larry Lab, Canton
Philip Alan Ladd, Oregon
Robert Jeffrey Lackey, Cincinnati
Barbara Joan Lake, Novelty
Stephen Jeffrey Lazar, Canfield
B.A. (University of Notre Dame)
Michael White Lee, Hudson
Rosalyne Jean Lehman, Mt. Cory
Michael David Levine, Columbus
James Glen Lindstrom, North Ridgeville
Anne Elizabeth Linsley, Dayton
Mark Alan Linstedt, Waldo
Jon Robert Lodge, Columbus
Steven Wayne Lonsinger, Warsaw
Debra Lynn Lorus, Brook Park
A.A. (Cuyahoga Community College)
Carl Edward Losely, Perry
Sandra Ruth Lyons, Columbus
Alan Douglas MacLaughlin, Columbus
Kenneth Britton Marcum, West Carrollton
Constance Elizabeth Marczak, Oregon
Mary Lou Mauch, Lindsey
James Eugene Maxfield, Cincinnati
Rosalee McCabe, Cincinnati
Kelly Hall McConnell, Caldwell
Janis Louise McCullough, Columbus
Roger Dale Mehl, Oxford
Paul André Mendezoff, Independence
Charles Ross Merker, Orchard Park, N. Y.
Susan Catherine Meyer, Bliss, N. Y.
A.A.S. (State University of New York
College at Alfred)
Gay Yvette Miller, Lakeview
Jeffrey Alan Miller, Columbus
Jeffrey James Miller, Cincinnati
Mark James Miller, Milford
Mark Richard Miller, Columbus
Randy Harold Miller, Bowling Green
Robert Lynn Miller, Fayette

Caryn Jean Mills, Chesterland
Valeria Marie Molchan, Parma
Thomas Joseph Moller, Loveland
Frank Charles Moser, Euclid
Roger Wade Motter, Fletcher
Donald Eldon Mount, Columbus
John Aloysius Nadalin, London
Donald Allen Naser, Washington, Pa.
Claude Allen Newport, Springfield
Timothy Ray Nichols, Garrettsville
Jeffrey Frank Niemeyer, New Bremen
William Craig Norton, Wellington
Carolyn Louise Orr, Oxford
William Allan Overholt, Columbus
Lawrence Paul Palur, Columbus
Jeffrey Milo Pansing, Springfield
Rebecca Sue Parker, Hilliard
Timothy Kent Parrish, Coshocton
Rosemary Cecelia Paulin, Kirtland
A.A.S.
Phillip James Percel, Oregon
Patricia Ann Phlegar, Morrow
Lawrence Thomas Pierragalli, Dillonvale
William Jay Pinkava, Mayfield Heights
Gary Edward Pines, Aurora
Timothy Allen Prines, Dover
David Lee Pugh, Shelby
E. Diane Pullins, Quincy
Daniel Marcus Pyles, Cedarville
Kevin Michael Quigley, Westlake
-Samuel Lee Raber, Stone Creek
Charles Steven Radabaugh, Warsaw
Duane Eugene Reese, Fresno
Gerald Lynn Reid, Mt. Sterling
Donald Lee Reynolds, Dayton
Phyllis Ann Reynolds, Wayne
Ronald Ray Richards, Atwater
Robert Paul Rieth, Ravenna, N. Y.
Ferdinand Rivera, Aquadilla, Puerto Rico
James Clifton Rollins, Columbus
Joseph Marion Romanczuk, Jr., Hillsboro
Daniel Richard Rossler, Wellington
Donald Allen Roth, Mt. Gilead
Pamela Lee Ruettschle, Solon
William V. Rumpfer, Elyria
Stephen Paul Scarberry, Columbus
Elliott Harry Schaffer, Columbus
B.A.
Robert Alan Schieman, Parma
Antonette Schlesinger, Medina
Daryl Lynn Schoenberger, Upper Sandusky
Richard David Schwobe, Columbus
Ralph Raymond Seevers, East Liverpool
Douglas Wilson Sen, Findlay
Jeffrey Lee Shaner, Malta
Valorie Gale Sheets, Gallipolis
Thomas Lee Sherman, New Bremen
Martin James Shipitalo, Novelty
Lynn Ann Shisler, North Canton
Margaret Ellen Shober, Delaware
Timothy Allen Short, Archbold
Maxwell Robert Sidner, III, Columbus
James Lee Simpson, Chagrin Falls
Michael Richard Slinger, Massillon
Amy Michele Slusser, Dover
Dean Alan Smith, Wadsworth
Gregory Augustus Smith, St. Marys
Randall Keith Smith, Columbus
Terri Ann Snider, Columbus
Edward Stanley Snouffer, Jr., Columbus
Margaret Ellen Spilker, Dayton
Patricia Jeanne Spohn, Columbus
Tom Edward Spring, Circleville
Dale Ordway Stacker, Shubert
Kevin Stanley Stephens, Jacobsburg
Normanne Stermole, Euclid
Norman David Stewart, Athens
Garth Whitcomb Stillman,
Lunenburg, Mass.
Steven Lee Stitzlein, Loudonville
Gail Ann Strussand, Cincinnati
Carl Geoffrey Stridsberg, Columbus
Jennifer Lee Stump, Columbus

1 Also Doctor of Veterinary Medicine. College of Veterinary Medicine
2 Also Master of Science, Graduate School

Thomas Joseph Stypula, Newark
 Alan Paul Sundermeier, Bowling Green
 Warren Ashley Swonger, DeGraff
 Nasser Ahmad Tabba, Riyadh, Saudi Arabia
 Kurt Tavernier, Brunswick
 Jon Richard Taylor, Chagrin Falls
 Thomas Gale Taylor, New Concord
 Timothy Scott Taylor, New Concord
 Douglas Stanton Tenney, Fredericktown
 Lynn Alan Thompson, Uniontown
 Valerie Alan Thorn, Bay Village
 Sarah Jane Thorp, Granville
 Susan Ruth Timmons, Chagrin Falls
 Robert Rocco Tripepi, Mentor
 Thomas Edward Troxell, South Charleston
 Timothy Dale Turner, Lancaster
 Holly Ann Utrata, Bay Village
 Leslie VanSickle, Somers
 Mark Lawrence Vismick, Willoughby
 James Lowell Wagner, Homeworth
 B.A. (Mount Union College)
 Laura Jean Wallace, Columbus
 William Dale Walters, Delaware
 Michael Jay Warstadt, Columbus
 Steven Wade Watnick, New York, N. Y.
 Dale Owen Weaver, Batavia
 James Arthur Wellman, Delphos
 Mark Allyn Westhafer, Dayton
 Judy Lynn Williams, Eaton
 William Carl Wilson, Ravenna
 Earl Lee Roy Wiseman, Malta
 Victoria Jean Ziegler, Bloomville
 John Walter Zimmerman, Cincinnati

Bachelor of Science in Food Science

One candidate

Richard Allen Howard, Huntington, N. Y.

Bachelor of Science in Food Technology

Seventeen candidates

James Grover Blackburn, II, Cincinnati
 Joan Elizabeth Bronkela, Berea
 Melinda Sue Decker, Lancaster
 Dennis Michael Fox, Celina
 Jerry Alan Greenbaum, Irwin
 Harold Randal Holland, Lancaster
 Joy Elaine Lahut, Columbus
 Daniel John Lewandowski, Columbus
 Gary Allen Lindsey, Seven Hills
 William Herbert Oter, III, Rocky River
 Salvatore Paul Pace, Parma Heights
 Barbara Louise Rehm, Smithville
 Jody Ann Ross, West Alexandria
 Dale Russell Terpening, Collins
 A.A.S.
 James Russell Vallen, Youngstown
 Gerard John Wansor, Hicksville, N. Y.
 A.A.S. (State University of New York
 College at Farmingdale)
 Donald Frank Williams, Dayton

Bachelor of Science in Nutrition

Fourteen candidates

Diana Elaine Beam, Wilmington
 Jyl Anna Burgener, Columbus
 Richard Douglas Dembski, West Jefferson
 Charlene C. Grisé, Ware, Me.
 Deborah Jean Guyot, Rocky River
 B.A. (Kalamazoo College)
 Gilbert Jean Jacobs, Bergenfield, N. J.
 William Russell Meyer, Wapakoneta
 Michael Thomas Parker, Xenia
 Bernard Joseph Pontones, Grove City

Carola Dianne Roof, Bowling Green
 Marcia Ann Samuels, Linden, N. J.
 Bonny Jean Scholl, McKeesport, Pa.
 David Warren Tobelmann, Rocky River
 Jeffrey Lee Williams, Greensburg

School of Home Economics

Bachelor of Science in Home Economics

One hundred and forty-seven candidates

Michelle L. Angelo, Brook Park
 Joan Ellen Arnold, Columbus
 Kathleen Sue Arrington, Dayton
 Janet Kay Barth, Litchfield
 Marilyn Sue Beckley, Mt. Vernon
 Joan Ralphine Beery, Mt. Vernon
 Laura Ellen Belcher, Dayton
 Joyce Marie Bender, Fort Loramie
 Charlotte Sue Benedict, Mt. Gilead
 Barbara Jo Bernard, New Vienna
 Janice Leigh Berry, Columbus
 Karen Jeanne Binkley, Toledo
 Betty Ellen Black, Worthington
 Kathleen Marie Blackburn, Milan
 Lea E. Blake, Delaware
 Rebecca Sue Blume, Minford
 Deborah Ellen Bonsteel, West Lafayette
 Sue Ann Brown, Cortland
 Rebecca Grosswiler Burk, Norwalk
 Rebecca Sue Campbell, Columbus
 Nicola Marie Capozello, Columbus
 Diane Louise Card, Columbus
 Rebecca Preston Carlton, Columbus
 Karen Lucille Clements, Columbus
 Claire Ellen Cobourn, Cardington
 Nancy Lynne Collins, Bethesda
 Therese S. Connor, Columbus
 Sylvia Ruth Cowles, Columbus
 Lucinda Jean Crow, Cleveland
 Teresa Kay Davidson, Dayton
 Kathy Lynn Donnerberg, Columbus
 Dorothy Rose Dooper, Columbus
 Robin Ann Douthitt, Piketon
 Laurie Ann Dowler, Columbus
 Jean Ann Ebert, Cardington
 Christa Joy Edwards, Hillsboro
 Betsy Faye Ekus, Akron
 Nancy A. Elder, Columbus
 Helen Jean Ferguson, Akron
 Maria Julia Ferrante, Mentor
 Jill Annette Fetters,
 Washington C. H.
 Susan Frances Fierce, Columbus
 Sandra Sue Fischer, Mt. Gilead
 Elizabeth Anne Foley, Fairview
 Leslie Ann Foulke, Columbus
 Susan Kay Fredericks, Grove City
 Debra Ellen Friedman, McKeesport, Pa.
 Barbara Jo Goldsberry, Columbus
 Janet Ann Gray, Shelby
 Jill Teresa Grimes, Orrville
 Mary Kathleen Gruber, Columbus
 Janet Marie Haines, Stockport
 Wynona Marie Hallas, Pickerington
 Janet Kaye Heen, Rocky River
 Terry Elizabeth Hallum, Dayton
 Susan Elise Hanover, Fremont
 Pamela June Harkema, Cleveland
 Deborah Jean Harris, Dayton
 Mollie Ann Heck, Shelby
 Anne Marie Hirschak, Maple Heights
 Eleanor Hollinger, Wooster
 Gail Ann Hoodlebrink, Wayne
 Deborah Ann Hopkins, Greenwich
 Vicky Lynn Hum, Canfield
 Sherry L. Wallace Hunter, Columbus
 Patricia Louise James, Zanesville
 Peggy Lynn Johnson, Milford
 Kristine Rae Kerr, Bryan

Karen Lou Kerth, Vandalia
 Martha Ann Kirwin, Columbus
 Kandy Kay Kochemba, Cortland
 Anastasia Kolosky, Cleveland
 Rebecca Ann Krill, Edgerton
 Shirley Ann Lahey, Fairview Park
 Cynthia Louise Larschied, Lima
 Parla Dee Launder, Reynoldsburg
 Donna L. Layman, Urbana
 David Joel Lovoff, Columbus
 JoAnne Ley, Cincinnati
 Patricia Lyden, Youngstown
 Christina MacDonald, Russells Point
 Susan Marie Marosi, Rocky River
 Christine Marie Martin, Lakewood
 Jennifer Julien Mathias, Columbus
 Deborah Ann Maurer, Columbus
 Diane Sue McLaughlin, Dillonvale
 Sherry Ann McKeel, Manchester
 Debra Ann McNeal, Columbus
 Colleen Louise Melloh, Cincinnati
 Deborah E. Miller, Belpre
 Michelle Sheri Miller, New City, N. Y.
 Cynthia Ann Minnick, Hamilton
 Rosalee Morehead, Amanda
 Amy Lou Moses, Beachwood
 Julie Ann Mykrantz, Wooster
 Deborah Lynne Niederman, Hamilton
 Mary Jo Nowels, Columbus
 Carven Lynn O'rary, Columbus
 Dorothy Anne Olewiler, Shelby
 Cynthia Joan Parmenter, Lima
 Marilyn Sue Pifer, Shelby
 Ruth Ann Pohlman, Columbus
 Doris Anne Porter, Worthington
 Penny Gail Pules, Akron
 Lynne Ann Rapp, New Holland
 Mary Ann Rappalie, Toledo
 Sandra Jo Roberts, Hilliard
 Kathleen Sue Rose, Forest
 Kim Louise Ruby, Glen Ellyn, Ill.
 Marie Therese Rusch, Fremont
 Cynthia Mae Rusk, Newark
 Christie Beyerle Russell, Columbus
 Rhonda Lee Saba, Toledo
 Nancy Elizabeth Scalise, Erie, Pa.
 Melissa Louise Schein, Circleville
 Dianne Florence Schimmoeller,
 Fort Jennings
 Linda Jean Schubach, Zanesville
 Ellen M. Sens, Marietta
 Sue Ann Shaw, Brook Park
 Anne Marie Shirkey, Columbus
 Denise Ann Shockley, Scottown
 Deborah Marcell Shubert, Columbus
 Lueann Slater-Miller, Columbus
 Cathy Rahn Slaughter, Columbus
 Cynthia Ann Smith, Dayton
 Bette Jean Snow, Breckville
 Elizabeth Ellen Snyder, Columbus
 Mary Ann Spatz, North Canton
 Susan Mae Stackhouse, Wakeman
 Barbara Ann Stein, Columbus
 Elaine Steinhub, University Heights
 Sandra Jean Swanson, North Olmsted
 Kathy Lynn Tecklenburg, Troy
 Constance Louise Tolbert, Martins Ferry
 Michael Paul Tracy, Columbus
 B.S.Ed.
 Susan Lynne Turner, Pittsburgh, Pa.
 Virginia Cecilia Urbas, Columbus
 Gerilyn Marie Urig, North Ridgeville
 Donna Marie Valentine, Wadsworth
 Valerie Jo Jenkins Vulgamore, St. Paris
 Patricia Ann Ward, Bethel Park
 Jilly Karen Weyl, Columbus
 Jayne Ellen Wilson, Steubenville
 Vicky Lynn Winkelman, Lakeview
 Margaret Jo Wobkenberg, Lebanon
 Jane Ann Yensel, Englewood
 Paula Louise Zaccini, Bellaire

1 Also Master of Science, Graduate School

Bachelor of Science in Nutrition

One candidate

Mary Louise Woolery, Logan

Bachelor of Science in Restaurant Management

Nine candidates

Thomas Richard Frigge, Columbus
Ronald Douglas Henretta, Worthington
Kerry Allen Kramp, Wickliffe
Elliott Janny Lokan, Columbus
Robert Allan McIntosh, Martins Ferry
Nancy Jean Schafer, North Royalton
Victor Michael Shampton, Jr., Kettering
Catherine Mary Szary, Akron
Thomas Henry Thaman, Bryan

School of Natural Resources

Bachelor of Science in Natural Resources

One hundred and two candidates

Carl Albert Alexander, Columbus
Mark Dean Aucoin, Loveland
Melissa Jane Banks, New Paris
Mary Sue Barnum, Columbus
Elizabeth Ellen Benedict, Springfield
James Lombard Bokal, Poland
Ronald Lee Boien, Dola
Timothy Richard Borris, Napoleon
Paul Frederick Bradford, Minford
David Charles Brenner, Cincinnati
George Alexander Buford, Worthington
Robert Eric Carmony, Columbus
David Hamilton Cashell, Hilliard
Paige McCormick Chambers, Columbus
Melanie Eanes Cupp, Akron
Patricia Anna Davis, Shelby
Ronald Lee Demmy, Fairborn
David Scott Dodge, Toledo
Mark Steven Ervin, Columbus
Steven Ray Ferreebe, Beallsville
Frank George Fino, Columbus
Robert George Folk, Bryan
Jonathan Russell Fritz, Bay Village
Ronald Gager, Brunswick
Mark Allen Garner, Circleville
Dean Francis Godden, Circleville
David Mitchell Graham, Clarksburg
Lori Ann Grose, Portsmouth
David William Groth, Moreland Hills
Thomas Edmund Hale, Jeffersonville, Ind.
Jay Franklin Halley, Huron
Susan Zoul Handwerker, Dayton
Jeff Miller Harris, Euclid
Stephen Philip Hartman, Lakewood
Nancy Jane Heindol, Cincinnati
Todd Edward Hopp, Cincinnati
Neal Hunter Hitchcock, Hamilton
Lawrence Joseph Holden, Richfield
Lisa Anne Hugus, Toledo
John Robert Hupp, New Philadelphia
Joseph Steven Hurd, Medina
Jerry Lynn Jones, Dayton
Robert Paul Jones, Stow
Kaseil, Columbus
Daniel Elden Keathley, Worthington
Joseph Cletus Kneuev, Leipsic
Nelson Eddie Krueger, Columbus
Douglas Ray Kupper, Toledo
Harry Joseph Lubitz, Seven Hills
Christopher William Macke, Richmond Heights

David Steffen Maehr, Cincinnati
William Joseph Mahoney, Valley Stream, N. Y.
Ronald Mamula, Columbus
Joseph Steven Martin, Strongsville
Calvin O. Miller, Parma
Joseph Dale Morehart, Reynoldsburg
Patrick Timothy Murphy, Columbus
Valerie Ann Oberla, Columbus
Robert Joel Olewiler, Shelby
Lucy Averyl Orr, Cincinnati
Daniel James Osterfeld, Cincinnati
John Michael Owsiani, Fairborn
Thomas Richard Pachinger, Columbus
Clayton DeForest Pepper, Parma
Alan Dale Perry, Middletown
Donald Jay Pettit, Greenwich
Margaret Pauline Petty, Fairfield
Leigh Randolph Pickenpaugh, Hilliard
Richard Stratton Prange, Worthington
Susan Joyce Prier, Dayton
Diane Laura Rains, Cincinnati
Donald Randy Rhine, Greenwich
Larry Dennis Richardson, Galloway
Henry Richard Sall, Jr., Hopedale
Bradley Wright Salva, Mt. Vernon
Caryn Lisa Searavelli, Bedford
James Steven Schuler, Newark
Laura Jean Scott, Columbus
Jonathan Forsythe Shafer, Columbus
David J. Shaffer, Fredericktown
James Robert Short, Archbold
David John Silvieus, Ashtabula
Käthe Elaine Smith, Hudson
Lloyd Glen Smyth, Jr., Dayton
Wicki Rae Stansbery, Columbus
Michael Joseph Stock, Cincinnati
Charles David Stroh, St. Marys
John Christopher Francis Swingle, Medina
Thomas Leroy Thomasson, Fostoria
James Louis Tuttle, Cleveland Heights
Wouter H. vanGumster, Columbus
Vicki Ann Vesel, Mentor
Joseph Richard Vogel, Columbus
Donald Joseph Voros, Columbus
Timothy Richard Weber, Grafton
Daniel Russell Weber, Defert
Melissa Ann Weber, Westerville
Carla Allen Whisler, Mansfield
Dana Richard White, Wilmington
Thurman Hayden Wilson, Groveport
Sharon Ruth Woo-Lun, Columbus
Donald Earle Yarger, Lima

Kathy Ann Edwards, Steubenville
John Eric Ellsworth, Worthington
Donna Mae Federer, Wooster
David William Follman, Lakewood
Jeffery Gene Fomenko, Dillonvale
Michael Alan Frank, Perrysville
Glenn David Franklin, Girard
Linda Sue Freeman, Edgerton
John Michael Fritz, Columbus
Diane Antoinette Fuerst, Euclid
David Alan Funk, Ashland
Glenn Anthony Gentile, Columbia Station
John Mitchell George, Alliance
Jeffrey Weston Gluth, Galien, Mich.
Geoffrey Glenn Gontor, Berlin
Leslie Wayne Graham, Maumee
Lindsay Martin Graham, Maumee
Jeffrey David Griffith, Girard, Pa.
Lawrence David Halpin, Stow
Bryan Kieth Hamilton, Malvern
Jalayne Sue Hanenkratt, Paulding
John Francis Haney, Avon Lake
Scott William Hankinson, Alexandria
Charles Stanley Hart, Eaton
Lee Walker Hauserman, Wooster
Patricia Lynn Hess, Burton
Beth Karen Hilyer, Hillsborough
Carolyn Sue Hoedje, Shreve
Patrick Michael Holt, Chardon
Nancy Elaine Horner, Swanton
Patricia Ann Hucker, Medina
Ronnie Hue Jenkins, Canal Winchester
Deborah Frances Kazmarek, Mantua
Jeffrey Wayne Kimbler, London
Larry George Kico, Perry
James Rudolph Kifer, Wellington
Karen Ann Kline, West
Lauren Elaine Knowles, Cleveland Heights
Bert Steve Kolesar, Solon
Robert Alfred LaSalle, Akron
Nancy D. Laufer, Wooster
Kathy Leutenberger, University Heights
Jean Louise Leuzinger, Lebanon
Francis Allen Lisovitch, Brookfield
Tom Louise Little, East Rochester
Tina Marie Lusky, Columbus
James Joseph Lutkus, Wickliffe
John Greg Majernik, Whitehall
Gerald Robert McCarty, Bloomsburg, Pa.
Bruce Lee McChesney, Edison
Sue Ann McConnell, Dennison
David Keith McFarland, Mentor
Steven Lee Metzger, Shelby
Janice Kay Miller, Middletown
Jeffrey Russell Moots, New Bremen
Phillip Elton Neal, Troy
Corrine Gay Novy, Northfield
Diane Marie Olexa, Independence
Gregory Matthew Ott, Avon Lake
Susan Jann Oyer, Kensington
Michael Shaun Pattison, Berea
Richard Earl Pizat, Minerva
Linda Diane Polzel, Canton
Edward Clay Portfield, Mt. Vernon
B.S. in B.A. (Youngstown State University)
Clinton L. Query, Jr., Ashtabula
Jane Elizabeth Raeuchle, South Vienna
Dale Kirk Reash, Columbiana
Robert Marshall Roberts, Wooster
Cindy Lou Rudolph, Findlay
Helen Marie Savol, Cleveland
Lee Allan Schaefer, Mentor
Sara Louise Schrock, Archbold
Timothy Allen Schult, Pemberville
Robert Charles Shafer, Mansfield
Timothy Glen Shipley, Newark
Terry Wayne Smedley, Sciotoville
Michael Wayne Smith, Willard
Mark Andrew Steiner, Lebanon
Jeffrey Todd Steiner, Kenton
David A. Stutz, Wooster
Janice Kay Swaisgood, Helena
Bonnie Marie Swaney, Harrod
Monica Louise Tamborini, Dover
Mark Glenwood Taylor, Zanesville
Lari Elizabeth Vadas, Columbus

Agricultural Technical Institute-Wooster

Associate in Applied Sciences

One hundred and thirteen candidates

Dale Allen Abbott, Cincinnati
Susan Leslie Albert, Sandusky
James Eugene Aldering, Loudonville
Allan Lee Alving, Columbus
Jeffrey Jay Andrey, North Olmsted
Charles Michael Banbury, Glenmont
Patricia Jean Bodager, Navarre
Debra Ann Brown, Middle Point
Steven Michael Caughell, Ludlow Falls
Charles Bruce Centers, Bellbrook
Gary Lee Coffing, Mt. Vernon
Lynn Conrad, Mt. Vernon
Phillip Richard Cromer, Cincinnati
D. Michael Curran, Lisbon
Joseph E. Dani, North Olmsted
Bruce Gerard Davis, Richwood
Anthony Joseph Drago, Cleveland
Cindy Christine Eastlake, Williamsfield

William John Valatka, Elyria
John Andrew Vogel, Berea
Susan Kay Waldo, Wadsworth
David William Wesler, New Paris
Anna Marie Wilhelm, Monroeville
Randal Allan Wisler, Oak Harbor
Ernest Ray Wolf, Wooster
Mark Eugene Workman, Canton
Susan Rosalie Wurtzler, Cincinnati
Michael Lawrence Yerkes, Cincinnati

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

One hundred and eighty-two candidates

Thomas L. Ahman, Ottawa

Linda Ruth Albright, Youngstown
B.S.

William Ray Anderson, Jr., Portsmouth

Thomas L. Appelfeller, Kenton
B.S. (Bowling Green State University)

David George Austin, Dayton
B.A. (Ohio Wesleyan University)

Kurt James Ayers, Akron
B.A.

Bruce Bounds Baker, Lancaster
B.S. (Ohio University)

David Joseph Barsan, Akron
B.A.

Dennis David Baum, Cincinnati
B.S.G. (University of Cincinnati)

Stanley Joseph Bealowski, Jr., Cleveland
B.S. (University of Toledo)

William Alan Bennett, Lakewood

Richard Mark Andrew Berger,
Palos Verdes, Calif.

Barry Francis Biniker, Toledo
B.A.

Constantine Bitounis, Lakewood

Neil Blackburn, Wilmington

Daniel Eugene Blickenstaff, Versailles
B.S., M.S.

William David Borchers, Dayton

Thomas Vaughn Boss, Akron

Frederick Wayne Bourgeois, Columbus
B.S.Ed.

Thomas Gabriel Bowser, III, Canfield
B.S. (Youngstown State University)

William Wayne Brackett, Columbus

Eugene Paul Britton, Brooklyn
B.S. (Baldwin-Wallace College)

Dennis Edward Brown, Owensville
B.S. (Xavier University)

Robert Joseph Brown, Lancaster
B.S. (Ohio University)

Thomas Randall Brown, Steubenville

Marvin Joseph Brunswick, Minister
B.Ch.E. (University of Dayton);
M.S.E. (University of Florida)

Mark William Budke, Cincinnati
B.S. (Xavier University)

Richard George Burton, Cincinnati
B.A. (Hanover College)

Elzie Lee Byrd, II, Akron

David Arthur Byrne, Cincinnati
B.A. (Providence College);
M.C.P. (University of Cincinnati)

Mark Alan Caddell, Cincinnati

Ricky Lee Chapman, Columbus

Charles Frederick Cole, II, Columbus

Daniel Edward Collins, New Carlisle

Michael A. Cornett, Waynesville

Eugene Joseph Covey, Cleveland
B.S. (John Carroll University)

Thomas John Cyphert, Orange Village
B.S. (Bowling Green State University)

Kohut Pete Czaruk, Wintersville
B.S.

Eugene William Dahl, Garrettsville
B.S. (Kent State University)

Nicholas Michael D'Amico, Kettering

Patrick Edward Daulton, Columbus

John William Davis, Kingston
B.S. (Ohio University)

James Lee DeMaria, Oregon
B.S. (University of Telodo)

Eugene Vincent Dugan, Lima

Cary James Dunne, San Francisco, Calif.
A.A. (City College of San Francisco)

Raymond John Dysas, Kettering
B.S. (University of Dayton)

David William Easterday, Elyria
B.A. (Borromeo College)

Steven Edward Eckert, Walton Hills

Norman Bates Farrar, Middletown
B.A. (Wittenberg University)

Scott Elliot Feldman, Cincinnati

Stephen Richard Fitzer, Portsmouth
B.S. (University of Cincinnati)

Thomas Frederick Ford, Cincinnati
B.A. (Hanover College)

Edward William Frech, Cincinnati
B.S.

Isaac Frydman, Dayton
B.A.

Richard P. Gangwisch, Cincinnati

Gregg E. Gehring, Newark

David Wayne Gennert, Amesville
B.S. (Case Institute of Technology)

Randolph Edward Geoghan, Norwalk
B.A. (Miami University)

Carter Everett Gillespie, Vincent

William Thomas Gillespie, Jr., Vincent
B.A.

Jeffrey Lynn Gilmore, North Canton

Gregg Charles Glamm, Fairview Park
B.A. (Ohio Wesleyan University)

Joseph Peter Graskemper, Seven Hills
B.S. (Xavier University)

Daniel Frank Green, Upper Sandusky

Thomas George Gulker, Lima

Steven Charles Guy, Geneva
B.A. (Miami University)

Roger William Haas, Cuyahoga Falls

Lynn Francis Haines, Tiffin

B.A.

David Lee Hall, Columbus

David Edward Hartman, Kettering
B.S. (Wright State University)

Albert Paul Hasselbeck, Cincinnati
B.S. (University of Cincinnati)

William Mark Helmkamp, Akron

James Lewis Hill, Painesville
B.S. (Fordham University)

Gary Stuart Hochstein, Dayton
B.A. (Miami University)

Marsha Hudson Hodson, Hillsboro

Marc Joel Hollander, Columbus
B.S.

Steven Michael Hook, Columbus

Stephen Paul Hoover, Upper Sandusky
B.A. (Otterbein College)

Kathleen Ann Houk, Poland

Vincent Chung-Hon Hu, Cincinnati
B.S.

Lawrence Edward Hughes, Jr., Columbus

Bruce Alan Hull, Celina
B.A. (Otterbein College)

Joseph Anthony Hunseder, Cincinnati
B.S. (University of Cincinnati)

Douglas Robert Jacobs, Springfield
B.A. (Wittenberg University)

Edward Donald Kahl, Defiance

John Thomas Kalasky, Youngstown

James Richard Kirkley, Columbus
B.A. (Ohio Wesleyan University)

Donald Lee Knowles, Lima
B.S.

Mark Gregory Koch, Medina

Elvin Mast Krabill, Louisville
B.A. (Goshen College)

Bruce Michael Kral, Stow
B.S. (Akron University)

John Douglas Kramer, Zanesville

Karen Ann Kramer, Delaware

B.S.Ed., B.S.Agr.

Jan Charles Kraska, Wadsworth

Randy Lee Kreuter, Zanesville

Ronald P. Krueger, Heath
B.L.S. (Bowling Green State University)

Larry Lee Law, Zanesville
B.S. (Ohio University)

Joseph Thurston Leach, Columbus
B.A.

1 Also Bachelor of Arts, Colleges of the Arts and Sciences

2 Also Bachelor of Science, Colleges of the Arts and Sciences

¹Sara Ann Leach, Columbus

Jeffery Karl Leibforth, Hamilton

Donald Edward Leonard, Akron
B.S. (University of Akron)

Vincent Arthur Linz, Cincinnati
B.A. (University of Cincinnati)

Gregory Anthony Lis, Wickliffe
B.S.

Daniel John Lodico, Cincinnati

Steven Paul Marsh, University Heights
A.B. (Miami University)

John Louis Mayo, Youngstown

Daniel Scott McClure, Dayton
B.S. (University of Dayton)

Charles Brian McDermott, Cleveland
B.A. (Columbia Union College)

Patrick D. McDermott, Cleveland
B.A. (Miami University)

Paul Edward McKenzie, Portsmouth
B.S. (Ohio University)

Phillip O. McMahon, Ironton
B.A.

Jeffrey Albert Mitchell, Middletown
B.S. (Miami University)

Leonard Dean Modugno, Cuyahoga Falls
B.A. (Miami University)

Dennis Michael Moody, LaPlata, Md.
B.A. (University of Notre Dame)

¹Curt Ray Moore, Columbus

Gordon Ashley Moore, Dayton
B.S. (University of Dayton)

Roger Lee Moore, Dayton
B.S. (University of Cincinnati)

John Joseph Moran, Hubbard
B.S. (University of Notre Dame)

Mark Taylor Morrison, Kent

Bruce Armand Mrusek, Loveland
B.A. (Indiana Central College)

Dennis Michael Murphy, Cincinnati
B.S. (University of Cincinnati)

James Alan Murphy, North Canton

James Russell Murrin, Fairborn

John Franklin Neale, III, Columbus
B.S.

Curtis Owen Nelson, Mt. Vernon, Ind.
B.S. (Murray State University)

Ronald Francis Nirschl, Toledo
B.S.Ed., B.S. (University of Cincinnati)

¹Eric William Noderer, Litchfield

Gregory Edward Notestine, Dayton
B.S. (Wright State University)

Thomas Henry Olszewski, Columbus
B.S.

Konstantine Pantelides, Canton

Thomas T. Patrie, West Carrollton
B.S. (University of Dayton)

Catherine Ann Phillips, Xenia

Stephan Anthony Pietro, Dover
B.S. (Ohio University)

James Michael Podnar, Canal Fulton
B.A.

Lawrence William Pompili, Medina
B.S. (Saint John's University)

Neil Linn Pooler, Dayton
B.S.M.E. (University of Cincinnati)

Nancy Marie Pottebaum, Middletown

Scott Martin Presson, Cleveland
B.A. (Case Western Reserve University)

Marc Bennett Price, Cleveland
B.A. (Tarkio College)

Samuel John Randall, III, Dayton

Arthur Joseph Ranz, Cincinnati

Jerry Michael Rebrej, Pittsburgh, Pa.
B.S. (Pennsylvania State University)

Mark Morrison Reynolds, Cincinnati

Elliott Ferguson Rice, Jefferson
B.S., B.S.Ed.

Arthur Wright Richards, Akron
B.S. (Akron University)

Brad Kent Rodu, Lisbon

Scott Edwin Sayre, Cincinnati

Gary Arthur Schoenrock, Toledo
B.S. (University of Toledo)

Darrel Lynn Scott, Minerva

Dennis Victor Shaw, Circleville

Greg Laurence Sherman, Cincinnati
B.A.

Thomas Eugene Shields, II, Lima

Richard Dean Shipley, Xenia
B.S. (United States Military Academy)

Randall Stevan Siber, North Canton
B.A. (Kent State University)

Frank John Slavichak, Parma
B.S. (Bowling Green State University)

Larry Edwin Spangler, Springfield

Thomas Eric Sperling, Whitehouse
B.S.

¹Nicholas F. Staarmann, Hamilton

Ronald Stanich, Barberton

B.S., B.A.Ed. (University of Akron)

Michael Ray Stein, Beachwood
B.A. (University of Cincinnati)

Michael Steven Steinmetz, Springfield
B.S.

Robert M. Stofer, Jr., Kettering
B.A.

Craig Donald Stoldt, Bellevue
B.S. (Bowling Green State University)

¹Dan Thomas Stowe, Columbus

Norman Charles Straker, Jr., Cincinnati
B.A.

Steven Alan Strauss, Oceanside, N. Y.
B.S.

Jeffrey Robert Stump, Dayton

Lawrence John Tepe, Cincinnati
B.S. (Xavier University)

John Anthony Torok, III, Cincinnati
B.S. (University of Cincinnati)

Thomas Arthur Turner, Cuyahoga Falls
B.S. (University of Akron)

Robert Edward Van Etten, Dayton

¹Ronda Jeanne Van Horn, Columbus

Tony Keith Virgin, Kitts Hill

David Leonard Vorherr, Cincinnati

William Russell Wallace, Norwood
B.S. (University of Cincinnati)

Thomas Michael Walsh, II, Toledo

Phillip William Walter, Mansfield
B.S.

Robert E. Lee Ward, Hamilton

John Craig White, North Canton

Scott Lawrence Wolters, Dayton

Mary Ellen Wynn, Cincinnati
B.S. (Xavier University)

J. Terrence Zimmerman, Canfield
B.A. (Miami University)

Certificate of Graduate Dental Hygienist

Eighty-one candidates

¹Sandra Marian Adams, Parma
¹Michelle Marie Albers, Worthington
Joan Alexander, Vermilion
B.S. (Lorain Community College);
B.S. (Bowling Green State University)

Mary Elizabeth Amata, Gates Mills
Carol Ann Ball, Columbus
Cathy Lynn Benis, Columbus

¹Donna Marie Billmire, Columbus
Terry Michele Bokesch, Northfield

Clara Patrice Bond, Pleasant City
Youla Beatrice Brant, Columbus

Contra Sue Bron, Columbus
Melanie Brown, East Canton

Lynn Anne Cleary, Cincinnati
Gail Susan Coberly, Akron

Claudia Lynne Coggeshall, Lancaster
Beatrice Ann Coyne, Dayton

Becky Sue Davis, Centerville
Deborah Marie DeGenova, Poland

Debra Susan Delgado, Worthington
Elaine Christine Denis, Uhrichville

Kathleen Marie Ding, Warren
¹Gail Denise Dorner, Akron

Sheila Ann Easton, Columbus
Deborah Lynn Fair, Genoa

Barbara Carlock Flu-Allen, Columbus
Marianne Gorbj, Bridgeport

Susan Lynn Grant, Columbus
¹Lori Jeanne Hanna, Gahanna

Linda Vess Harris, Moxahala
¹Pamela Wright Harris, Rocky River

Anita Louise Heimlich, Columbus
Linda Joy Henning, Columbus

¹Laurinda Morris Hoch, Baltimore
¹Nataly Jane Holmes, Rockville, Md.

Anna Geiger Howard, Columbus
Elizabeth Ann Howell, Akron

¹Mary Katherine Hoyt, Toledo
¹Shelley Ann Jackson, Cincinnati

Linda Ellen Joehlin, Curtice
Patricia Kempert, Euclid

¹Mara Kay Kenney, Canton
¹Mary Patrice Kenney, Miami, Fla.

Wilma Lee Kincaid, Hemlock
Janette Joy King, Parma Heights

Louise Anne Konstan, Akron
¹Mary Louise Konstan, Akron
Cynthia Ann Krieg, Cincinnati

¹Michelle Patricia Kufel, Cincinnati
Debra Ann Kusner, Genoa
Beth Anne Loew, Toledo

¹ Also Bachelor of Arts, Colleges of the Arts and Sciences

² Also Bachelor of Science, Colleges of the Arts and Sciences

1Juliana Mary Lowry, Kettering
 Nancy Jane Matern, Youngstown
 Pamela Ann McClure, Barnesville
 1Vicki Lynn McMorrow, Vancouver, Wash.
 Diane Meckstroth, Columbus
 1Deborah Ann Metz, Springfield
 1Judith Ann Michaels, Cuyahoga Falls
 1Linda Rose Myroie, Skokie, Ill.
 1Janice Mary Noonan, Medina
 Allison Gay Ostrow, Cincinnati
 Linda Kay Oze, Columbus
 Leslie Kathryn Pamush, Rocky River
 1Rosa Maria Pardo, Columbus
 1Sharon Marie Placke, Cambridge
 Barbara Ann Rauh, Toledo
 1Lisa Crowe Richards, South Point
 1Joan Elaine Rietschlin, Crestline
 1Judy Ann Robinson, Dayton
 Anita Gail Rogers, Columbus
 Vicky Bevier Scanlon, Columbus
 1Dana Sue Schlatter, Willard
 Cathy Jo Schmidt, Dayton
 Lori K. Sheets, Warren
 1Robin Smith, Arcadia, Calif.
 A.A. (Pasadena City College)
 1Janet Gail Spears, Ironton
 Nancy Ann Stickrath, Marietta
 Georgia Gury Topliff, Marion
 1Nanette Marie Traetow, Columbus
 1Patricia Frances Warburton, Columbus
 Barbara Anne Ware, Winter Park, Fla.
 Debra Kay Weaver, Logan

1Wayne Lewis Blue, Columbus
 Vicki Vernon Bobo, Newark
 Lawrence Bolden, Cleveland
 Gale Brooker Bolen, Dola
 Toski Yvonne Bolte, Columbus
 Cert.Grad.Dent.Hyg.
 Joanne Marie Bonezzi, Parma
 Linda Sue Bottenfeld, Chillicothe
 Constance Lee Bowlin, Cambridge
 Alice Yvonne Boyd, Shelby
 Douglas Anthony Boyd,
 Garson, Ont., Canada
 Stephen Dawson Boyer, Columbus
 Laura Jean Bradshaw, Poland
 Susan Lynn Bragg, Galloway
 Nancy Dawn Braig, Buckeye Lake
 Jamie Jayne Brehm, Gahanna
 1Joan Francis Brett, Ravenna
 Jody Lynn Brown, Terrace Park
 Marisa Perez Brown, Columbus
 Mary Kathleen Brown, Columbus
 B.S.Bus.Adm.
 John Lisle Buckingham, Columbus
 B.A. (Denison University)
 Donna Lee Burian, Trotwood
 Debra Sue Burnley, Cuyahoga Falls
 Charlotte Eileen Burt, Delaware
 Fredrick Ray Burton, Columbus
 Marilyn Turner Burton, Grove City
 Sharon Hornak Cains, Somerset
 B.S.Agr.

Linda Ellen Caldwell, Columbus
 Karolins Calevska, Columbus
 Stephan Daniel Call, Ashland
 Jenny Louise Cargal, Akron
 Terri Ann Carque, Brunswick
 Sheryl Lynn Cartwright, Springfield
 Johannah Casey, Mt. Vernon
 James Lawrence Cash, Columbus
 Joan Lynette Chaney, Ashtabula
 1Cread Cameron Chappelle, Columbus
 Charles Adrian Chartier, Tiffin
 Allison Sue Chenoweth, Clarksburg
 Cynthia Whidton Cleveland, Sugarcreek
 Yvonne Renée Cochran, Columbus
 Robert Michael Cody, Columbus
 B.A.

Estelle Lee Colbert, Ashtabula
 Charles Edward Coleman, Shelby
 David James Collins, Columbus
 B.S.Ed.
 Randy Edwin Combs, Centerburg
 MaryEllen Condon, Columbus
 Melinda Jane Conley, Ironton
 William Ben Connelly, II, St. Clairsville
 Elaine Marie Conrad, Newark
 Cheryl Lynn Cook, Columbus
 Cert.Grad.Dent.Hyg.
 Elaine Hartley Cook, Mansfield
 Gary James Coolman, Columbus
 Diana Kathleen Cottrill, Washington C. H.
 Sheryl Lynne Courson, Myerstown, Pa.
 Cert.Grad.Dent.Hyg.
 Sandra Kay Cox, Columbus
 James Gregory Crawfis, Mansfield
 Martha Prosser Crone, Ashland
 Rollie Lee Cruze, Chillicothe
 Mary Elizabeth Curtin, Columbus
 Karen Lee Daniels, Marion
 Elizabeth Dapollonio, Worthington
 William Rodney Davige,
 Danville, Ont., Canada

Bruce Martin Davie, Grove City
 Jennifer Jean Davis, Columbus
 Kathryn Marie Davis, Johnstown
 Mark William Davis, Centerville
 Nancy Holman Dawson, Columbus
 Pamela Sue Day, Sunbury
 Cert.Grad.Dent.Hyg.
 Donald Wilson Dechard, Zanesville
 Lori Ann Dempsey, Xenia
 William Robert Dennis, Zanesville
 Bryan Gene Denton, Caledonia
 Jo Anne Denton, Paramus, N. J.
 Barbara Louise Dick, Madison
 Dale Allen Diddle, East Liverpool
 Betty Kaufman Diemer, Lexington

Susan Jean Dixon, Reynoldsburg
 Sherry Ruth Dodrill, Fort Knox, Ky.
 Diana Sue Dodsowh, Columbus
 Christine Marie Doersam, Columbus
 Craig Roy Domsitz, Trotwood
 Mary Kathleen Donahue, Thornville
 1Marcia Lynn Donaldson, Kettering
 Carol Chorniak Duemmel, Dublin
 Susanne Lynn Duncan, Richmond Heights
 Margaret Lee Dunlea, Berea
 Marlene Kay Durigg, Bucyrus
 Ruth Clemens Early, Columbus
 Scott William Ebert, Dover
 Judith Worly Edelman, Lima
 Delight Dexter Eder, Columbus
 Carol VanPoznak Ehlers, Worthington
 Dennis Roland Eichinger, Chester
 Irene C. Wallis El Benni, Columbus
 Marsha Lynn Ellsworth, North Canton
 Dianne Elaine Ely, South Euclid
 Sandra Brown Ely, Columbus
 Suzanne Etsengrout Etsensky
 Scott Eyster, Fredericktown
 Mary Ellen Fagel, Cincinnati
 Florise Luciana Fantozzi, Columbus
 Patricia Ann Fast, Columbus
 B.A. (Ohio Dominican College)
 Carolyn Rae Fee, Columbus
 William Jeffery Ferrall, Cuyahoga Falls
 Gary Michael Ferrante, Toledo
 Daniel Ferryman, Milford Center
 Judith Greenberg Fineman,
 University Heights

Paul Scott Finnegan, Columbus
 Linda Sue Fisher, Columbus
 Brian Allan Fiske, Tiffin
 Donna Lynn Folker,
 Harrington Park, N. J.
 Carol Ann Foss, Alexandria
 James Douglas Frampton, Toronto
 Molly Floyd Francis, Lyndhurst
 Rita Jane Franklin, Columbus
 Mary Ellen Frisch, Columbus
 Stephen Bradley Fuhrig, Akron
 B.S.

Lori Lee Fundermark, Conneaut
 Donald John Furlong, Cincinnati
 Susan Lynn Galloway, Marion
 Anita Louise Gandine, North Olmsted
 Cheri Lynn Gardner, Mt. Gilead
 Donna Diane Garrison, Clarksburg
 Sharon Jeanine Garvey, West Jefferson
 Rhonda Lu Garvey, Salem
 Cynthia Louise Gawron, Reynoldsburg
 Charles Robert George, Galion
 Francine Hope Gertz, Akron
 Renee Maria Gibson, Cardington
 Richard Owen Gillette, Lakeview
 Janet Sue Glaze, Springfield
 Jeffrey Dale Gleckler, Conroy
 Linda Kay Gleckler, Columbus
 Robert W. Goldon, Jr., Toledo
 Betty Yvonne Goodridge, Granville
 Joann Rochelle Gordon, Columbus
 Robert Leslie Gordon, Columbus
 Michael Patrick Graham, Kettering
 Catherine Elizabeth Green, Reynoldsburg
 Barbara Martin Greene, Columbus
 Charles Earl Gregory, Columbus
 Gobra Grace Grunau, Columbus
 Jane Vonderembse Guagenti, Lima
 Marcia May Guest, Perryburg
 Linda Candal Haes, Marion
 Diane Marie Hageman, Lima
 Pamela Dianna Hague, Toledo
 Patricia Jarrell Halley, Columbus
 Maria Jayne Handley, Eaton
 Randal Martin Hardesty, Wooster
 Kathleen Wyles Harshar, Newark
 John Harper, Columbus
 William Arthur Harris, Columbus
 Christine Ann Hart, Columbus

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

Four hundred and ninety-nine candidates

Jeffrey Dwayne Ackers, Columbus
 Barbara Jean Adametz, Reynoldsburg
 Todd Jeffrey Alles, Columbus
 Mario Anthony Aluise, Columbus
 Pamela Kay Alves, Columbus
 Susan Carol Anderson, Columbus
 Barbara Ann Angelaitis, Willowick
 Thekla Mary Antonios, Columbus
 Jody Lynn Apelbaum, Akron
 Robin Secret Archer, Caldwell
 Dennis John Armstrong, Jr., Columbus
 Sheila Rae Armstrong, Cambridge
 Glenna Kay Asche, Sterling
 Beverly Ann Ashcraft, Pataskala
 Jan Scott Augenstein, Columbus
 Candi Lee Aurdand, Stow
 Marc William Ayle, Westerville
 Jenny Lee Badenhop, Hamler
 John Jefferson Bailey, Columbus
 Shawn E. Bailie, Cadiz
 Robyn Kay Baird, Centerville
 Cert.Grad.Dent.Hyg.
 Joan Margaret Baker, Alliance
 Marla Allen Barker, Reynoldsburg
 Kathy Talbott Barker, Columbus
 Deborah Jean Barr, Baltimore
 David Phillip Barrow, Columbus
 Kathleen Jan Bateman, Brook Park
 Jill Ann Bauer, Centerville
 Karen Sue Beck, Kettering
 Rebecca Sue Beckett, Dayton
 Linda Yarnan Beer, Mansfield
 Theresa Marie Bell, Columbus
 Dee Alana Bennett, Grove City
 Sheri Lipson Bidwell, Columbus
 Linda Schiffer Billingsley, Gomer
 Jacqueline Faye Bird, Westerville
 Loretta Joan Blaser, Columbus
 B.A.Jour.

1 Also Bachelor of Arts, Colleges of the Arts and Sciences

2 Also Bachelor of Science, Colleges of the Arts and Sciences

Jan Marie Hasemeier, Toledo
 William Deane Haskins, West Jefferson
 Joel B. Hatfield, Columbus
 Michele Eileen Hayes, Powell
 Carol Lee Headlee, Dublin
 John Victor Heck, Jr., Columbus
 Susan Amanda Heffernan, Richardson, Tex.
 Paul Leonard Hegreness, Columbus
 Kathleen Ann Heimlich, Coldwater
 Marie Helen Hemmelinger, Worthington
 Laura Jean Henderson, Willoughby
 Jerry Robert Hermann, Tallmadge
 B.S.Nat.Res.
 Sheryl Ann Hickman, Grove City
 Lynn Kristine Hillman, East Palestine
 Becky Berndt Hincley, Reynoldsburg
 Jaclyn Himg, Columbus
 Mary K. Hing, Columbus
 Sharon Marie Hoehn, Columbus
 Frederick Dwight Hoelzel, North Robinson
 Sandra Anderson Hoffman, Mansfield
 Donna Jean Holecko, Ashtabula
 Laura Jane Homan, St. Henry
 Margaret Ann Hooks, Columbus
 Patrick Jude Horgan, Columbus
 Jill Alison Horning, Bay Village
 Grad.Dent.Hyg.
 Rexann Marie Hosafros, Gahanna
 Amy Ka-Mei Hsu, Columbus
 Karen Marie Hurt, Chillicothe
 Kay Ethel Huston, Marietta
 David Charles Imber, Columbus
 Laura Kay Irwin, Hudson
 Pamela Leidy Jackson, Lima
 Teena Mary Javens, Dover
 Brenda Sue Johnson, Newark
 Cathy Eileen Johnson, Westerville
 Terri Ruth Johnson, Shelby
 Alan Geoffrey Johnston, Robinson
 Pamela Rogers Johnston, Worthington
 Carol Ann Jones, Troy
 Rebecca Ann Jones, Litchfield
 Dennis Patrick Jordan, Columbus
 B. S. (Florida State University)
 Lorenna Helton Kaebler, Ostrander
 Mira Louise Kahn, Needham, Mass.
 Kenneth Patrick Kaiser, Hilliard
 Steven Ray Kaib, Bucyrus
 Patricia Diane Kane, Fairview Park
 Carroll Sue Keith, London
 Kevin Edward Keller, Prospect
 Paula Eileen Keller, Tiffin
 Barbara Jean Kender, Mayfield Village
 Rosa Neugebauer Kerr, Columbus
 Phyllis Ann King, Columbus
 Diane Hickey Kinsey, Columbus
 Jeanne Patrice Kink, Fairport Harbor
 Harry Steven Kitsmiller, Columbus
 Nancy Diane Kittle, Wooster
 Dennis Muriel Kitzmiller, Bucyrus
 Patricia Macken Klein, Delaware
 Sally Ann Kollmer, Columbus
 Mark B. Kogler, Kettering
 Gerald Edward Kosanovic, Bethel Park, Pa.
 Susan Jean Kosonovich, Lorain
 Susan Eppley Kozak, Zanesville
 Sharanne Kozen, Youngstown
 Albert Derrick Kreidler, Ottawa
 Dale Robert Kreischer, Wooster
 Judy Jacqueline Kreitzer, Dayton
 Shirley Prater Kroeger, Spencerville
 Rebecca Mary Kromer, Huron
 Lynn Ann Kutina, Maple Heights
 Robert LeRoy Laipply, Jr., Bucyrus
 Russell Byron Lame, Westerville
 Robert Langman, Groveport
 Connie Sue Laucher, Marion
 Randy Edward Lawrence, Marion
 Dennis William Lee, Seven Hills
 Joyce Sue Leupp, Stryker
 Debra Kay Lewis, Columbus
 Virginia Elana Lewis, Euclid
 David Alexander Lindsay, Danville
 Lisa Lee Linehan, Powell
 Linda Longman, Columbus
 Elen Strassman Loshin, Columbus
 Michael Lynn Loudenslager, Hilliard

Ruth Bernard Lucas, Cleveland
 Robert Thomas Luey, Mansfield
 Rowland Roger Lutz, Columbus
 Valarie Lynn Lyman, Columbus
 Douglas Mitchel Lynn, Newark
 Patrick James Macaulay, Dayton
 Patricia Baer Macdonald, Bellefontaine
 Annetta Theresa Macedonia, Steubenville
 John Stephen Mackov, Toronto
 Joan Sullivan Magner, Columbus
 Randall Jay Maher, Van Wert
 Susan Katherine Malone, Avon
 Mary Beth Manken, Van Wert
 Paula Jane Manley, Columbus
 Judy Slesman Mann, Clyde
 Thomas Wesley Marling, Columbus
 B.A.
 Linda Anne Massie, Mansfield
 James Michael Mastin, Mansfield
 Joann Acquista Maurer, Columbus
 Deborah Gene Maxwell, Marysville
 Susan Marie Mayer, Malinta
 Carol Ann McCall, Reynoldsburg
 Maridell Stoina McCall, Newark
 Judith Ann McClanahan, Columbus
 Teresa Kay McClanahan, Mt. Blanchard
 Leslie Lynn McClure, Wooster
 James Timothy McElligott, Columbus
 John Richard McGory, Vienna
 Colleen Marie McKernan,
 Rickenbacker A.F.B.
 Janet Kay McKnight, Richwood
 Nancy Elizabeth McMahon, Fairborn
 Cathy McCleary McManama, Columbus
 Christopher Bryan McHugh, Lynnfield, Mass.
 Jeanette Marie Meluch, Lorain
 Kathy Kuhn Mental, Bucyrus
 Jennifer Jo Messick, Kenton
 Michael Gerald Mikusa, Columbus
 Christa Sue Mill, Butler
 Faith Susan Miller, Washington C. H.
 Gary Thomas Miller, Newmar
 Gerald Dwight Miller, Heath
 Joetta Lorree Miller, Marion
 Steven Quentin Morgan, Chillicothe
 Kristi Ann Morris, Pemberton
 Lisabeth Anne Mundew, Columbus
 Pamela Hillier Munsell, Columbus
 Janell Ruth Murray, Wooster
 Jamie Montague Myers, Bucyrus
 B.A.
 Mary Kay Myers, Mt. Gilead
 Richard Eugene Myers, Bloomville
 Karen Spencer Neer, Mechanicsburg
 Cynthia Jeanine Neibler, Columbus
 Marcia Nelson, Worthington
 Cert.Grad.Dent.Hyg.
 Marianne Roberta Newman, Worthington
 Kim Kennedy Nichols, Tonia, Mich.
 Cathy Ann Norris, Iron
 Randy Lee Norris, Coshocton
 Sally Kay Norris, New Holland
 Vicki Mae Nuttall, Langhorne, Pa.
 William Garth Nutter, Columbus
 James Robert Oberschlake, Hamersville
 Rochelle Bianca Opelt, Columbus
 M.A. (Indiana University)
 Diana Forrest Ostrom, Worthington
 Josephine Renzi Ostroy, Columbus
 Michael Anthony Pace, Mayfield
 Christine Marie Packa, North Canton
 Julie Kay Packer, Columbus
 Marilynne Jeanne Palipchak, Warren
 Paula Maria Palmucci, Sandusky
 Rebecca Ford Papai, Columbus
 B.A.-Jour.
 Pamela Sue Paramore, New London
 Jill Elaine Parker, Canfield
 Cert.Grad.Dent.Hyg.
 John William Parker, Columbus
 Leslie Eleine Parker, Dayton
 Suzanne Louise Parks, Columbus
 Laurel Hendershott Parsons, Hudson
 Thomas Allen Paterson, Jewett
 Linda Kay Patton, Greenwich
 Linda Canning Pearson, Mansfield
 Deborah Jean Perrine, Lima

Melinda Anne Peters, Columbus
 Rhela McClung Pethel, Dublin
 Carol Delawder Phillips, Columbus
 Joseph Piccinino, Newark
 Louis Paul Pietrini, Milford, Conn.
 Robert Joseph Pitstick, Xenia
 Timera Ann Polenz, Centerburg
 Melissa Jo Police, Wadsworth
 Susan Bonchick Pollock, Dayton
 Leslie Michelle Popp, Columbus
 Kathy Sackel Postle, Marion
 Eva Kay POUND, Newark
 Joseph Harold Powers, Bucyrus
 Lisa Joan Prendergast, North Olmsted
 Carl Prichard, Columbus
 Virginia Beth Pritchard, Columbus
 Debora Anderson Psholka, Lexington
 Michael Lee Pusteri, Columbus
 Peggie Lea Querry, Lima
 Elizabeth Ann Quinn, Hartsville
 Barbara Jean Rader, Pardonra
 Margie Jean Radigan, Columbia Station
 Debra Sue Rantanen, Worthington
 Cynthia Ann Rarcy, Columbus
 Deborah Durst Rebe, Granville
 Steven Robert Reber, Columbus
 David Lowell Riddlebaugh, Galion
 Jon Philip Riegler, Lima
 Patricia Popp Rinehart, Fredericktown
 Eddie Ronald Roberts, Mt. Gilead
 Karla Suzanne Roberts, Newark
 Theresa Ann Roberts, Columbus
 Susan Laurie Robinson, Columbus
 Joy Lombardo Rodgers, Columbus
 Donna Gail Rogers, Mansfield
 Deborah Kay Roof, Columbus
 Marla Ann Rose, Quincy
 Jean Ann Roshon, Obetz
 Jain Elizabeth Ross, Akron
 Jane Lucinda Rothhaar, Oceola
 Wendy Sue Rotman, Wooster
 Diana Jean Sanders, Columbus
 Rebecca Ann Sandkuhl, St. Marys
 Sandra Pelletier Saults, Columbus
 Suzanne Kauffman Sawmiller, Wapakoneta
 Barbara Jean Schneider, Westerville
 Karen Louise Schneider, Columbus
 Mark Dennis Schmitkey, Napoleon
 Judy Lynn Schorr, Dayton
 Lynn Alison Schultz, Ostrander
 Keith Neil Schuss, Columbus
 Stephen Henry Schuster, Upper Sandusky
 James Ernest Scott, Chesterland
 Leonard Edgar Scowden, Columbus
 Steve Marting Sessis, Columbus
 Bonnie Jean Sheets, Newark
 Rosemary Stedman Sheldon, Gahanna
 Linda Jane Sherrill, Parma
 Cindy Louise Sherman, Muncie, Ind.
 Jeffrey Brian Sherman, Sioux City, Ia.
 Kevin Scott Shively, Celina
 Suzanne Elaine Shotts, Parma
 Joseph Eugene Siefer, Leipsic
 Nancy Jeanne Siekmann, Cincinnati
 Louis Simmons, Jr., Gary, Ind.
 Carolyn Staunton Simpson,
 Smithers, W. Va.
 Douglas Clark Singer, Lima
 Barbara Lynn Skaggs, Wheeling, W. Va.
 Julie Maria Skeves, Marion
 Eugene Earl Slayman, Louisville
 Carol Ann Smith, Columbus
 Cert.Grad.Dent.Hyg.
 Coleen Gay Smith, Vincent
 Diana Lynn Smith, Cleveland
 Judy Rohrer Smith, Ashland
 Veronica May Smithers, Columbus
 Michael Joseph Snow, Kenton
 Donna Marie Socha, Lorain
 Cert.Grad.Dent.Hyg.
 Margaret Cope Sommers, Columbus
 David Daryl Speeg, Columbus
 Thomas Hall Spotts, Columbus
 Jamiann Spriggs, Portsmouth
 Lynnette Yvonne Staley, Summit Station
 Anne Cooper Stanton, Columbus
 Christi Michelle Stan, North Canton

Debra Jill Stanton, Indianapolis, Ind.
 Cert. Grad. Dent. Hyg.
 Boneva Reed Stapleton, Cardington
 Kathy Bradford Starner, Zanesville
 Betty Laura Starr, Parma
 Douglas Bruce Stebbins, Sheffield Lake
 Ann Wesley Stephenson, New Philadelphia
 Debra Kathleen Straight, Parma Heights
 Richard Bradford Strater, Lakewood
 Sandra Lou Streng, Columbus
 Jeanne Lynch Studer, Worthington
 Linda Marie Stutz, Wooster
 Kimberly Horton Sutermeister, Columbus
 Ronald Lee Swart, Cincinnati
 Lisa Kae Swatsler, Lima
 Joe F. Swincher, Columbus
 Susan Joy Tambur, Toledo
 Don Eugene Tate, Columbus
 Bonnie JoAnn Taylor, Jeromesville
 William Lee Taylor, Columbus
 Heather Hoy Tefft, Columbus
 Jonathan David Thomas, Columbus
 Judy Ann Thompson, Covington
 Virginia Reed Thompson, Botkins
 Philip Andrew Tierney, Columbus
 Lisa Ann Todd, Bellevue
 Jerry Ross Topping, Gahanna
 Amadio John Tosi, Berea
 Paula Diane Traugh, Galion
 John Michael Trimmer, Marion
 Peter Joseph Trocano, Union City, Ind.
 *Marina Louise Tschugunov, Warren
 Randall Mell Underwood, Galedonia
 Thomas Russell Underwood, Columbus
 Nadene Carol Unger, Bryan
 Eric Harris Vaas, Ashland
 Karen Ruth Vogt, Camp Dennison
 Michael Elliot Wasserman, Columbus
 Janice Roerig Watts, Columbus
 AnnaONEY Webb, Crestline
 David Allen Webster, Columbus
 Susan Heidi Weidman, Worthington
 Pamela Schorle Weiss, Columbus
 Jonathan Stephen Weller, Mason
 Kristina Wells, Prospect
 Allen Darrell Wertstuk, Galion
 Dawn Carol Whitacre, Salem
 Marjorie Jean Whittis, Columbus
 Karl George Whitten, Columbus
 Lisa Kay Williams, Circleville
 Stephen Howard Willoughby, Columbus
 Ann Edmunds Wilson, Dayton
 Cynthia Ann Wilson, Canfield
 Cert. Grad. Dent. Hyg.
 Diane Michelle Wysenski, North Bloomfield
 Bello Ahmed Yakasai, Kano City, Nigeria
 Michael Anthony Yonnotti, Columbus
 William Paul Yost, Newark
 Philip Harold Young, Mentor
 Rebecca Anderson Zeller, Newark
 Richard John Ziebro, Homerville
 Marilyn Zirkel Zuber, Lexington

Bachelor of Science in Agricultural Engineering

Eight candidates

James Byron Davidson, New Carlisle
 Jeffrey Mario Elwer, Columbus
 Jeffrey Richard Preston, Newark
 Dana Theodore Smith, Edon
 James Nesbitt Stafford, Columbus
 Keith Alan Stickley, Laura
 John Henry Vulgamore, St. Paris
 Michael Leroy Zwyer, Lithopolis

Bachelor of Science in Ceramic Engineering

Four candidates

James Rodney Factor, Nashport
 Robert M. Leddy, Jr., Columbus
 George Howard Rigrish, Columbus
 John R. Schneider, Canton

Bachelor of Science in Chemical Engineering

Twenty-three candidates

Jack Dale Alvis, Wheelersburg
 Robert Claude Armstrong, Toledo
 Keith Edison Bowers, Troy
 Michael Lee Collins, Columbus
 Ann Marsden Dorlay, Sylvania
 Michael Durilla, Maple Heights
 Timothy Alan Falken, Lancaster
 David Michael Faust, Newark
 Thomas Richard George, Jr., Wooster
 B.S.
 Dale Coleman Gyure, Marion
 Douglas Joseph Hallenburger, Avon Lake
 Thomas Michael Jones, Marion
 Mary Etta Lenz, Toledo
 Brian Robert Levers, Wooster
 *Winston Ray Nickerson, Columbus
 James Pappas, Fairpoint
 Mark Carter Reasoner, Mt. Vernon
 Choon Kok Tan, New York, N. Y.
 David Lewis Thaman, Lima
 Annette Tinkoviz, Toledo
 Robert Joseph Torchia, Jr., Newark
 David Harrison Wells, Jr., Findlay
 Robert Creston Wright, Greenview
 Thomas Eugene Wylie, Ashland
 Kenneth Allen Yunker, Elyria

Bachelor of Science in Civil Engineering

Thirty-five candidates

Theodore West Beidler, Avon Lake
 Roger Lynn Belt, Worthington
 Robert Earl Cecil, Jr., Syracuse, N. Y.
 Dennis Paul Coleman, New Riegel
 Daniel Joseph Compston, Wintersville
 Gary Allan Cooper, Shelby
 Douglas Jay Cosler, Xenia
 Alex Downie, III, Youngstown
 Lawrence Anthony Fantozzi, Columbus
 Peter John Frantz, Sidney
 Robert Scott Frost, O'Fallon, Ill.
 Doyle Edwin Hartman, Elida
 Edward Jude Honton, Columbus
 Gregory Dale Howard, Pomeroy
 William J. Huttinga, Grandville, Mich.
 Michael Robert Huttlinger, Valley City
 Katherine Leslie Jayko, Wyoming
 Mark Gerhardt Johnson, Bowling Green

Rex Alan Katterheirich, New Knoxville
 Kurt Charles Kovac, Cleveland
 Richard Allen Long, Wooster
 Daniel James O'Loughlin, Wooster
 Thomas Carmen Owen, Columbus
 William Douglas Pollick, Columbus
 Mark Joseph Rogge, Columbus
 Arthur Campbell Romero, Chillicothe
 Gary Ralph Schweizer, Bucyrus
 Richard Lewis Shoemaker, Columbus
 Gregory Stone, Xenia
 Timothy Malcolm Solack, Columbus
 Stephen Michael Stumphauser, Avon
 Thomas A. Tiefert, Dayton
 Michael James Trimeloni, Newark
 Bernard Edward Williams, Kettering
 Lorraine Karen Wolfs, Westlake

Bachelor of Science in Computer and Information Science

Twenty-four candidates

Dale Rollo Baker, Carroll
 Susan Diane Braun, Cincinnati
 Michael David Chandler, Columbus
 Steven Marquis Geist, Worthington
 Mark Wellman Gibbs, Cincinnati
 Mary Jane Glavan, Alliance
 Michael Edward Hall, Columbus
 Steven Lynn Hangen, Arcanum
 Dennis Michael Hegedus, Parma Heights
 Alfred Anthony John, Brooklyn, N. Y.
 Kevin John Lane, Columbus
 Joel Michael Love, Shelby
 Richard Scott McCabe, Columbus
 Karen Marie Metzner, Dayton
 Timothy Alan Newell, North Canton
 *Winston Ray Nickerson, Columbus
 Kevin Laurance Perkins, Dayton
 Alan Roger Reed, Hamilton
 Terry Alan Shields, Columbus
 David John Steger, Mentor
 A.A. (Lakeland Community College)
 Russell Vires, Columbus
 Ted Donald Weaver, Xenia
 Carlton Lewis Yaffey, Columbus
 David Mark Zath, North Olmsted

Electrical Engineer

Five candidates

Rodney Earl Bell, Danville, Ill.
 B.S. Elec. Eng. (Indiana Institute of
 Technology)
 Lynn Francis Boyd, Columbus
 B.S.E.
 Ronald Winston Holling, Columbus
 B.S.E.T. (Ohio Institute of Technology)
 Cedric Kuen-Yuen Sze,
 Kowloon, Hong Kong
 B.S.E.E.
 Sawat Tantiphawadi, Bangkok, Thailand
 B.S.E.E.

Bachelor of Science in Electrical Engineering

Forty-nine candidates

Robert Joseph Albers, Worthington
 John David Allen, Dover

1 Also Bachelor of Arts, Colleges of the
 Arts and Sciences
 2 Also Bachelor of Science in Computer and
 Information Science, College of Engineering
 3 Also Bachelor of Science in Chemical Engineering,
 College of Engineering

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Seven candidates

William Andrew Bailey, Jeromesville
 John Alan Bush, Portsmouth
 Charles Robert DeVore, Columbus
 James Louis McCauley, Jr., Columbus
 Paul Raymond McCurdy, Fairfax, Va.
 William Edmund Powers, Canfield
 Craig LeRoy Streett, Columbus

Robert James Amerine, Rushsylvania
James David Ayres, Westerville
Dana Paul Barnette, Columbus
Roger Paul Beck, Columbus
James Richard Berry, Columbus
John Joseph Boyle, Cambridge
B.S. (Miami University)

Lawrence McGehee Branscomb, Columbus
Steven Michael Carman, Columbus
Benson Man Chan, Columbus
James Charles Christenson, Denver, Colo.
Timothy Botsford Cribbs, Apollo, Pa.
Charles Edward Davidson, Bellville
Peter John Dumpis, Chicago, Ill.
Pasquale Joseph Eduardo, Warren
Eugene Leslie Fairchild, Columbus
Ralph G. Fetter, Jr., Hilliard
Russell Thomas Fling, Columbus
Scott Edward Fogelman, Tiffin
Stephen Paul Froelicher, Coneaut
Mark Crawford Garavaglia, Cincinnati
Christopher James Gay, Columbus
Ronald John Gliebe, Fairview Park
Dixie Foust Green, Cardington
John Allen Hamby, Columbus
Paul Edgar Haver, Antwerp
Robert Emerson Hoaf, Chillicothe
William Martin Joliat, Uniontown
Michael Lennard Kahn, Cleveland
Sae Hyun Lee, Chicago, Ill.

B.E. (Hanyang University, Korea)
Wesley Alan Meranda, Columbus
Bryan Allan Moenter, Oregon
Paul Harvey Moore, Columbus
Steven Michael Quack, Columbus
Neil Charles Robertson, Columbus
Richard Phillip Samuel, Circleville
B.S. (Bowling Green State University)
Ronald Charles Snead, Casstown
John William Straker, Jr., Zaniesville
Donald Eugene Strayer, Elida
Ben Sen Sugimoto, Dayton
Ottmar Dietrich Thiele, Thornville
Joseph Richard Voytceck, Martins Ferry
Deborah Jean Wagner, Cincinnati
Lawrence William Wald, North Olmsted
Randolph Todd Washington, Columbus
John Brian Waylett, Toronto, Ont., Canada
Robert Allen Young, Alliance
Zdravko Mario Zakman, Columbus

Bachelor of Science in Engineering Physics

Three candidates

William Andrew Fisher, Port Clinton
John Timothy Nicholson, Columbus
Gary Allen Smith, Galion

Industrial Engineer

One candidate

Jose D. Antonmarchi,
Mayaguez, Puerto Rico
B.S.I.E. (University of Mayaguez)

Bachelor of Science in Industrial and Systems Engineering

Seventeen candidates

Daniel Lee Brumback, Lorain
Dean Carl Easton, Columbus
Louis Howard Hlebiecki, Steubenville
Joseph Laszlo Hory, Columbus
Paul Milton Kabach, Upper Sandusky
Larry O. Kennedy, Columbus
Jerome E. Klosterman, Cincinnati

Steven Walter Kostreba, Euclid
Frederick Horn Laubach, IV, Wooster
Larry Leon Lawrence, Van Wert
John Andrew McClellan, North Canton
Jon Robert McMannis, Cuyahoga Falls
Edward Hyatt Parke, Wauseon
Ayman Sawaf, Brussels, Belgium
John Sells, Jr., Columbus
Steven Lawrence Siegel, Malvern, Ark.
James Patrick Zonar, Parma

Mechanical Engineer

Two candidates

Richard Gordon Jakmas, Columbus
B.B.A. (Ohio University)
Zvi Moravnik, Columbus
B.Sc. (Polytechnic Institute of Brooklyn)

Bachelor of Science in Mechanical Engineering

Thirty-three candidates

David Allen Bierman, Dayton
Gary Ray Blume, Kenton
Mark Kevin Boyd, Columbus
David Arthur Daniels, Springfield
Anthony Charles DeVuono,
Philadelphia, Pa.
Floyd J. Dunean, Jr., Richmond, Va.
John Michael Dzioba, Cleveland
Douglas Frederick Edwards, Newark
Philip Chappelle Fair, Cincinnati
James Walter Gibson, Jr., Kettering
Robert Bruce Holt, Toledo
Charles Anthony Holder, Columbus
Edward Randall Huff, Columbus
B.S.Agr.
Steven George Jorgensen, Oxford
Gary Steven Keys, Cincinnati
Edward Eugene Klahn, Crestline
John Cleland Lavash, Cincinnati
James Vernon Livesay, Clayton
Kenton O. Longenecker, Columbus
Thomas A. Mathias, Bucyrus
Walter Lewis Michener, Columbus
Donald Earle Moore, Wooster
David Lee Moss, Wadsworth
Steven Lee Niekamp, St. Henry
Robert Barnes Richmond, South Euclid
Harlan Grent Salsers, Gallipolis
John Craig Seim, Gibsonburg
James E. Shoemaker, Columbus
B.S.Bus.Adm.
John Marsh Skilliter, Toledo
Tulley William Smith, Stow
William James Stewart, Columbus
Michael Joseph Szmania, Grafton
Gary Lee Zimmerman, Wooster

Bachelor of Science in Metallurgical Engineering

Ten candidates

John Edward Alexander, Columbus
James Eugene Ault, Columbus
Robert Eric Beeter, Greenville
Michael George Jerasas, Strongsville
Michael William Joosten, Columbus
James Robert Mahlie, Wintersville
Stephen Michael Powell, Dayton
Theodore Lee Reinhart, Dayton
Ernest Roger Reinmuller, Dayton
Barry Philip Schrader, Franklin

Bachelor of Science in Welding Engineering

Nine candidates

Robert Paul Campbell, Columbus
Stephen Norman Hammond, Elyria
Gregory Thomas Krause, Columbus
Chris Miron Paula, Parma
Michael Louis Pettenski, Columbus
Richard Stephen Rogoski, Columbus
Bernard John Stoffel, Jr., Columbus
Kenneth Wayne Trumbull, Columbus
Gary Richard Wood, McKeesport, Pa.

Bachelor of Science in Architecture

Seventy-seven candidates

Kristine Elaine Akins, Marysville
Robert Douglas Barga, Versailles
B.A.
Chris Alan Bendinelli, Portsmouth
Edwin Martin Berner, Jr., LaGrange
David Bruce Bills, Delaware
Roy Dale Blessing, Brookville
Jerry Lee Brabant, Dayton
David Karl Brinker, Cincinnati
Gregory Thomas Busch, Cincinnati
Frederic Albert Cook, III, Columbus
Gerald Keith Cullison, Columbus
Kent C. Darbyshire, Lima
Richard del Monte, Hollywood, Fla.
Elizabeth Masters Dennis, Richmond, Va.
Richard Henry Dorzbach, River Edge, N. J.
Daryl Dean Dulaney, New Carlisle
Ellen Sara Evans, Carnegie, Pa.
Patrick Joseph Farrell, Elyria
Joseph Edward Feher, Galloway
Richard Paul Filloramo, Manchester, Conn.
Abraham Itzhak Fisher,
Kiryat Bialik, Israel
Jack Alan Frost, Chillicothe
Stephen Clark Fry, Battle Creek, Mich.
Ernest Roko Gaal, Canal Winchester
Famela Kay Ganserer, Hicksville
James Edward Gear, Mentor-On-The-Lake
Henry Goszyla, Galloway
B.S. (Purdue University)
William Carl Granzow, Miamisburg
Timothy Lee Gregg, Zaniesville
Darrell Bruce Griest, Springfield
Brian Hunter Guthrie, Galesville, Wis.
Brad Eldeen Halley, Wilmington
William Robert Halter, Canton
John Martin Hauser, Fair Lawn, N. J.
Jeffrey Richard Hess, Warren
Randall James Heydinger, Attica
Timothy Edward Huffman, Vermilion
Mark Clifford Johnson, Bernardsville, N. J.
Stephen Paul Johnston,
Hendersonville, N. C.
Thomas Frank Klose, Xenia
Bruce Clyde Knepper, Murrysville, Pa.
Suzanne Kolarik, Columbus
Gregory John Lorenzetti, Niles
Robert Lawrence Marks, Columbus
Thomas Richard Matheny, Columbus
David William Mathias, Columbus
Dana Joseph McBride, Akron
Kevin Michael McDonough,
South Yarmouth, Mass.
Stephen John Metzger, Shelby
David Reams Miller, Youngstown
Eric Stephen Miller, Dayton
Alan James Moody, Baden, Pa.
Steven Kirby Mueller, Ammon, N. Y.
Richard O'Hanian, Columbus
Douglas Joseph Plummer, Belle Center
Gary Carroll Roberts, Columbus
Gregory Charles Robinson, Zaniesville
Daniel Osgood Roe, Washington, Pa.
William Daniel Ross,
Corentyne Berice, Guyana

David John Rozema, Worthington
 Robert Hyman Rubenstein,
 North Woodmere, N. Y.
 Louise Ann Sabol, Euclid
 Ittichai Sangsit, Bangkok, Thailand
 Shari Ellen Schilling, Metrick, N. Y.
 Andrew Norman Share, Syracuse, N. Y.
 David Gregory Shook, Akron
 Brian Douglas Smith, Dayton
 Douglas Roger Smith, Tucson
 Jerri Kay Smith, Pasco, Wash.
 Jeffrey Mark Stoiber, Canfield
 David Franklin Stone, Portsmouth
 Jeffrey William Stubbs, Zanesville
 Terence John Sullivan, Wyandotte, Mich.
 B.S. (Michigan State University)
 Craig Alan Thomas, Columbus
 Robert Toland, Newark, N. J.
 Larry Joseph Tuccio, Bellaire
 Roger Allen Westfall, Carrollton
 Linda Suzan Wieneke, Middletown

Bachelor of Science in Landscape Architecture

Forty-nine candidates

Albert James Anastasi, Wantagh, N. Y.
 B.S.Agr.
 John Richard Arend, Cincinnati
 Kevin George Bernauer, Parma
 George Thomas Bloomer, Jr., Colonia, N. J.
 Rebecca Sue Braverman, Columbus
 David John DeVictor, Toledo
 Vincent DiDonato, Chesterland
 Karl John Freytag, Sidney
 Scott Edward Gebhardt Bauer,
 Rockville, Md.
 Jody Anne Gilbert, Columbus
 Sherwin Yeal Hayes, Jefferson
 William Jack Heider, Springfield
 Richard Alan Heyne, Dayton
 Michael Ray Holt, Jackson Center
 Thomas Ralph Jump, Marion
 Brian Peter Kinzelman, Columbus
 Mark Alan Kline, Dayton
 Bruce Paul Lambert, Brook Park
 Lawrence Francis Lavrich, Chardon
 Joseph Cornelius Lawson, Chillicothe
 Mark Russell Lewis, Columbus
 Richard Alan McBride, Dayton
 Diane Kaye McCurdy, Oakmont, Pa.
 Kenneth Robert Merunski, Seven Hills
 B.S.Arch.
 David Paul Meyer, Parma
 Robert William Miesca, Lorain
 Stephen Gary Moluse, Huron
 Martin Clifford Murphy, Columbus
 Douglas Mathew Nemeckay,
 Richmond Heights
 Marvin Jay Newell, Norwalk
 William Lee Orsborn, Mt. Vernon
 Charles LeVern Orth, Marion
 Martin Stanley Pawlikowski, Cleveland
 Robert Thomas Peter, Akron
 B.S.Agr.
 Pamela Ann Philhower, Dayton
 James Alan Renn, Marion
 John Stuart Runkel, Thornville
 Phillip Rodney Ryan, Mesa, Ariz.
 Bradford Stuart Samuel, Rocky River
 Mark Alan Schieber, Findlay
 B.A.
 Andrew Leighton Sparks, Warren
 B.A.
 Michael Nicholas Stamas, Dayton
 B.S. (Bowling Green State University)
 Pamela Wood Stickney, Columbus
 Lloyd Wesley Stout, Columbus
 Timothy Stypula, Newark
 Arlene Janice Talaga, Schenectady, N. Y.
 Robert Walter Thompson, Pataskala
 Steven Richard Tomasi, Canton, Mass.
 Donald Michael Voisinet, Marietta

College of Law

Dean: L. Orin Slagle, Jr.

Juris Doctor

One hundred and eighty-five candidates

Joyce Spray Anderson, Columbus
 B.A.
 James Gordon Ayers, Columbus
 B.S.Bus.Adm. (University of North
 Carolina)
 Dan Bacal, Lyndhurst
 B.A.
 Deborah A. Ballam, Mt. Vernon
 B.A., M.A.
 Mark Bandy Barnes, Springfield
 B.A. (Wright State University)
 Carol Lee Barnum, Columbus
 B.A.
 Patricia Evans Bartos, Heath
 B.A.
 Roberta Yoder Bavry, Columbus
 B.A. (Purdue University); M.A.
 Robert Joseph Behal, Columbus
 B.A.
 Nancy Elaine Belville, Delaware
 B.A. (Bowling Green State University)
 Joan Frances Bennett, Taylors, S. C.
 A.B. (Barnard College of Columbia
 University)
 Edward Joseph Bernert, Steubenville
 B.A. (Ohio Northern University)
 Stephen Joseph Bochenek, Dayton
 A.B. (Saint Louis University)
 Marvin William Bohm, University Heights
 B.B.A. (Ohio University)
 Loren Louis Braverman, Columbus
 B.A.Jour.
 David Carl Breidenbach, New Marshfield
 B.S. (Ohio University)
 Dale Thomas Brinkman, Worthington
 B.A. (University of Notre Dame)
 James Duane Brubaker, Ferrysburg
 B.A. (Otterbein College)
 Cheryl Blackwell Bryson, Baltimore, Md.
 B.S. (Morgan State College)
 David Miron Buchman, Columbus
 B.A. (Hiram College)
 Karen Jean Bunning, Newark
 B.A. (College of Wooster)
 Andrew Jay Burkholder, Bluffton
 B.S.Bus.Adm.
 Janet Rose Burnsides, Cleveland
 B.S.Ed., M.S.
 Michael Joseph Calabria, Steubenville
 B.A. (Bethany College)
 Michael Hiram Carpenter,
 Huntington, W. Va.
 B.A.
 Jerome David Catanzaro, Cincinnati
 B.A. (University of Cincinnati)
 Stephen Eric Chappelear, Columbus
 B.A.
 Alden Brett Chevlén, Youngstown
 B.S. (Case Western Reserve University)
 Doris M. Clanton, Nashville, Tenn.
 B.S. (University of Tennessee); M.A.
 John Patrick Coady, Taylorville, Ill.
 A.B. (University of Illinois)

Mark Steven Coco, Alliance
 B.A.
 Erik Louis Collins, Geneva, N. Y.
 B.A., M.A. (Florida State University);
 Ph.D. (Syracuse University)
 John Webster Cook, Granville
 B.S. (Miami University)
 Steven Sibley Cotton, South Euclid
 B.A. (Denison University)
 John Sarkis Coury, Canton
 B.A.
 Kenneth Michael Cymbal, Parma
 B.A. (Miami University)
 Robert Peter Damore, Youngstown
 A.B. (Georgetown University)
 Nancy Leeanne Danison, Charleston, W. Va.
 B.S., B.A. (Morris Harvey College)
 Joel Kim Dayton, Ogden, Utah
 B.S. (Weber State College)
 Randall James Dicks, Pittsburgh, Pa.
 B.S.L. (Georgetown University)
 Sally Louise Dilgart, Sandusky
 B.A. (Denison University)
 David John Diroll, Masury
 A.B. (Youngstown State University)
 Richard Stephen Dodson, Massillon
 B.A. (Kent State University)
 Timothy Jon Donnelly, Cleveland
 B.S.Bus.Adm.
 Jeff Douglas Drushal, Wooster
 B.A. (Northwestern University)
 James Allistair Dunn, Dayton
 B.S. in Bus. (Miami University)
 Thomas Eugene Dysinger, Tipp City
 B.A.
 Charles Joseph Eades, Milford
 A.B. (Davidson College)
 Larry Paul Ebert, Sandusky
 B.A. (Case Western Reserve University)
 Robert Sidney Eichel, Cincinnati
 B.A. (Boston University)
 Gregg Michael Emrick, Dayton
 B.S.Bus.Adm. (University of Tennessee)
 Marquette Daniel Evans, Columbus
 B.A.
 Brenda W. Feder, Columbus
 B.A.
 Alan Sidney Fishman, Columbus
 B.A. (George Washington University)
 Wilbur Glenn Forrester, Columbus
 A.B. (Marion College)
 Kay Frazee, Centerville
 A.B. (University of Michigan)
 Francis Ambrose Fregiato, Martins Ferry
 B.A.
 Beatrice Margaret Friedlander, Columbus
 B.A.
 Jerome Edward Friedman, Cleveland
 B.A.
 Steven Lee Frischer, Beachwood
 A.B. (Princeton University)
 David Lawrence Fuhry, Chagrin Falls
 B.A. (Kent State University)
 Rustin John Funk, Marietta
 B.A. (Miami University)
 Robert Woodward Gardier, Jr., Columbus
 B.A. (College of William and Mary)
 Stephen Henry Garipey, Cleveland
 B.A. (Case Western Reserve University)
 Donald Randall Garlit, Detroit, Mich.
 B.A. (Michigan State University)

Carl Genberg, Deerfield Beach, Fla.
B.S. (Cornell University)

Joseph Anthony Gerling, Columbus
B.S. in Chem.Eng. (University of Notre Dame)

Marc Preston Gertz, Akron
B.S.Bus.Adm.

Sterling Everard Gill, II, Columbus
B.A.

Eugene Glenn Gillis, Hampton, Va.
B.A. (Hampton Institute)

Patrick Joseph Goebel, Fond du Lac, Wis.
B.B.A. (University of Wisconsin—Oshkosh)

Bernard Gross, Youngstown
B.A.

John William Guendelsberger, Sandusky
B.A.

Kristina Ann Hamilton, Parma Heights
B.A. (Bowling Green State University)

Ilse Sue Hawkins, Columbus
B.S.Ed.

Lucy Raub Herman, Worthington
A.B., A.M. (Indiana University)

Georganne Reid Higgins, Cleveland
B.A. (Principia College)

Kathleen Louise Hinding, Columbus
B.A. (Bowling Green State University)

Eric Robert Hoffman, University Heights
B.S. (American University)

Timothy Lorence Holston, Medina
B.A. (Miami University)

Ted Charles Honold, North Canton
B.A. (DePauw University)

David Mitchell Huddleston, Portsmouth
B.A. (Denison University)

Carole Renee Hutchins, Springfield
B.A.

Tim E. Ihle, West Chester
B.S.Ed.

Charles Robert Janes, Reynoldsburg
B.A.

Z. Mae Jimison, Indianapolis, Ind.
A.B., M.S. (Indiana State University)

Keith Karleton Johnson, Yellow Springs
B.A. (Bowling Green State University)

Michael John Johrendt, Columbus
B.A.

Jeffrey Paul Kibley, Tiffin
B.S.Ed. (Ohio University)

Julius C. Keller, Cincinnati
A.B. (Ohio University)

Kenneth Jack Kies, Cuyahoga Falls
B.G.S. (Ohio University)

Glen Gray Kizer, II, Portsmouth
B.A.

Alexander Stephen Kocsis, Columbus
B.A.; M.A. (University of Arkansas)

Ronald Joseph Koltak, Hanoverton
B.A. (Kent State University)

James Lawrence Kotschwar, Kettering
B.A. (Miami University); M.A. (Kent State University)

Richard William Kuck, Findlay
B.S. in Bus. (Miami University)

David Louis Kuhn, Youngstown
B.I.A. (General Motors Institute)

Thomas Dean Lammers, Celina
B.S.Ed. (Ohio University)

Bonita Gline Lesnik, Columbus
A.B. (Barnard College of Columbia University)

Richard Jay Levin, Lyndhurst
A.B. (Washington University); M.A.

George Ligon, Jr., Raleigh, N. C.
B.S. (North Carolina Agricultural and Technical State University)

John Cook Lilly, Midland, Mich.
B.A. (Kalamazoo College)

Edwin Yee Lim, Youngstown
B.E. (Youngstown State University)

Bruce Roy Lowry, Columbus
B.A.

Douglas Benedict Maher, Akron
B.S.Ed. (Ohio University)

John Wesley Main, Jr., Columbus
B.A. (University of North Carolina)

Ann Rist Margezum, Chagrin Falls
B.A. (Miami University)

James Francis McCarthy, III, Cincinnati
B.A. (Xavier University)

Jeffrey Barton McClure, Columbus
B.A. (Miami University)

Kevin Robert McDermott, Youngstown
B.A. (Miami University)

Michael Joseph Meany, Cleveland Heights
B.A. (Georgetown University)

Howard Jay Mellon, Flushing, N. Y.
B.B.A. (Pace University)

Jacquelyn Meilink Meng, Sandusky
B.A. (Bowling Green State University)

Julia Marie Metzger, Columbus
A.B.Ed. (University of Michigan)

Christopher Richard Meyer, Columbus
B.A.

Anthony Eugene Miller, Rocky River
B.A. (Denison University)

Michael A. Mirando, Conneaut
B.A. (University of Notre Dame)

Carla Denise Moore, Akron
B.A. (University of Akron)

Erin Frances Moriarty, Columbus
B.A.

John Wayne Mygrant, McComb
B.A. (Bowling Green State University)

Michael Kevin Nunner, Cincinnati
B.A.

John Scott Oney, Milford
B.A. (Yale University)

Richard Dickson Owens, Jeffersonville
B.A.

Paul Fredric Oyaski, Euclid
B.A. (Cleveland State University)

Jerry Steven Packard, Akron
B.A. (University of Akron)

David Robert Packer, Berwyn, Pa.
B.A. (Dickinson College)

Joseph Robert Panzl, Muskegon, Mich.
B.A. (Michigan State University)

William Scott Pearson, Midland, Mich.
B.A. (Michigan State University)

Jon R. Philbrick, Garfield Heights
B.A. (Cleveland State University)

Gerald Denis Piszczek, Brunswick
B.A. (Cleveland State University)

Randall Lee Porter, Marietta
B.A. (Denison University)

Greg Kent Pratt, Middelton
B.A. (Ohio Northern University)

Samuel Timothy Price, Columbus
A.B. (Harvard College)

Gregory Duval Rankin, Franklin, Mich.
B.A. (Albion College)

Catherine Ella Rappoport, Youngstown
B.A.

Louis Recher, Geneva
B.G.S. (Kent State University)

Constance Whyte Reinhard, Amherst
B.A. (Case Western Reserve University)

Kevin Joseph Reis, Columbus
B.A.

Jane Page Relyea, Galion
B.A. (University of Delaware)

James Carlos Rendeiro, III, Columbus
B.A. (Kenyon College)

David John Richards, Centerville
B.S. in Bus. (Wright State University)

Kim Alan Rieck, Youngstown
B.A. (Case Western Reserve University)

Mark Raymond Riegel, Lancaster
B.A. (Wittenberg University)

Lynn Kent Riethmiller, Columbus
B.A.

David Charles Romm, Alexandria, Va.
B.A. (University of Maryland)

John David Ronshagen, Milford, Conn.
B.S. (Miami University)

Thomas Lawrence Root, Plymouth
B.A. (Ohio Wesleyan University)

Woodford Gregory Rowland, Cincinnati
H.B.A. (University of Cincinnati)

Judith Brick Sanders, Youngstown
B.A. (Wittenberg University)

Martin Stanley Seltzer, Columbus
B.Met.Eng. (New York University);
M.S.Eng., Doctor in Eng. (Yale University)

Eugene Robert Shultz, Columbus
B.A.

David Alan Skrobot, Wickliffe
B.A. (Capital University)

Gary Michael Smith, Columbus
B.A.

Ruth Ann Hunter Smith, Westerville
B.S.Ed.

Nancy Lou Sponseller, Columbus
B.A.

David Harry Starkey, Dublin
B.S.I.S.E.

Mitchell Alan Stern, University Heights
B.A. (Miami University)

Cruiz Langjahr Stout, Columbus
B.A. (Williams College)

T. Austin Stout, Portsmouth
B.A.

Russell Akira Suzuki, Wahiawa, Hawaii
B.A. (University of Hawaii)

Jeffrey Allan Sykes, Columbus
B.A. (Kent State University)

Philip Neil Tague, New Lexington
B.A. (Northwestern University)

Nan Sue Teitelbaum, Bellbrook
B.A.

James Patrick Thomas, Columbus
B.A.

Russell Gary Tisman, Hicksville, N. Y.
B.A. (Northwestern University)

° Also Master of Arts, Graduate School

Robert Ward Trafford, Columbus
B.A.

Virginia Marie Trethewey, Gambier
B.A. (University of Washington)

Richard Allen Utz, New Washington
B.A.

Edward Philip Walker, Oregon
B.S.M.E. (University of Toledo)

Thomas Ling Wang, Cincinnati
B.A.

Christopher James Warner,
Wilington, Del.
B.A. (Denison University)

Robert Scott Warner, Lansing, Mich.
B.A. (Michigan State University)

Charles Herbert Waterman, III, Columbus
B.A., B.S.Ed.

Mark Alan Welch, Cleveland
B.A. (Miami University)

John Kerry Weston, Allentown, Pa.
B.A. (Pennsylvania State University)

Martin Fred White, Warren
B.A.

John Timothy Wiedemann, Norwalk
B.S. (University of Cincinnati)

Dennis Patrick Wirtz, Canton
B.A.

Dennis Patrick Witherell, Toledo
A.B. (University of Michigan)

Richard John Wood, Woodbridge, Va.
B.A. (University of Kentucky)

James Edward Workman Jr., Zanesville
B.B.A. (Ohio University)

David Withrow Worth, North Canton
B.A. (Mount Union College)

Dean Allen Young, Akron
B.A. (Malone College)

Carol Anita Zelizer, Columbus
B.S.Soc.Wel., M.A.

David Alan Zwyer, Berkey
B.A. (Bowling Green State University)

Philip Aaron Bialer, Cleveland Heights
B.A. (University of Rochester)

Rosalind Jane Batley Bobulski, Columbus
B.A. (Ohio Wesleyan University)

Pamela Hurst Boone, Portsmouth
B.A.

Willie Lewis Boyd, Cincinnati
B.S. (University of Cincinnati)

Wilbur Ray Brooks, Xenia
B.S. (Wright State University)

Mark Allan Brown, Flushing
B.A.

Ihor John Cehelsky, Parma
B.S. (University of Notre Dame)

*Raul Chabali, Dayton

Glenn Anthony Ciolli, Warren
B.A. (Miami University)

Kenneth Alfred Clark, East Palestine
B.E.E. (Youngstown State University)

Michael Jon Cohen, Beachwood
B.A. (Swarthmore College)

Trevor John Craig, Columbus
B.A. (Miami University)

Barbara Ann Cromer, Dayton
B.A. (Ohio Wesleyan University)

David Lee D'Amore, Brookfield
B.S. (John Carroll University)

Matthew Edwin Dangel, Wadsworth
B.A. (Wittenberg University)

Mellar Pilgrim Davis, Columbus
B.S. (Otterbein College)

David Perry Deeter, Dayton
B.A. (University of Dayton)

William Michael DeVoe, Cincinnati
B.A. (Miami University)

Michael James Dickerson, Marion
B.A. (Case Western Reserve University)

Kathryn Drew, Columbus
B.S. (Denison University)

John Gordon DuPuis, Toledo
B.S. (Bowling Green State University)

Donald Ray Ebersole, Archbold
B.A. (Goshen College)

John Lewis Eickholt, III, Sylvania
B.A. (University of Toledo)

Gail Ann English, Fairview Park
B.S. (University of Michigan)

Richard Allen Fankhauser, Dundee
B.S.

James Michael Felton, Union
B.S. (Bowling Green State University)

*Walter Cecil Ferris, Georgetown

Todd Douglas Fladen, Canton
B.A. (Emory University)

Howard William Frank, Jr., Toledo
B.S. (United States Air Force Academy)

Roger Alan Friedman, Beachwood
B.A. (Miami University)

Stephen Michael Fries, Columbus
B.A.

Beryl Rose Fruth, Carey
B.A. (Asbury College)

Thomas George Fry, III, Columbus
B.S. (University of Notre Dame)

Michael Charles Garovich, Campbell
B.A.

Michael Charles Gaudiose, Youngstown
A.B. (Cornell University)

Chrisanne Gordon, Poland
B.S. (Duquesne University)

Martin Jay Gottesman, Dayton
B.S. (Purdue University)

Robert Michael Gsellman, Stow
B.S. (University of Akron)

Leslie Frank Gunzenhaeuser, Toledo
B.S. (University of Toledo)

Kim Scott Hamelberg, Columbus
A.B. (Miami University)

Peter Edward Harroff, Athens
B.S. (Ohio University)

George Van Hassink, Chagrin Falls
B.A.

Paul Thomas Heban, Rossford
B.S.Ed. (Toledo University)

Mark Douglas Hillard, Bloomdale
B.S. Nutrition

James William Holcomb, Richwood
B.A. (University of Virginia)

Mark David Holmes, Westlake
B.S.

Steven Paul Hooley, West Liberty
B.A. (Goshen College)

Walter Wesley Howard, Columbia, Mo.
B.A. (College of Wooster)

Charles David Hunt, Columbus
A.B. (Amherst College)

Daniel Lee Hurst, Hamilton
B.A. (Denison University)

Neil Alan Jacobson, Pepper Pike
B.A. (Bucknell University)

John Edward Janik, Youngstown
B.S. (John Carroll University)

James Lyndon Johnson, Ashland
B.S. (University of Akron)

Anthony Joseph Jurkiewicz, Bowling Green
B.S., M.S. (Bowling Green State
University)

John Neibert Kagay, Kettering
B.S.

David Anthony Kaminskas, Lyndhurst
B.S.M.E. (Purdue University)

Christos Karabinas, Garfield Heights
B.S.Ch.E. (Ohio University)

Curtin Gregg Kelley, Chagrin Falls
A.B. (Miami University)

Timothy Kelly, Somerset
B.S. (Ohio University)

Kenneth Alexander Kenyhercz, Struthers
B.S. (Youngstown State University)

Daniel Lee Kessler, Columbus
B.A.

Howard Michael Kimes, Fostoria
B.A.

Jack Dennis King, Mansfield
B.S.

Mary Ann Elizabeth Kish, Wickliffe
B.A. (Case Western Reserve University)

Robert Edward Kneisler, Dayton
B.S.

Janice Emma Knoefel, Newark
B.A. (Ohio Dominican College)

Ann Marie Kolwitz, Toledo
B.Ed. (Toledo University)

Robert Erik Kose, Pickerington
B.A.

Thomas Howard Kuhn, Sandusky
B.S.

Perry Leroy Kyser, North Lima
B.S.

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

One hundred and sixty-nine candidates

Jennifer S. Allen, Waverly
B.A. (Ohio Northern University)

Robert Chris Anderson, Hilliard
B.A. (Capital University)

Peter Douglas Arfken, Oxford
B.S. (Miami University)

Lucy Laub Babcox, Akron
B.A. (Cornell University)

Howard Saxe Barnebey, Columbus
B.A. (College of Wooster)

Bruce Raymond Belleville, Burghill
B.A. (Case Western Reserve University)

William Fred Bennett, Springfield
B.S.

Hayes Ronald Berk, Youngstown
B.A.

David Michael Berzon, Canton
B.A.

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Dale Chris Lakis, Cleveland Heights

B.S.

Gary Edward Lane, Heath
B.A. (Ohio University)

Ronald Paul Lang, Shaker Heights
B.S. (Washington University);
M.A., M.Ph. (Yale University)

Mary Ann Lavery, Akron
B.A.

Nels Robert Leininger, Columbus
B.A. (Duke University)

Linda Gail Lewis, New Lebanon
B.S. (University of Dayton)

William Rankin Lewis, III, Beachwood
B.S. (University of Cincinnati)

James Hansing Liu, Columbus
B.S.

John Edward Lloyd, Bainbridge
B.A. (Otterbein College)

John Anthony Lombardo, Dayton
B.S. (University of Dayton)

Janet Marie Lucas, Mansfield
B.A. (Western College)

Eugene Lundy, Youngstown
B.S.Ed. (Youngstown State University)

David Joseph Magorin, Woodsfield
B.A. (Case Western Reserve University)

Kathleen Ann Malone, Portsmouth
B.S. (University of Dayton)

Pamela Jean Marxen, Van Wert
B.A. (Wittenberg University)

Melissa Jane Matthews, Hamilton
B.A. (Saint John's College)

Walter Glenn Maurer, Maumee
B.S., M.S. (Massachusetts Institute of
Technology)

Elizabeth Broderick McEvoy, Poland
B.A. (Oberlin College)

Kevin Michael McGarahan, Sherwood
B.S.

Steven Carlson Merrill, Reynoldsburg
B.A. (College of Wooster)

*Scott Henson Merryman, Worthington

Jay Edward Meyer, Lima
B.S.

Sue Knox Mihalko, Euclid
B.S.

James Grant Miller, Jr., Toledo
B.S. (University of Toledo)

Molly McBee Miller, Akron
B.A. (Cornell University)

Assad Moheimani, Columbus
B.A.

Joseph Andrew Molnar, Akron
B.B. (Eisenhower College)

Larry Allen Nance, Spencerville
B.S.

Meribeth Annette Ogrinc, Chagrin Falls
B.S. (John Carroll University)

Steven Michael Pap, Lyndhurst
B.S. (John Carroll University)

Cheryl Lynn Parsons, Perrysburg
B.S. (Bowling Green State University)

Rick Martin Pekarek, Garfield Heights
B.A. (Case Western Reserve University)

Valerie Jo Prete Pendley, Dayton
B.S. (Wright State University)

Richard Anthony Petrella, Mingo Junction
B.S. (University of Notre Dame)

Eugene William Pfister, Kenton
B.S. (Bowling Green State University)

Stephen Kent Powers, Columbus
B.S.

Susan Hess Prasher, Columbus
B.A., M.S. (Marshall University)

Frank Edward Rabe, Columbus
B.S. (University of Notre Dame)

Stanley Steven Racz, Elyria
B.A. (DePauw University)

Daniel H. Raess, Cuyahoga Falls
B.S., B.A. (Kent State University)

Garry Ewell Rains, Hamilton
B.S. (University of Cincinnati)

John Dale Rathbun, Vermilion
B.S. (Miami University)

David B. Reynolds, Columbus
B.S.

Rosalind Siegel Robertson, Yellow Springs
B.S. (Antioch College)

Alan Bruce Rosenberger, Columbus
B.A.

John Alfred Rosenfield, Columbus
B.A.

John S. Russ, Jr., Columbus
B.S.

Pradip K. Rustagi, Worthington
B.S. (Stanford University)

Stewart Douglas Ryckman, Mansfield
B.S. (Purdue University)

Daniel Garvin Sayers, Columbus
B.S.

Mark Stephen Schaffer, Kettering
B.A. (Miami University)

Robert Alan Schwartz, Columbus
B.A. (Miami University)

Thomas Allen Shatten, Mayfield
A.B. (Harvard University)

Keith B. Sherrer, Dayton
B.S. (Howard University)

Patricia Kay Shopfer, Fairborn
B.A. (University of Montana)

Donna Shoupe, Findlay
B.S. (University of Kentucky);
B.S. (Massachusetts Institute of
Technology)

Shannon Lee Simpson, Bowling Green
B.S. (Bowling Green State University)

Bruce Scott Smith, Cuyahoga Falls
B.S.

David Craig Smith, Piqua
A.B. (Case Western Reserve University)

Larry Edward Smith, Bowling Green
B.S. (Bowling Green State University)

Lawrence Robert Smith, Wadsworth
B.S. (Hope College)

Nicholas Raymond Spagnola, Campbell
B.A.

Christopher Stalberg, Columbus
B.A. (University of Pennsylvania)

Craig Michael Stoops, Mt. Vernon
B.A. (Indiana University)

John Michael Surso, Warrensville Heights
B.A. (Case Western Reserve University)

Theophil Thomas Sutton, Toledo
B.S. (University of Notre Dame)

John Thomas Svinarich, Columbus
B.S.E.E. (Carnegie-Mellon University)

David Brian Sweet, Danville
B.A. (Kenyon College)

Jacob E. Teitelbaum, Cleveland
B.A. (Washington University)

Frederick Curtis Tucker, Jr., Newark
B.A. (Denison University)

Terrence George Tuliak, Parma
B.S. (University of Notre Dame)

James Frederick Turner, II, Columbus
B.A.

Andrew David Verrill, Dayton
B.A. (Wittenberg University)

Dennis Alan Vidmar, Cleveland Heights
B.S.

Mark Wesley Vogelgesang, Canton
B.A. (College of Wooster)

Bruce Allison Wall, Columbus
B.A.

Sandra Kay Weaver, Shelby
B.S.

Richard Rudi Webel, Mansfield
B.S.

Douglas Leonard Weed, Columbus
B.S.C.I.S.

Steven Curtis Weissfeld, Cuyahoga Falls
A.B. (Miami University)

Michael Anthony Winslow, Wickliffe
B.S. (John Carroll University)

Thomas Willard Wisconsin, Columbus
B.S. (Florida Atlantic University)

Laura Lee Wolery, Delphos
B.S. (Bowling Green State University)

Stephen John Wolf, Cincinnati
B.S. (Virginia Military Institute)

Wendy Jane Wolf, Cincinnati
B.A. (Denison University)

Alexei Seraphimovich Woronkow,
Cincinnati

B.S.Chem. (University of Cincinnati)

Stephen Allen Yoder, Kidron
B.S.E.E.

Jeffrey Warren Zipkin, Cincinnati
B.A., M.A. (University of Michigan)

Karl Albert Zucker, Toledo
B.S. (University of Toledo)

John Joseph Zulliger, Lima
B.A.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

One hundred and seventy candidates

Andee Alesia Aaby, Canton
Earl Thomas Andrews, Lorain
Darline Marie Arnett, Columbus
Joyce Bajorek, Cleveland
Jane Catherine Baker, Columbus
Darlene Susan Ban, Parma
Angela Ruth Barrington, Stow
Barbara Susan Bova, Cincinnati
Darlene Ann Bozza, Gates Mills
Jennifer Marie Brossman, Cincinnati
Michael George Bruckner, Louisville
Susan Marie Callahan, Roswell, Ga.
Patricia Lynn Carroll, Cincinnati
Cheryl Ann Caserta, Columbus
Judith Ann Caserta, Paulding
Mary Ann Cavagna, Columbus
Cindy Susan Clark, Dayton

* Also Bachelor of Arts, Colleges of the Arts and
Sciences

Gretchen Strickler Clark,
New Martinsville, W. Va.
Jeanne Hifert Clark, Columbus
Carol Diane Clyde, Worthington
Susan Elizabeth Cohen, Kansas City, Mo.
Deborah Sue Connell, Columbus
Diane Becker Corcoran, Columbus
Thomas Michael Covey, South Euclid
Janis Irene Cripe, Columbus
Carol Marie Cunningham, Columbus
Jean Ann Daniels, Springfield
Susan Elizabeth Davault, Orrville
Linda Louise Davis, Coonstock
Jayne Eugene Davis, Perry
Penny Lynn Davis, Wintersville
Susan Katherine Davis, Toledo
Deborah Ferrell Deutsche, Jackson
Rick Steven Devore, Cincinnati
Judy Blankenship DeWalt, Shelby
Jamie Kim Dexter, Nelsonville
Susan Jane Doell, Fairview Park
Linda Marie Doofin, Bedford
Lyn Jessica Downing, Marysville
Carol Lee Dreyer, Tiffin
Sister Jeanette Dufek, H.M., Lorain
Amy Musgrave DuPuis, Toledo
Steven Edsel Easter, Hillsboro
Mary Denise Muffy Eisey, Akron
Debra Jean Endres, Grove City
Lynn Joyce Feldman, Dayton
Katherine Lynn Feltz, Columbus
Thomas Irving Ferguson, Ashland
Pauline Wilson Flecher, Canton
Molly Steen Forrester, Mansfield
Laurel Hill Fruth, Westerville
Thomas Pike Fuller, Huron
Ronita Kay Geckle, Marion
Mary Annette Glassmacher, Gahanna
Paul John Gleason, Sandusky
Colleen Grady, Columbus
Barbara Kay Hansen, Jackson
Kathryn L. Harlan, Painesville
Jill Ann Hausberger, Columbus
Holly Louise Hiner, Ashland
Nancy Marie Hoehn, Delphos
Barbara Ann Hoffman, Amherst
Steven Frederick Hogrefe, Napoleon
Darlene Ann Holland, Leipsic
Karie Robin Humphrey, Keesdsville
Jocelyn Virginia Hunter, Westminster, Md.
Doreen Ellen Inaker, Columbus
Deborah Devo Janovsky, Logan
Edward Michael Jansen, Columbus
William Lee Jauchius, Westerville
Mary Elise Johanson, Cloquet, Minn.
Susan Jablonski Jones, Parma
Jean Mary Kaduk, Lyndhurst
Martha M. Kaput, Cleveland
Susan Michelle Kaufman, Wayne
Rosella Marie Keller, St. Henry
Billie Lou Phelps Khan, Columbus
Karen Marie Klapper, Cincinnati
Sue Ann Klus, Youngstown
Thomas Gregory Knapke, Glandorf
Yeo-Oh Johannes Koh, Sidney
Kathryn Ann Krone, Cincinnati
Candace Marie Lepp, Mt. Gilead
Carol Lynn Levine, Cincinnati
John Ira Lewis, Jr., Steubenville
Diane Marie Lobaugh, Brook Park
Robin LaVern Losego, Cambridge
Janie Lauren Luchini, Bethel Park, Pa.
Paula Lucido, Parma Heights
Diane Kay Lynch, Chillicothe
Vincent Charles Madams, Jr., Sandusky
Susan Halverson Mahler, Columbus
Susan Thomas Main, Columbus
Christine Suzanne Marciniak, Cleveland
Robert W. Mason, Library, Pa.
Elyse Theresa Massey, Columbus
Crispina Ann Mayes, Cleveland
Melinda Susan McCalla, Columbus
Judith Ann McConnell, Lorain
Allison Louise McCoy, West Salem
Gail Ann McGookney, Sandusky
Kathy Ann McLane, Steubenville
Denise Eileen Miller, Columbus

Douglas Robert Miller, Delphos
Scott Stanton Miller, Columbus
Sharon Lynnette Minter, Cleveland
Deborah Ann Monacelli, Euclid
Kevin Brian Moore, Elyria
Jacqueline Moorhead, Canton
Janine Kay Moyer, Centerville
MaryAnn C. Mueller, Delphos
Nancy Louise Mulholand, Columbus
Jean Marie Myers, Kettering
Betsy Ann Niemeck, Brooklyn Heights
Kimberly Ann Nokesine, Bellefontaine
Lessa Diane Nystrom, Mentor
Kathleen Mary O'Connor, Medina
Ella June Ollis, Alliance
A.A. (Mount Vernon Nazarene College)
Johanna Partyka, Lorain
Scott Edward Patterson, Columbus
Suzanne Marie Pischula, Seven Hills
Stephen Stanley Potisuk, Ravenna
Roger Alan Preston, Columbus
Pamela Maureen Quinn, Cincinnati
Katherine Beam Radcliffe, Xenia
Julie Ann Rapp, Columbus
Katherine Teeters Rapp, Portsmouth
Lois Jean Raymond, Lorain
Deborah Catherine Reams, Massillon
Cheryl Chesser Rice, Columbus
Donna Jean Richards, Granville
Paula Sue Roller, Cincinnati
Shelley Rosenfield, Syracuse, N. Y.
Georgia Rosenfeld, Cleveland
Kathryn Elizabeth Roser, Cuyahoga Falls
Bernice Christian Ross, Chatsfield
Donna Dudgeon Rusche, Mendon
Sheila Jane Sacco, Salem
William Emil Schroeder, Parma
Peter Emil Schwager, Spring Valley, Calif.
Marjorie K. Scott, Columbus
Janet Louise Seegers, Princeton, N. J.
Sally Ann Shriner, Columbus
Monica Jo Simon, Versailles
Nancy Carole Sojka, Olmsted Falls
Nancy Jo Squiric, Niles
Linda K. Stallo, Cincinnati
Renée Vera Starrett, Wooster
Karen Steinmiller, Columbus
Karen Ann Suter, Stow
Theresa Lee Swank, Westerville
Debra Gean Swenson, Carmichael, Calif.
Melinda Kay Tribbie, Cambridge
Walter Trissler, Middleburg Heights
Katharine Marie Troph, Lakewood
Diane Lee Vagnoni, San Jose, Calif.
Rita Jo Valentine, Gallipolis
Geraldine Marie Vehr, Cincinnati
Barbara Ellen Wargo, Fairfield
Janet Marie Waugh, Norwalk
Nancy Ann Weber, Columbus
Marianne Tzangas Weiss, Canton
Linda Wendeln, Coldwater
Susan Kay Willett, Kettering
Deborah Ann Wilson, New Waterford
Sandra Leigh Wismer, Framingham, Mass.
Terri Lynne Wolfe, Lyndonville, N. Y.
Mary Catherine Wurm, Tiffin
Linda Sue Zirn, Fremont

Certificate of Nurse Anesthetist

Three candidates

Joy Suzanne Craig, Columbus
Diploma (Mercy Hospital School of Nursing); B.S.
Linda Sue Jones, Cincinnati
Diploma (Christ Hospital School of Nursing)
Roger Mark with Small, Defiance
A.A.S. (Purdue University)

Certificate of Post Baccalaureate Medical Illustrator

One candidate

Gretchen Kruger, Columbus
B.A. (Miami University)

Certificate of Post Baccalaureate Medical Technologist

Four candidates

Cynthia Ann Coles, Zanesville
B.S. (Ohio University)
George Arthur Ginther, Waynesville
B.S.Agr.
Lois Jean Smith, Wintersville
B.S. (University of Oregon)
Irene Marie Sova, Columbus
B.S.

School of Nursing

Bachelor of Science in Nursing

One hundred and sixty-three candidates

Gretchen Keller Adams, Athens
Carol Faye American, Pittsburgh, Pa.
Teresa Suzanne Ball, Ironton
Gerrie Vogt Barnett, Coldwater
Cynthia Louise Barrett, Fairview Park
Carolann Barum, Forest Park
Sandra Elaine Basham, Columbus
Barbara Whitney Bauer, Carey
Janet Diane Bayne, Lorain
Donna Lynn Becker, Columbus
Sylvia Antoinette Bellingier, Lorain
Roseanne Berry, Kettering
Sara Ellen Betz, Gallipolis
Anna Bezruko, Fayette
Kathleen Deborah Bodnarik, Maple Heights
Marie Marie Bolzenius, Columbus
Maria Angela Bonacci, Stow
Marie Denise Bonnette, Coshocton
Therese Elaine Buffington, Auburn, N. Y.
Barbara Ann Buk, Columbus
Deborah Joan Burns, Highland Heights
Linda Ruth Burnworth, Marietta
Timothy Paul Callahan, Lorain
Robertia Louise Cameron, Lima
Linda Karen Cipriani, Lyndhurst
Rebecca Lynn Cochran, Mt. Vernon
Wanda Mae Conkle, Columbus
Virginia Ann Coseriu, Independence
Merilee Rose Costa, Ashtabula
Karen Arlene Croom, Columbus
Debra Marie Cusick, Prospect
Robin Lynne Daniels, Franklin, Pa.
Mary Lynn Dannemiller, Lancaster
Jeanne Beth Davis, Avon Lake
Katrina Lynn Diederichs, Springfield
Barbara Broadfoot Draheim, Lorain
Martha Anne Driessnack, Washington, D. C.
Cynthia Jo Edwards, Columbus
Judy Kay Edwards, Batavia
Janeyce Lynn Egbert, Vandalia
Deborah Jane Eldred, Haledon, N. J.
Tamara Ann Elliott, Garra
Kathleen Jane Engle, Springfield
Patrice Kathleen Enigk, Xenia
Cheryl Lynn Eodice, Dayton
Pamela Noll Frankl, Somerset
Jeanine Ann Frey, Defiance
Linda L. Gaddis, Van Wert
Judith Ann Garard, Columbus
Margaret Joanne Garvey, Ashtabula
Marybeth Gearhart, Kettering
Julie Lynn Geiger, Dayton

Karen Ann Gigliotti, Elyria
 Rebecca Lynn Gonso, Euclid
 Anne Louise Granger, Cincinnati
 Michele Lofink Gray, Newark
 Mary Margaret Grubic, Lorain
 Karen Marie Guenther, Euclid
 Jan Susan Hahlen, Alliance
 Dorothy Davis Hall, Mansfield
 R.N. (Akron General Hospital School of Nursing)
 Martha Jane Hallawell, Canton
 Pamela Lane Haneline, Warminster, Pa.
 Donna Eschner Hanna, Lima
 Tari Lynn Hartley, Columbus
 Gail Laurel Havener, Columbus
 Cheryl Frances Hayes, Kettering
 Marsha Ann Hilier, New Washington
 Christina Ann Holdinsky, Mingo Junction
 Margaret Hadley Hornbostel, Tulsa, Okla.
 Jane Lee Huffman, Old Fort
 Jo Elynn Isenberg, Sandusky
 Karen Shields Jackson, Columbus
 Susan Christine Janik, Youngstown
 Ann Marie Johnson, Greenville
 Roma Faye Johnson, Columbus
 Mary Jo Kaufman, Leipsic
 Mary Lee Keathley, Worthington
 Joan Carol Keith, Marion
 Patricia Ann Keller, Hebron
 Vicki Lynn Kopecka, Tallmadge
 Ann Elizabeth Kramer, Zanesville
 Kathleen Marie Kujanek, Berea
 Dee Arlane Kurfiss, Kettering
 Rebecca Danette Lacey, North Bend
 Mara Jo Lampert, St. Clairsville
 Charles Everett Latta, McComb
 Debra Elaine Lautzenhiser, Hartsville
 Eva Wan Lee, Cleveland
 Barbara Jane Lemley, Belpre
 Claudia Ann LePage, North Canton
 Sheryl Lynn Levy, Dayton
 Leona Conley Lowry, Commercial Point
 R.N. (Holzer Medical Center School of Nursing)
 Mary Theresa Masters, Columbus
 Patricia Kay McCormick, Cuyahoga Falls
 Jeanne Ann McFarland, Athens
 Diane Elizabeth McGee, Streetsboro
 Michelle Yvette McKissick, Columbus
 Rosmarie McMeel, Columbus
 Jackie Inskip Miller, Bellefontaine
 Walter Charles Moran, Columbus
 Barbara Jean Morgan, Shaker Heights
 Ann Marie Murphy, Elyria
 Teresa Irene Murphy, Sunbury
 Beverly Ann Murray, Forest Park
 Brenda Irene Myranti, McComb
 Judith Kennedy Neidig, Columbus
 Karen Denise Nisbet, Columbus
 Lorena Rene Ordonez, Dayton
 Frances Beth Painter, Cincinnati
 Cathy Lynn Perkins, Columbus
 Diane Sue Peters, Harrison
 Annette Louise Phillips, Ravenna
 Laura Jean Phillips, Montgomery
 Sharon Lynn Posey, Eaton
 Elizabeth Kay Pulse, Columbus
 Elizabeth Louise Reese, Richwood
 Jamie Lynn Rhoad, Postoria
 Beth Jane Roepecke, Sidney
 Linda Wright Rogers, Clarksburg
 Randy William Rowe, Urbana
 Patricia Smith Russ, Lakewood
 Susan Louise Schlag, Kent
 Miziel Patricia Schneider, Tulsa, Okla.
 Joylynn Kay Schwind, Fort Clinton
 Karolyln Ann Searle, Marietta
 Virginia Michele Selanik, Warren
 Mary Ellen Severs, Slidell, La.
 Marcia Anne Sewell, Bloomfield Hills, Mich.
 Rebecca Braun Shie, Sidney
 Jacqueline Ann Showen, Cincinnati
 Susan Jane Sibia, Massillon
 Rebecca Lynn Sipes, Burrus
 Elizabeth Ellen Smith, Amsterdam
 Holly Jean Smith, Columbus
 Julie Ann Smith, Piqua

Marilyn Kay Smith, Zanesville
 Josanne Marie Snyder, Tiffin
 Donna Terrie Souders, Hauden
 Melanie Irma Staddon, Kettering
 Cynthia Lee Stahl, Butler
 Susan Marie Stauffer, Parma
 Virginia Kohn Stone, Granville
 Kay Marie Strausser, Ashtabula
 Martha Rose Strayer, Fayette
 Susan Jayne Struckley, Lorain
 Carol Ann Taylor, Piqua
 Anita Margaret Thompson, Chesterland
 Cynthia Louise Tolles, Columbus
 Terri Sue Turner, Dayton
 Dona Gale VanWinkle, St. Louisville
 Rebecca Maria Vigh, Cincinnati
 Linda Daughenbaugh Volpe, Levittown, Pa.
 Linda Louise Waers, Columbus
 Randy Ellen Warner, Columbus
 Nancy Elizabeth Waite, Pepper Pike
 Lisa Jean Wetmore, Canton
 Elizabeth Ann White, North Canton
 Shirley Ann Wichowski, Toledo
 Sally Gail Winters, Rio Grande
 Jan Alice Wiseman, Gallipolis
 Mildred Anderson Woods, Columbus
 R.N. (Columbus Technical Institute)
 Roberta Ann Young, Logan
 Gail Ann Zimmerman, Akron

Richard L. Lockwood, Lancaster
 Sharon Rose Loveland, Chardon
 Jeffrey Matt Magee, London, Ky.
 Jeffrey Kim Martin, Chillicothe
 William Howard McAlister, Ashland, Ky.
 B.S.
 Daniel Lee Meffley, Lima
 Mark Allen Motley, Mansfield
 Michael Louis Pedrotti, Medway
 Clifton Wayne Poling, Marysville
 B.S.Agr.
 Michael John Rader, Columbus
 Jeffrey Alan Rahn, Maderia
 Dennis L. Randolph, Hockingport
 Samuel Leo Reiss, South Euclid
 B.S.
 James Joseph Rocklin, Cincinnati
 Kenneth James Sandker, Monroe
 B.A. (Miami University)
 Neil Francis Sika, Garfield Heights
 Rick Allen Snow, Montpelier
 Stacia Jean Snyder, Bellevue
 B.A. (College of Wooster)
 Diane Lindner Steacy, Columbus
 Lonnie Edward Tope, Paulding
 B.S. (Manchester College)
 *John Randall Vance, Sylvania
 Gary L. Vogel, Belleville, Ill.
 B.A. (University of Iowa)
 Robert Dean Weathers, Westerville
 John Edward Wellman, New Knoxville
 Paul William Wilken, Sandusky
 Roger Lewis Wilson, Reynoldsburg
 B.A.
 David Paul Yaniglos, Youngstown
 B.S.

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Fifty-one candidates

Keith Scott Ames, Massillon
 Joseph T. Barr, Mansfield
 William Henry Bennett, Portsmouth
 B.S.
 Walter C. Betts, Greenville
 Charles E. Bohman, Minster
 Scott Alan Bowser, Springfield
 Andrew Lee Davidson, Tipp City
 Glenn Alan Davies, McKeessport, Pa.
 °Anthony John DeFazio, Puxnutawney, Pa.
 Paul Michael Howd, Cleveland
 Gregory Nicholas Dziama, Lorain
 B.A. (Miami University)
 Steven Eugene Eich, Crestline
 Joel Ezra Enslinger, Jonesville, Mich.
 B.A. (Huntington College)
 Steven Howard Eyler, Shelby
 Alfred Matthew Fife, Wilmington
 Gale Ellen Grabowski, Detroit, Mich.
 B.S.
 Phyllis M. Grimm, Napoleon
 B.S.
 Peter Michael Guster, Orrville
 Lee H. Halsted, Farmington, Mich.
 B.S. (Michigan State University)
 W. Steven Hogue, Oxford
 Timothy Dale Horner, South Webster
 James Scott Howard, Kettering
 B.S. (Bowling Green State University)
 William Henry Jeppe, Jefferson
 B.S.
 Robert Leonard Limbird, Ayersville

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

One hundred and eighteen candidates

Kathy Wilson Abfall, Avon
 Barbara Jo Arue, Girard
 Stephen Gilbert Allen, Chillicothe
 Linda Marie Anderson, Canfield
 David Louis Arditt, Grove City
 B.A.
 Elizabeth Anne Ayers, Geneva
 Peggy Barnes Baker, Wooster
 Joann Del Pizzo Ballengee,
 Garfield Heights
 John Michael Ballengee, Newark
 John Patrick Barickman, Belpre
 Mary Louise Barmann, Springfield
 David Michael Bird, Clinton
 Paul Weirich Boner, Mt. Vernon
 Richard Joseph Bookman, Chardon
 Patricia Ann Bowen, Montpelier
 Paula Louise Brown, Newark
 Betty Joell Buchanan, Grove City
 Cathy Lynn Butler, McDermet
 Jeanette Chen Carr, Cincinnati
 Kathryn Lucille Chelekis, Cambridge

* Also Master of Science, Graduate School

Lori Sue Christianson, Columbus
 Lee David Cohen, Trotwood
 Deborah Louise Cole, Cincinnati
 Thomas James Comstock, Warren
 Victor Brady Craig, Columbus
 Holly Lynn Crist, Rocky River
 Neil Michael Davis, Columbus
 Vincent John DeVito, Jr., Waverly
 Maryann Disenza, Parma Heights
 Kathleen Deborah Donley, Hudson
 Kevin Taylor Dover, Columbus
 Robert Reed Duffy, Wooster
 Barbara Grace Essig, Westlake
 B.A.
 Richard Estes, Miamisburg
 Kimberly Anne Everhart, Lancaster
 Nancy Anne Frank, Canton
 Robert Edward Franz, Columbus
 Bernadette Renee Gerlach, Columbus
 Daniel Charles Gerlach, St. Clairsville
 Raymond John Gingo, Akron
 B.S. (University of Akron)
 James Paul Gluvia, Greenboro, Pa.
 Robert Vaughan Good, Columbus
 Theodore Frederick Good, Logan
 A.B. (Ohio University)
 Dwain Ernest Gracy, New Carlisle
 David Michael Griffin, Lancaster
 Lorelei Linda Grines, Groveport
 Hope Karola Guinn, Martins Ferry
 Ruth Marie Halsey, Willoughby
 Janet Spicer Harmon, Newark
 Lucy Lynette Hawk, Ashland
 Allyson Greashaber Haycox, Marion
 David Charles Hohman, Caldwell
 Kim Leslie Hopkins, Cortland
 Randy Bill Hostetler, Hicksville
 Kristie Taube Huntzinger, West Jefferson
 Gretchen Ann Iler, Coshocton
 Anne Leslie Jaffe, University Heights
 Peter Martin Johnson, Akron
 Frank Walter Kaponica, Jr., Elyria
 Mark Purdum Keckler, Canton
 Karen Denise Kern, Westlake
 Edward Stephen King, Columbus
 B.A.
 Charles Victor Kneue, Wapakoneta
 B.S.
 Richard James Kozan, Euclid
 Kim Ralph Kupper, Hamilton
 Michael David Kuzmik, Akron
 B.S. (University of Akron)
 Kenneth Lai, Brooklynn, N. Y.
 Fred Spencer Lefkovich, Cleveland
 Dirk Alan Lehew, Lancaster
 Steven Michael Lerch, Hilliard
 Michael Allen L'Hommedieu, Grafton
 Stephen J. Linder, Wapakoneta
 Sharon Eileen Lust, Nevada
 Jennifer Lee Lyon, Columbus
 Thomas Richard MacGregor, Worthington
 B.S.
 William Lehr Maholm, Dover
 Bradley Ross Main, Rocky River
 David Marsolo, Struthers
 Ellen Joyce Matlin, Freehold, N. J.
 Russell Alger McBride, III, Mt. Gilead
 Jeffrey Bruce McMillan, Mt. Vernon
 Janet Ann Medwid, Lexington
 Margaret Mary Mehicic, Garfield Heights
 B.S. (Case Western Reserve University)
 Kathryn Rose Miller, Canton
 Nancy Ellen Misel, Wyckoff, N. J.
 Ricky Lou Moss, Cleveland Heights
 Robert Alan Mottice, Canton
 Kathleen McDougall Neal, Dayton
 Jay Allen Nesbit, University Heights
 John Joseph O'Connell, North Olmsted
 Cynthia Norris Olesnanik, Columbus
 Beth Ann Olszeski, Hartsville
 Deborah Lee Penrod, Indiana, Pa.
 Cheryl Ann Piercy, Wickliffe
 David Leslie Porter, Columbus
 Denise Marie Ragaji, Barberton
 Gary Curtis Rauchenbach, Canton
 Ava Ilona Relle, Columbus
 Harold Gregory Rickabaugh, Columbus

Robert Allen Ronevich, Dillonvale
 William Edward Ruth, Jr., Columbus
 Robert Mark Schafer, Canton
 Richard Jack Scholz, West Salem
 William Francis Sheridan, Lancaster
 Steven Allen Shipper, Columbus
 Phyllis Anne Sims, Lancaster
 Mark Alan Sirgo, Canton
 Robert Raymond Smith, Jr., Proctorville
 John Joseph Stanek, Euclid
 Greg Francis Stockwell,
 Washington C. H.
 James Leland Swearingen, Belpre
 Susan Goldstein Tannenbaum, Columbus
 Thomas Neil Taylor, McDonald
 Roger Jeffery Vowell, Hilliard
 B.A. (Ohio Northern University)
 Charles Frederick Wheeler, Jr., Warren
 B.A. (Hiram College)
 Richard Powers Williams, Youngstown
 Robert John Yane, Youngstown
 A.B. (Youngstown State University)
 Karen Ann Zimmerman, Akron

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Forty-three candidates

Stephanie Lee Allen, Endwell, N. Y.
 Linda Sue Atherton, Kettering
 Deborah Nancy Bassinger,
 Ballston Lake, N. Y.
 Richard Joseph Bender, Akron
 Deborah Elizabeth Billy, Medina
 Kelly Dietrich Chambers, Columbus
 Sandra L. Chambers, Circleville
 Shelton James Collier, Columbus
 Beth Renee Copham, McDonald
 Robyn Sue Dickson, Canton
 Terri Fahndrich, Warren
 Melva Beth Ervin Fout, Wellston
 Sarah Elizabeth Gaul, Chillicothe
 Katherine Ann Goodie, Conneaut
 Catherine Ann Hake, Columbus
 Cheryl Ann Harper, Malta
 Martha Jane McConnell Harris,
 Columbia, Mo.
 Thomas Albert Henry, Fremont
 Cathye Elaine Huffman, Chillicothe
 Cynthia Diane Jordan, Cincinnati
 Kathleen Ann Kennedy, Newark
 Margaret Lynn Knight, Shaker Heights
 Charles E. Komp, Jr., Canfield
 Wendy Hope Kropf, East Meadow, N. Y.
 Karen Kuehn, Parma Heights
 Druann Kay Kuenning, Celina
 Janis Claire Light, Girard
 Deborah Lynn Mackrell, Rocky River
 Cynthia Bruce Mann, Delaware
 Sharon Denise Moore, Columbus
 Elaine Marie Nolan, Akron
 Karen Sue Paoletti, Columbus
 Linda Lou Price, Columbus
 Holly Joy Renner, Dalton
 David Richard Rowlands, III, Medina
 Julie Ann Schisler, Canton
 Terry Joe Scott, Shelby
 Judith Catherine Stets, Niles
 Frank Walter Stoy, Webster, N. Y.
 Donna Lynn Webb, Groveport
 Debra Ann White, Youngstown
 Leslie Ann Williams, Avon, Conn.
 Dennis Alwyn Wilson, Belle Center

College of Veterinary Medicine

Dean: C. Roger Smith

Doctor of Veterinary Medicine

One hundred and thirty-two candidates

Dianne Elwell Adams, Annapolis, Md.
 B.S.; M.S. (University of Maryland)
 Barry Michael Adler, Millburn, N. J.
 B.S. (Rutgers University)
 Mark Allan Armfelt, Bedford Heights
 Ann Leona Baker, Wapakoneta
 Richard Alan Barr, Ashville
 B.S. (Ohio University)
 Richard Michael Bednarski, Maple Heights
 B.S.Agr.
 Scott Darrell Bennett, Lebanon, Tenn.
 Leonard Berk, Akron
 Keith Daniel Bingham, Akron
 B.A. (Northwestern University)
 David Eugene Brinkman, Greenview
 B.S.Agr.
 David Kenneth Brown, Cincinnati
 David Winston Brown, Lakeside
 B.A. (Miami University)
 Michael Eugene Bruestle, Cincinnati
 B.S. (University of Kentucky)
 Mary Jane Bryner, Tiffin
 Laura Beth Bucklan, South Euclid
 William Jay Burlingame, Akron
 Wade Robert Burrington, Brook Park
 B.S. (Ashland College)
 Warren Perry Campbell, Somerset, Va.
 B.S. (Virginia Polytechnic Institute and
 State University)
 Sharon Neilson Cargo, Chillicothe
 B.S.Nutrition
 Brooks Cash Carter, Jackson, Tenn.
 A.S. (Jackson State Community College);
 B.S. (University of Tennessee)
 William Joseph Carter, Trenton, N. J.
 B.S.Agr. (Oklahoma State University)
 Frederick Claude Claugus, Barnesville
 Steven Roger Close, Baltic
 B.S.Agr.
 Charles Lee Cobbs, Jr., Delaplane, Va.
 B.A. (Bridgewater College)
 Julia Jamison Coleman, Minneapolis, Minn.
 B.S. (University of Minnesota)
 Donald Lee Collins, West Portsmouth
 B.S.Agr.
 James Robert Cook, Jr., LaRue
 B.S.Agr.
 Merrily Paige Cord, Cincinnati
 B.A. (Miami University)
 Patrick James Cryan, Westerville
 B.S.Agr.
 David George Davidson, Cincinnati
 B.S. (University of Cincinnati)
 John Charles Donovan, Worthington
 B.S. (United States Military Academy)
 Marilyn Blum Donovan, Cincinnati
 Robert Gary DuBois, Takoma Park, Md.
 B.S. (University of Maryland)

- Timothy Joseph Early, Kettering
 Michael Joseph Endrizzi,
 Parkersburg, W. Va.
 B.S. (West Virginia University)
- Anthony Joseph Evangelista, Campbell
 B.S.Eng. (Brown University)
- Jo Anne Fassbender, Columbus
- Malcolm Lee Finney, Marshallville
 B.S.Agr.
- Brian William Forsgren, Lakewood
 B.S. (Georgetown University)
- †Tony Marlin Forshey, Caldwell
- Thomas David Frew, Cadiz
 B.S.Agr.
- John Rodgers Garton, JaneLew, W. Va.
 B.S. (West Virginia University)
- Douglas Glenn Gates, Columbus
 B.A. (Lipscomb College)
- Cathy Lou Graber, Toledo
- Ira Lee Grayson, Columbus
- Joseph Michael Griffith, Columbia, Ky.
 B.S. (Western Kentucky University)
- James Thaddeus Grizinski, Kettering
- Ronald E. Gutter, University Heights
 B.S.Nutrition
- Gary Haigh, Columbus
 B.S.
- Kathryn Ann Hall, Ashland, Ky.
 B.S.Agr.
- Robert Lynn Hall, Bay Village
- Stephen Paul Hartz, Shelby
 B.S.
- Douglas Jay Hasbrouck, Hudson
- Ronald E. Hirschberg, Cincinnati
 B.A. (Case Western Reserve University)
- Morris Mitchell Homan, Jr.,
 Franklin, W. Va.
 B.S. (West Virginia University)
- Walter Irvin Horne, Columbus
 B.S.
- John Allan Edgar Hubbell, Lima
- Ronald Richard Huitger, Cincinnati
 B.B.A. (University of Cincinnati)
- David Howard Hunter, Beverly
- Charles Arthur Jamison, Bay Village
- Daniel Lee Jarboe, Montpelier
 B.S.Agr.
- Kevin Bruce Jeffers, Mt. Victory
 B.S.Agr.
- John Thomas Kasmersky, Columbus
 B.A. (Washington and Jefferson University)
- †Marc Stephen Katz, Kensington, Md.
 B.S. (University of Maryland)
- Don Mark Keister, Ashland
- Kevin Dale Ketring, Fairborn
- Lynn Warren Kramer, Hilliard
 B.A. (Otterbein College)
- Emma Jane Lackey, Murfreesboro, N. C.
 B.S. Zoology (North Carolina State
 University)
- Vyvian Charlene Lawrence, Cincinnati
 B.M. (University of Cincinnati)
- Michael Thomas Lee, Chagrin Falls
 B.S.Agr.
- Mark Edward Lewers, North Canton
 B.A. (Kent State University)
- Roger Glenn Litchfield, Ashtabula
- David Wayne Long, Columbus
 B.S.Agr.
- James Martin Losey, II, Winter Haven, Fla.
 B.S.Agr. (University of Florida)
- Rosemarie Mador Losey, Winter Haven, Fla.
 B.S.Agr. (University of Florida)
- Gregg Lozanoff, Toledo
 B.S. (Grove City College)
- Ronald Lyman, Euclid
- Andrew James Malinoski, Kirkersville
 B.S. (Ohio Northern University)
- Richard Joseph Maraziti, Boonton, N. J.
 B.S. (University of Delaware)
- Ingrid Emma Maria Louisa Marien,
 Middletown
 B.A. (Miami University)
- John Michael Martin, Wadesboro, N. C.
 B.S. (North Carolina State University);
 A.S. (Wingate College)
- David James McCoy, Washington C.H.
- Susan Cunningham McKenna,
 Goffstown, N. H.
 B.S. (University of New Hampshire)
- Patrice Joan McMahon, Willowick
 B.S.
- Deborah Mallu McMichael,
 West Palm Beach, Fla.
- Lawrence Elmer Mezza, Athens
 B.A. (Marietta College); M.S. (Ohio
 University)
- Francis Bruce Mills, Gainesville, Fla.
 A.A. (University of Florida)
- Richard Hugh Mitchell, Eaton
 A.B. (Miami University)
- John Curtis Mossbarger, Bloomingburg
 B.S.Agr.
- John Curtis Munsell, Columbus
- Jack Lee Musgrave, Columbus
 B.S., M.S.
- Kathleen Annette Nelson, Westerville
 B.S.Agr.
- Earl John Neltner, Cincinnati
- †Ira Stuart Niedweske, Westfield, N.J.
 B.S. (Delaware Valley College)
- Richard George Orozco, Lorain
 B.S.
- Michael Paul Pavlick, Chagrin Falls
 B.S. (Kent State University)
- Timothy David Phillips, Springfield
 B.S.Agr.
- Patricia Alice Pinkham, Apollo Beach, Fla.
- Jonnie Elyse Quantz, Columbus
 B.S.
- Alton Francis Raymond, Columbus
 B.S.Agr.
- Charles Franklin Reed, Fairfield
- Alvin Daryl Rickard, Owensboro, Ky.
- Vickie Hudson Rickard, Columbus
 B.S.Agr.
- Patrick Joseph Riley, Bedford
 B.S.Agr.
- Thomas Edward Ritchie, Highland Heights
 B.S.Agr.
- Boley John Rog, Lakewood
 B.S.Agr.
- Jennifer Louise Rojko, McLean, Va.
- Hardin Edward Rubin, Live Oak, Fla.
 B.S. (Florida State University)
- Larry Dale Sands, Columbus
 B.S.Agr.
- Joseph Michael Scimeca, Jr., Maple Heights
 B.S. (John Carroll University)
- David Michael Sherman,
 North Babylon, N. Y.
 B.A. (Antioch College)
- Susan Karas Sieben, Columbus
 B.S.Ed.
- Robert Ramsey Smith, Columbus
 B.S.Agr.
- Klobia Gunter Spencer, Bowie, Md.
 B.S. (Duke University)
- Carol Ann Spillers, Covington
 B.S.Agr.
- Robert Raymond Steckel, Byesville
 B.S.Agr.
- Kim Stevelt, Marysville
 B.S.Agr.
- Duane Charles Stewart, Hudson
 B.S.Agr.
- Douglas William Stone, Cincinnati
 B.S.Agr.
- Martha Eloise Styles, Black Mountain, N. C.
 B.S.Occ.Theor. (Washington University)
- Todd Richard Tams, Toledo
- Gary Lee Topp, New Bremen
 B.S.Agr.
- Richard Zinn Vesper, Columbus
- Lawrence Arthur Watts, Columbus
 B.A. (Hanover College)
- David Graham Webster, Chardon
 B.A. (University of Vermont)
- David Marshall Williams, Beckley, W. Va.
 B.S. (West Virginia University)
- Peter Jerome Wilson, Toledo
- Marilyn Josephine Wolfe, Masury
 B.A. (DePauw University)
- Sheldon Zane Yessenow, Lima
 B.A. (Ohio Northern University)
- Sandra Anne Yetson, Parma
- Thomas Scott Yost, St. Albans, W. Va.
 B.A. (West Virginia University)
- Philip Michael Zack, Zanesville
 B.A.

1 Also Bachelor of Science in Agriculture, College of
 Agriculture and Home Economics

2 Also Master of Science, Graduate School

GRADUATES WITH HONORS

Summa Cum Laude

Susan Leslie Albert, Sandusky
 Bonita Gae Alexander, Rittman
 Jeffrey Jay Andrey, North Olmsted
 Charles Michael Banbury, Glenmont
 Mark Brandy Barnes, Springfield
 Roger Paul Beck, Columbus
 Donna Lynn Becker, Columbus
 Chris Alan Bendielli, Portsmouth
 Janet Kay Bickle, Newark
 Betty Ellen Black, Worthington
 David Paul Bohne, Parma
 Barbara Fisher Bott, Youngstown
 John Lester Boylan, Delaware
 Susan Diane Braun, Cincinnati
 Dale Thomas Brinkman, Worthington
 Joan Elizabeth Bronkala, Berea
 David Kenneth Brown, Cincinnati
 Douglas Alan Brown, Arcanum
 Mark Allan Brown, Flushing
 Cathy Lynn Butler, McDermott
 Raul Chabali, Dayton
 William David Chambers,
 Huntington, W. Va.
 Mark Steven Coco, Alliance
 Diane Becker Corcoran, Columbus
 Douglas Jay Cosler, Xenia
 Bernard William Cummiskey
 Columbus
 Nancy Holman Dawson, Columbus
 Dana Sue Dodswoth, Columbus
 Christine Marie Doersam, Columbus
 Marcia Lyn Donaldson, Kettering
 Carol Lee Dreyer, Tiffin
 Marvin Isaac Droz, Dayton
 Jeff Douglas Drushal, Wooster
 David William Easterday, Elyria
 Dean Carl Easton, Columbus
 Donna Bruce Ertley, Cuyahoga Falls
 Jill Annette Fetters, Washington C.H.
 Melva Beth Ervin Fout, Wellston
 Rory John Galter, Cleveland
 Michael Anthony Garcia,
 Middleburg Heights
 Chrisanne Gordon, Poland
 Susan Elizabeth Grimm, Vincent
 Dale Coleman Gyure, Marion
 Dorothy Davis Hall, Akron
 Michael Edward Hall, Columbus
 Robert Lynn Hall, Bay Village
 Dale Allan Heisler, Columbus
 Ella Effingham Helmick,
 Huntington, W. Va.
 Diane Marie Hennacy, Columbus
 Mary Kriebel Hoefler, Columbus
 Nancy Elaine Horner, Swanton
 Amy Ka-Mei Hsu, Columbus
 Helga Katharina Huddle, Columbus
 Lisa Ann Hugus, Toledo
 John Robert Hupp, New Philadelphia
 Grace Lee Jenkins, Columbus
 Brenda Sue Johnson, Newark
 Paul Milton Kalmbach,
 Upper Sandusky
 Karen Marie Kline, Springfield
 Sue Ann Klus, Youngstown
 Lauren Elaine Knowles,
 Cleveland Heights
 Suzanne Kolarik, Columbus
 John Wendel Kozak, Zanesville
 Susan Eppley Kozak, Zanesville
 Gregory Thomas Krause, Columbus
 Deborah Leslie Kullman, Norwalk
 Sara Ann Leach, Pittsburgh, Pa.
 David Marsolo, Struthers
 Jennifer Julien Mathias, Columbus
 James Eugene Maxfield, Cincinnati
 Jeffrey Barton McClure, Columbus

Sue Ann McConnell, Dennison
 Jeffrey Michael McHugh,
 Temperance, Mich.
 Michael Joseph Meaney,
 Cleveland Heights
 Mark David Mellman, Dayton
 Jeanette Marie Meluch, Lorain
 Scott Henson Merryman, Worthington
 Steven Lee Metzger, Shelby
 Robert William Micsak, Lorain
 Christine Ann Murnane, Columbus
 Richard Eugene Myers, Bloomville
 John Franklin Neale, III, Columbus
 Steven Donald Nelson, Rocky River
 Marvin Jay Newell, Norwalk
 Diane Marie Olexa, Independence
 Randall Brendt Palmer, Urbana
 Fran Efrosyni Pantelides, Canton
 James Allen Pence, Bay Village
 Lawrence Thomas Piergallini,
 Dillonvale
 Neil Linn Pooler, Dayton
 Stephen Kent Powers, Columbus
 Scott Martin Presson, Cleveland
 Barbara Jean Rader, Pandora
 Catherine Gordon Raines, Columbus
 Katherine Teeters Rapp, Portsmouth
 Jamie Lynn Rhoad, Fostoria
 Curtis Lee Robson, Reynoldsburg
 Linda Wright Rogers, Clarksburg
 Rebecca Ann Sandkuhl, St. Marys
 Linda Jane Sheppard, Parma
 Jerri Kay Smith, Pasco, Wash.
 Margaret Cope Sommers, Columbus
 Thomas Eric Sperling, Whitehouse
 Craig LeRoy Streett, Columbus
 Michael Dennis Sullivan, Batavia
 Michael Peter Tanoury, Zanesville
 Edna Tennenbaum, Columbus
 Jonathan David Thomas, Columbus
 Thomas Lee Thomas, Lexington
 Lynn Alan Thompson, Uniontown
 Virginia Reed Thompson, Botkins
 Sarah Jane Thorp, Granville
 Loretta Rhodes Vaas, Upper Sandusky
 David Harrison Wells, Jr., Findlay
 Julie Karen Weyl, Columbus
 Thomas Willard Wisenbaugh,
 Columbus
 Dennis Patrick Witherell, Toledo
 Gail Ann Zimmerman, Akron
 Gary Lee Zimmerman, Wooster

Summa cum laude with distinction in
 Agricultural Economics

Gay Yvette Miller, Lakeview

Summa cum laude with distinction in
 Comparative Literature with honors in
 the Liberal Arts

Monique Valerie Quesada, Columbus

Summa cum laude with distinction in
 Entomology

Mark Richard Miller, Columbus

Summa cum laude with distinction in
 Horticulture

Marcia Jean Cotrone, Canal Winchester
 Mary Cecelia Drury, Waterville
 Timothy Allen Prince, Dover
 Robert Rocco Tripepi, Mentor

Summa cum laude with distinction in
 Horticulture and Agricultural
 Education

Barbara Joan Lake, Novelty

Summa cum laude with distinction in
 Nutrition

David Warren Tobelmann, Rocky River

Summa cum laude with distinction in
 Political Science

Richard Mark Schottenstein, Columbus

Summa cum laude with honors in the
 Liberal Arts

Randal Aaron Hauck, Columbus

Cum Laude

Dianne Elwell Adams, Annapolis, Md.
 Kristine Elaine Akins, Marysville
 Karin Marie Alverson, Cincinnati
 Julie Helaine Ames, Thiensville, Wis.
 David Leigh Amrine, Marietta
 John Richard Arend, Cincinnati
 Robert Claude Armstrong, Toledo
 Jan Scott Augenstein, Columbus
 Shawn E. Bailie, Cadiz
 Deborah A. Ballam, Mt. Vernon
 Kathy Talbott Barker, Columbus
 Cynthia Louise Barrett, Fairview Park
 Roberta Yoder Bavy, Columbus
 Rebecca Sue Beckett, Dayton
 Theodore West Beidler, Avon Lake
 Nancy Elaine Belville, Delaware
 Dee Alan Bennett, Grove City
 Richard Mark Andrew Berger,
 Palos Verdes, Calif.
 Janice Leigh Berry, Columbus
 Lee A. Biblo, Cleveland Heights
 Sheri Lipson Bidwell, Columbus
 Katherine Lee Black, Columbus
 Marvin William Bohm,
 University Heights
 John Joseph Botti, Columbus
 David Mark Boulden, Columbus
 Keith Edison Bowers, Troy
 Paul Frederick Bradford, Minford
 Ann Ruth Bremser, Worthington
 Susan Dianne Brohard, Westerville
 Dennis Edward Brown, Owensville
 Jody Lynn Brown, Terrace Park
 Anthony John Bruegge, Cincinnati
 Mary Jane Bryner, Tiffin
 George Alexander Buford,
 Worthington
 Donna Lee Burian, Trotwood
 Janet Rose Burnside, Cleveland
 Marilyn Turner Burton, Grove City
 Richard George Burton, Cincinnati
 Robert Paul Campbell, Columbus
 Michael Hiram Carpenter,
 Huntington, W. Va.
 Patricia Lynn Carroll, Cincinnati
 Kathryn Lucille Chelekis, Cambridge
 Paul Kim Ho Chu, Columbus
 Flora Church, Berlin Heights
 Gretchen Strickler Clark,
 New Martinsville, W. Va.
 Kenneth Alfred Clark,
 East Palestine
 Cheryl Lynn Conrad, Marysville
 Laurie Jean Converse, Lima
 Elaine Hartley Cook, Mansfield
 John Webster Cook, Granville
 Gene Alan Coupland, Blacklick
 Jeanne Marie Cutting, Alexandria, Va.
 Eugene William Dahl, Garretttsville
 James Richard Daly, III,
 Thomwood, N. Y.
 Robert Peter Damore, Youngstown
 Matthew Edwin Dangel, Wadsworth
 Mark Edward Davanzo, Youngstown

Joel Kim Dayton, Ogden, Utah
 Cheryl Johns DeBoard, Columbus
 Richard del Monte, Hollywood, Fla.
 Elizabeth Masters Dennis,
 Richmond, Va.
 Anthony Charles DeVuono,
 Philadelphia, Pa.
 Marcia Lyn Donaldson, Kettering
 Kathleen Deborah Donley, Hudson
 Paul Michael Dowd, Cleveland
 Kathryn Drew, Columbus
 Floyed J. Duncan, Jr., Richmond, Va.
 Amy Musgrave DuPuis, Toledo
 Stephen John Durtko, Campbell
 Larry Paul Ebert, Sandusky
 Christa Joy Edwards, Hillsboro
 Cynthia Jo Edwards, Columbus
 Donald Edwards, Columbus
 Gregg Michael Emrick, Dayton
 Sandra Sue Evans, Columbus
 Stephen Jerome Fagel, Cincinnati
 Lisa Roxanne Fallen, Fairfield
 Walter Cecil Ferris, Georgetown
 James Edwin Finn, Amelia
 Brian Allan Fiske, Tiffin
 Russell Thomas Fling, Columbus
 S. Theodore Ford, Jr., Columbus
 Wilbur Glenn Forrester, Columbus
 Manuel Anthony Francisco,
 Jersey City, N. J.
 Nancy Anne Frank, Canton
 Francis Ambrose Fregiato,
 Martins Ferry
 Ernest Roko Gaal, Canal Winchester
 Judy Lynn Gallo, Wooster
 Richard P. Gangwish, Cincinnati
 Stephen Henry Garipey, Cleveland
 Christopher James Gay, Columbus
 Glenn Anthony Gentile,
 Columbia Station
 Daniel Charles Gerlach, St. Clairsville
 Joseph Anthony Gerling, Columbus
 James Walter Gibson, Jr., Kettering
 Judy Anne Gilbert, Columbus
 Jeffrey Lynn Gilmore, North Canton
 Patrick Joseph Goebel,
 Fond du Lac, Wis.
 Geoffrey Glenn Gontter, Berlin
 Robert Vaughan Good, Columbus
 Michael M. Gordon, Marion
 Gaile McCargo Graves, Worthington
 Daniel Frank Green, Upper Sandusky
 David Allen Green, West Chester
 Anne Marie Grenier, Worthington
 Jill Teresa Grimes, Orrville
 Cindy Lee Grimes, Columbus
 Charlene C. Grise, Ware, Me.
 Leslie Frank Gunzenhauser, Toledo
 John Carl Gurley, Fairport Harbor
 Deborah Jean Guyot, Rocky River
 Linda Candel Haas, Marion
 Roger William Haas, Cuyahoga Falls
 David Lee Hall, Columbus
 Linda Diane Hamman, Columbus,
 Pamela Lane Haneline,
 Warminster, Pa.
 Randal Martin Hardesty, Wooster
 Kathryn Wyles Harhager, Newark
 John Harper, Columbus
 Doyle Edwin Hartman, Elida
 Susan Cynthia Hayest, Cadiz
 Jeffrey Lloyd Hayman, Steubenville
 Carol Lee Headlee, Dublin
 Todd Edward Hepp, Cincinnati
 Linda Pearl Herp, Willowick
 Randall James Heydinger, Attica
 Kurt Edward Heyman, Norwalk
 Georganne Reid Higgins, Cleveland
 Kim Curtis Hippensteel, Findlay
 Brian Farson Holmes, Galloway
 Patrick Michael Holt, Chardon
 Edward Jude Honton, Columbus

Gail Ann Hoodlebrink, Wayne
 Walter Irvin Home, Columbus
 John Allan Edgar Hubbell, Lima
 David Mitchell Huddleston, Portsmouth
 Karen Marie Hurtt, Chillicothe
 Tim E. Ihle, West Chester
 Gretchen Ann Iler, Coshocton
 Karen Shields Jackson, Columbus
 Gilbert Jean Jacobs, Bergenfield, N. J.
 William Wallace Jenkins, Columbus
 David Eric Johnson, Cuyahoga Falls
 William Martin Joliat, Uniontown
 Deborah Jones, Columbus
 Susan Jablonski Jones, Parma
 June Fay Kaiser, Urbana
 Martha M. Kaput, Cleveland
 Christos Karabinas, Garfield Heights
 Gary Steven Kays, Cincinnati
 Carroll Sue Keith, London
 Kenneth Jack Kies, Cuyahoga Falls
 Michael Lee Kitchen, Urbana
 Karen Marie Klapper, Cincinnati
 Larry George Klcó, Perry
 Thomas Frank Klose, Xenia
 Jerome E. Klosterman, Cincinnati
 Charles Frederick Koch, Van Wert
 Paul Ignatius Kolaric, Cleveland
 Richard James Kozan, Euclid
 Karen Lee Kramer, Beaver Creek
 Thomas Dean Lammers, Celina
 Randy Edward Lawrence, Marion
 Frederick Jay LeFevre, Springfield
 Rosalyn Jean Lehman, Mt. Cory
 Jeffrey Karl Leibforth, Hamilton
 Nels Robert Leininger, Columbus
 Claudia Ann LePage, North Canton
 Bonita Gline Lesnik, Columbus
 David Joel Levoff, Columbus
 David Alexander Lindsay, Danville
 Rosemarie Mador Losey,
 Winter Haven, Fla.
 Bruce Roy Lowry, Columbus
 Leona Conley Lowry,
 Commerical Point
 Ruth Thomas Lucy, Mansfield
 Sharon Eileen Lust, Nevada
 Joan Sullivan Magner, Columbus
 John Wesley Main, Jr., Columbus
 Ann R. Margerum, Chagrin Falls
 Christine Marie Martin, Lakewood
 Patricia Ann Mauer, Bellaire
 Richard Scott McCabe, Columbus
 Kevin Robert McDermott,
 Youngstown
 Jon Robert McMannis, Cuyahoga Falls
 Deborah Mallu McMichael,
 West Palm Beach, Fla.
 Anthony C. Meldahl, Granville
 Karen Marie Metzner, Dayton
 Robert Lynn Miller, Fayette
 Joseph Andrew Molnar, Akron
 Mary Virginia Moor, Columbus
 Curt Ray Moore, Westerville
 Richard Russell Morris, Westerville
 James Russell Murrin, Fairborn
 Jean Marie Myers, Kettering
 Betsy Ann Niemiec, Brooklyn Heights
 Eric William Noderer, Columbus
 Elaine Marie Nolan, Akron
 Cathy Ann Norris, Ironton
 Thomas John Odenwalder, Columbus
 William Lee Orsborn, Mt. Vernon
 Mark Osterheld, Worthington
 Frederic Paul Oyaski, Euclid
 Joseph Robert Panzel, Muskegon, Mich.
 Julia Ann Parkinson, Genoa
 Linda Canning Pearson, Mansfield
 Donald Jay Pettit, Greenwich
 Marilyn Sue Pifer, Shelby
 Daniel John Pipoly, Poland
 Melissa Jo Police, Wadsworth
 David Leslie Porter, Columbus

Paul V. Preckel, LaVale, Md.
 Jeffrey Richard Preston, Newark
 Steven Michael Quack, Columbus
 Pamela Maureen Quinn, Cincinnati
 Frank Edward Rabe, Columbus
 Lyn Seehausen Racz, Columbus
 Daniel H. Raess, Cuyahoga Falls
 Arthur Joseph Ranz, Cincinnati
 Dale Kirk Reash, Columbiana
 Louis Recher, Geneva
 Alan Roger Reed, Hamilton
 Constance Whyte Reinhard, Amherst
 Jane Page Relyea, Galion
 Phyllis Ann Reynolds, Wayne
 Mark Raymond Riegel, Lancaster
 Daniel Osgood Roe, Washington, Pa.
 Beth Jane Roepcke, Sidney
 Jennifer Louise Rojko, McLean, Va.
 John David Ronshagen, Milford, Conn.
 Marla Ann Rose, Quincy
 Kathryn Elizabeth Roser,
 Cuyahoga Falls
 Woodford Gregory Rowland,
 Cincinnati
 James Anthony Rubino, Columbus
 Patricia Smith Russ, Lakewood
 Stewart Douglas Ryckman, Mansfield
 Louise Ann Sabol, Euclid
 Diana Deam Sanders, Columbus
 Steven Joseph Saul, Columbus
 David Paul Schelat, Marietta
 Antonette Schlesinger, Medina
 Alice Carolyn Schmitt, Grove City
 Timothy Allen Seltz, Pemberville
 Martin Stanley Schult, Columbus
 Karen Jean Shank, Springfield
 AnneMarie Shirkey, Columbus
 Carl Wheeler Shye, Lexington, Ky.
 Cathy Rahn Slaughter, Columbus
 Gary Michael Smith, Columbus
 Douglas Alan Snyder, Columbus
 Josanne Marie Snyder, Tiffin
 Klobia Gunter Spencer, Bowie, Md.
 Nancy Lou Sponseller, Columbus
 Michael Nicholas Stamas, Dayton
 Susan Laura Stancel, Tiffin
 David Harry Starkey, Dublin
 Kathy Bradford Starner, Zanesville
 Diane Linder Steacy, Columbus
 Kevin Stanley Stephens, Jacobsburg
 Mitchell Alan Stern, University Heights
 Jeffrey Todd Sterrett, Kenton
 Keith Allen Stickle, Laura
 Virginia Kohn Stone, Granville
 Donald Eugene Strayer, Elida
 Robert Bruce Sullivan, Columbus
 Theophil Thomas Sutton, Toledo
 John Thomas Svinarich, Columbus
 Joe F. Swincher, Columbus
 Jeffrey Allan Sykes, Columbus
 Philip Neil Tague, New Lexington
 Nan Sue Teitelbaum, Bellbrook
 David Lewis Thaman, Lima
 James Patrick Thomas, Columbus
 Jeffrey Crawford Thomas, Columbus
 Michael Joseph Thompson, Canton
 Valerie Alane Thorn, Bay Village
 Russell Gary Tisman, Hicksville, N. Y.
 Virginia Marie Trethewey, Gambier
 John Michael Trimmer, Marion
 Andrew David Verrill, Dayton
 Dennis Alan Vidmar, Cleveland Heights
 David Leonard Vorherr, Cincinnati
 Valerie Jo Jenkins Vulgamore, St. Paris
 Edward Philip Walker, Oregon
 Connie Sue Wallace, Elida
 Christopher James Warner,
 Wilmington, Del.
 Anna Oney Webb, Crestline
 Timothy Richard Webber, Grafton
 Kevin Paul Weber, Columbus
 Nancy Ann Webber, Columbus

Mark Allyn Westhafer, Dayton	With distinction in Agricultural Economics	With distinction in History of Art
Steven Sanford Wexberg, Cleveland		Isobel Ojalvo, Columbus
Joan Elizabeth Wheeler, Centerburg	Larry Dennis Embree, McConnelsville	With distinction in Horticulture
Elizabeth Ann White, North Canton	Martin Eugene English, Tipp City	
John Craig White, North Canton	Eddie Dean Everman, Troy	Patricia Jeanne Spohn, Columbus
John Timothy Wiedemann, Norwalk	John Mark Grove, Shelby	
Susan Kae Willert, Kettering	Samuel Lee Raber, Stonecreek	With distinction in Medical Technology
Jill Susan Williams, Columbus	Timothy Allen Short, Archbold	
Leslie Ann Williams, Avon, Conn.	With distinction in Agricultural Education	Karie Robin Humphrey, Reedsville
Lisa Kay Williams, Circleville		Katharine Marie Troph, Lakewood
Tracy Anne Williams, Mansfield	Samuel Ellis Jenkins, Columbus	With distinction in Medieval Renaissance Studies
Ann Edmunds Wilson, Dayton		Laura Ann Dolan, Columbus
Deborah Ann Wilson, New Waterford	With distinction in American Studies with honors in the Liberal Arts	With distinction in Microbiology
Peter Jerome Wilson, Toledo	Randall Duane LaTour, Columbus	David Alan Clayman, Columbus
Wendy Jane Wolf, Cincinnati	With distinction in Animal Science	With distinction in Music
Marilyn Josephine Wolfe, Masury	Helen Georgeson Allarding, Fairview Park	Lee Murlyn Strawn, Mansfield
Nancy Louise Wonacott, Toledo	Roni Sue Kersey, Wilmington	With distinction in Physics
Susan Rosalie Wurtzler, Cincinnati	With distinction in Anthropology	Kevin David Cummings, Columbus
Carlton Lewis Yaffey, Columbus	Deborah Lee Kurfiss, Fairfield	With distinction in Political Science with honors in the Liberal Arts
Robert John Yane, Youngstown	With distinction in Biochemistry	Richard Alan Green, Parma
Dean Allen Young, Akron	Carolyn Lee Fuhrman, Downers Grove, Ill.	With distinction in Psychology
Carol Anita Zelizer, Columbus	With distinction in Biology	John William Tyznik, Columbus
John Joseph Zulliger, Lima	David A. Spahlinger, Massillon	With distinction in Wildlife Management
Cum laude with distinction in Agronomy	With distinction in Classics	Nancy Jane Heinold, Cincinnati
	Jocelin Hackathorn, Canton	Diane Laura Rains, Cincinnati
Rodney Lynn King, Wauseon	With distinction in Comparative Literature	Carla Allen Whisler, Mansfield
	Marlene Talbott-Green, Worthington	With honors in the Liberal Arts
Cum laude with distinction in Astronomy	With distinction in Comparative Literature with honors in the Liberal Arts	Terrence Patrick Brennan, Columbus
Sanjoy Ghosh, Columbus	Theresa Ann Reid, Hilliard	Robert Allen Bugos
	Joel Charles Solomon, Cleveland	Middleburg Heights
Cum laude with distinction in Classics with honors in the Liberal Arts	With distinction in Dairy Science	Miriam Elizabeth Bush, Wellsville
Alice Melissa Stuart, Plandome, N. Y.	Christopher Shawn Hayhow, Chillicothe	Rod A. Covey, Canton
	With distinction in English with honors in the Liberal Arts	Edward Jay Donner, Avon Lake
Cum laude with distinction in Food Science	Richard C. Kesler, Jr., Westerville	Ann Prescott Dervin, Reynoldsburg
	With distinction in Environmental Interpretation	Dan Free, Springfield
Richard Allen Howard, Huntington, N. Y.	Margaret Pauline Petty, Fairfield	Donald Gerdeman, Columbus
	With distinction in Food Technology	Suzette Gumz, Berea
Cum laude with distinction in History	Melinda Sue Decker, Lancaster	Diane Kay Heintzelman, Canton
	With distinction in Forest Biology	Constance Sue Huttner, Youngstown
Daniel Winter Bennett, Columbus	Daniel Elden Keathley, Columbus	Joseph T. Kutsko, Youngstown
Keith Arthur Wikowski, Toledo	With distinction in Genetics	David Lewis Lause, Delphos
	Laura L. Hinkle, Fredericktown	Paul Hanming Liu, Middleburg Heights
Cum laude with distinction in Home Economics		Mohan Kandarpa Rao, Columbus
Therese S. Connor, Columbus		
Susan Mae Stackhouse, Wakeman		
Cum laude with distinction in Intercultural Communications		
Barbara Deane Shearer, Westerville		
Cum laude with distinction in Mathematics		
Andrew Thomas Watson, Urbana		
Cum laude with distinction in Music		
James Michael Brody, Columbus		
Anthony St. Pierre, Worthington		
Cum laude with distinction in Political Science		
Jacqueline Davis Keister, Celina		
Cum laude with honors in the Liberal Arts		
William Kurt Dewar, Kenton		
Attila Joseph Kassa, Lakewood		
Joan Patricia Weber, Cincinnati		

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND TWENTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 8, 1977

The Board of Trustees met at its regular monthly meeting on Wednesday, June 8, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Vice Chairman, M. Merle Harrod, Patricia D. James, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

Dr. Sirak introduced the new member of the Board:

I would like to introduce our new Trustee, John F. Havens, who has been a personal friend of mine, and who is a graduate of The Ohio State University with a Bachelor of Science in Business Administration degree. He's active in many organizations, both business and philanthropic in this city. Further, he more than anyone else is responsible for raising the money which was \$5 million to match the \$5 million that was given by the State for Larkins Hall. And Jack, I would like to add my own personal message that I think that your addition to this Board is a most timely one because we are, as we all know, in very difficult economic times and your expertise will do much to further the well-being of this University so much of which depends on a good sound fiscal underpinning. I also am delighted to have the opportunity of renewing a board association with you which began about 15 or more years ago with another school on which board you and I both served. So on behalf of this Board and myself, welcome aboard.

John F. Havens, Delaware, Ohio, who was appointed by Governor James A. Rhodes, for a term beginning May 14, 1977 and ending May 13, 1986.

* * *

June 8, 1977 meeting, Board of Trustees

Dr. Sirak, Vice Chairman of the Board of Trustees, presided in Mr. Gushman's absence.

INTERIM
COMMITTEE APPOINTMENTS 1977-78

Resolution No. 77-122

WHEREAS the interim appointments to Committees and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, and the Inter-University Council for 1977-78 are as follows:

Educational Affairs Committee

Howard D. Sirak, Chairman
Patricia D. James, Vice Chairman
Warren J Smith

John D. Jacob
John L. Gushman, Ex Officio

Fiscal Affairs Committee

Chester Devenow, Chairman
Donald J. Hilliker, Vice Chairman
M. Merle Harrod

John F. Havens
John L. Gushman, Ex Officio

Personnel Committee

John L. Gushman, Chairman
M. Merle Harrod

Howard D. Sirak

OARDC Agenda Review Committee

John L. Gushman, Acting Chairman
John M. Stackhouse, Vice Chairman

Warren J Smith

Development Fund Board

Donald J. Hilliker (one year)

John F. Havens (two years)

Inter-University Council

Donald J. Hilliker

Research Foundation Board

John D. Jacob (April, 1980)

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, and the Inter-University Council for 1977-78 be approved.

Upon motion of Dr. Jacob, seconded by Mr. Harrod, the above resolution was adopted by unanimous voice vote.

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June 8, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 77-123

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

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. Harrod, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Joseph H. Koffolt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 7, 1977, of Joseph H. Koffolt, Professor Emeritus of Chemical Engineering. Professor Koffolt retired on June 30, 1971, following 40 years of distinguished service to the University. He served as the Chairman of the Chemical Engineering Department from 1948 to 1968.

Professor Koffolt received his Bachelor of Science, Master of Science and Doctor of Philosophy degrees from Ohio State in 1924, 1929, and 1931, respectively. In 1972, the University conferred upon him the honorary Doctor of Science degree in recognition of his many professional accomplishments. In October, 1976, the Chemical Engineering Building was renamed the Joseph H. Koffolt Laboratories in honor of his distinguished service to his alma mater and to his profession.

Professor Koffolt was a nationally known authority in the field of chemical engineering. He was one of the early and important contributors to the development of the use of nomographs. His research and publications dealt primarily with the fundamental and applied aspects of the chemical engineering operations of distillation, liquid-liquid extraction and drying.

Active in professional societies, Professor Koffolt was a member of the American Institute of Chemical Engineers, American Chemical Society, American Society for Engineering Education as well as the honorary societies - Tau Beta Pi, Sigma Xi, Pi Mu Epsilon, Phi Lambda Upsilon, Phi Eta Sigma. The American Institute of Chemical Engineers honored Professor Koffolt with the rank of Fellow, the Founders Award and the Warren K. Lewis Award. He received the College of Engineering's Charles E. McQuigg Award for teaching excellence and was selected as the Columbus Technical Council's Technical Man of the Year Award in 1959.

Through his inspiring teaching, his warmth and human understanding, Professor Koffolt gained the respect and affection of more than 40 graduating classes. His interest and influence continued into the professional and personal lives of alumni long after graduation.

June 8, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Joseph H. Koffolt (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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.

Glenn William McCuen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 1, 1977, of Glenn William McCuen, Professor Emeritus, Department of Agricultural Engineering.

Professor McCuen was born on July 14, 1888, at Chebanse, Illinois. He was graduated from the University of Illinois in 1915 with a B.Sc. in Agriculture degree. He came to Ohio State that year as an Instructor in the Department of Agricultural Engineering. In 1924 he was appointed Chairman of the Department, a position he held until 1955. In 1956 he retired as Professor Emeritus.

In 1922-23 Professor McCuen designed a new belt power dynamometer with a complete recording device--the first of its kind. It facilitated a study of belt power requirements of machines as well as their load characteristics under field conditions. Later he developed the Ohio Power TakeOff and Traction Dynamometer. Threshing problems were investigated in the '20's resulting in the development of successful methods of threshing soybeans and improving methods of sweet clover threshing. He was also the first agricultural engineer to test and report on the pneumatic tractor tires, working with the Firestone Rubber Company; he reported on his outstanding research data at the annual ASAE meeting December 1932.

Professor McCuen was ahead of his time when he started his total mechanization of corn production studies in 1922. In 1922, \$25,000 worth of new machinery was loaned to the Department in return for valuable field testing data. By 1927 he had proven that the time necessary to grow and harvest an acre of corn could be reduced from 26 to 5.77 man hours.

Professor McCuen served on many national ASAE society committees and as Chairman of several. He was elected President of ASAE for 1934-35. In 1935 he represented ASAE at the second International Congress of Rural Engineering at Madrid, Spain. In 1945 he was elected a Fellow in the American Society of Agricultural Engineers.

He was author and co-author of numerous technical papers. Widely recognized in his field, he served as a consultant to many of the major farm equipment manufacturers in the United States.

On February 13, 1970, Professor McCuen received special recognition at the Agricultural Engineering Centennial Symposium for his contributions to the Department of Agricultural Engineering as Chairman and dedicated teacher and researcher, for his ability as a stimulating and demanding teacher who would accept nothing less than the best efforts of his students, for his contributions and pioneering research in the use of rubber tires on the farm, and for major contributions to research data needed to adapt combines for use in the Midwest.

June 8, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Glenn William McCuen (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Professor McCuen its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Francis P. Taylor

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 27, 1977, of Francis P. Taylor, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Taylor was born August 24, 1899, in Delroy, Ohio. He attended both Delroy and Carrollton High Schools, graduating in 1917 from Carrollton High School. A Bachelor of Science in Agriculture degree was received from The Ohio State University in 1923. Additional education with credit toward a Master of Science degree was secured from both The Ohio State University and Colorado State University.

Mr. Taylor joined the faculty of The Ohio State University as a County Extension Agent in Pike County on June 1, 1923. On September 16, 1931, he transferred to Jefferson County as County Extension Agent, Agriculture, and retired from that position on January 30, 1960. Mr. Taylor was a dedicated and highly respected agricultural leader in Jefferson County. He was particularly well known for his efforts with the news media and was highly respected among his peers on the Extension faculty. He will long be remembered for his outstanding contributions to the agricultural industry.

On behalf of the University community, the Board of Trustees expresses to the family its deepest 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 Mrs. Taylor as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

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DISTINGUISHED SERVICE AWARDS

Resolution No. 77-124

Synopsis: Recommendation for four individuals to receive Distinguished Service Awards is made.

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 the Commencement Convocation specified--

Spring Quarter, June 9, 1977

John H. Dunlap

June 8, 1977 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS (contd)

Summer Quarter, August 31, 1977

Gordon B. Carson
Frances E. Naylor
Ralph S. Paffenbarger, Sr.

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. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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CHANGE OF STATUS OF DIVISION OF ART TO DEPARTMENT OF ART

Resolution No. 77-125

Synopsis: A change of status of the Division of Art to Department of Art is being proposed.

WHEREAS the Division of Art fulfills all requirements for Department status as defined in Rule 13.0501, of *Rules of the University Faculty*; and

WHEREAS the request for change of status has been approved by the faculty of the Division of Art and the College of The Arts; and

WHEREAS the Council on Academic Affairs has voted unanimously to support the request for change of status:

NOW THEREFORE

BE IT RESOLVED, That the proposal as approved by the University Senate on April 30, 1977, supporting the request to change the Division of Art to the Department of Art, in the College of The Arts, be adopted.

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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June 8, 1977 meeting, Board of Trustees

**ESTABLISHMENT OF NEW DEGREE PROGRAM -
MASTER OF LABOR AND HUMAN RESOURCES**

Resolution No. 77-126

Synopsis: The establishment of a Master of Labor and Human Resources degree program is being proposed.

WHEREAS the Faculty of Labor and Human Resources has proposed a new (tagged) degree program to be known as the Master of Labor and Human Resources; and

WHEREAS such a program is designed to meet a widely recognized need for inter-disciplinary training for a variety of positions in the fields of industrial relations and human resource policy; and

WHEREAS such a program already exists on an experimental basis and can be formalized with existing resources:

NOW THEREFORE

BE IT RESOLVED, That the action of the University Senate as approved on April 30, 1977, be adopted by the Board of Trustees for the establishment of a Master of Labor and Human Resources degree program.

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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**ESTABLISHMENT OF NEW DEGREE PROGRAM -
MASTER OF LANDSCAPE ARCHITECTURE**

Resolution No. 77-127

Synopsis: The establishment of a Master of Landscape Architecture degree program is being proposed.

WHEREAS the Department of Landscape Architecture has proposed a new (tagged) degree program to be known as the Master of Landscape Architecture; and

WHEREAS such a program is directly responsive to the stated needs of employers both in Ohio and across the United States; and

WHEREAS such a program can be implemented with current resources:

NOW THEREFORE

BE IT RESOLVED, That the action taken by the University Senate on April 30, 1977, be adopted by the Board of Trustees for the establishment of a Master of Landscape Architecture degree program.

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

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June 8, 1977 meeting, Board of Trustees

**REPEAL OF CHAPTER 55.00, OPEN HOUSING,
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 77-128

Synopsis: Repeal of Chapter 55.00 (Open Housing) is proposed.

WHEREAS Chapter 55.00, "Open Housing," adopted by the Board of Trustees in 1969, prohibits students from seeking or maintaining domicile in rental units which discriminate on the basis of race, religion, color, or national origin; and

WHEREAS the Columbus Code Sec. 2325.02, "Fair Housing," the Ohio Revised Code, Sec. 4112.02, "Unlawful Discriminatory Practices," and the Federal Rights Act of 1968, Title 42, of the U. S. Code, provides criminal and/or civil penalties for discrimination because of race, sex, color, religion, ancestry or national origin; and

WHEREAS Chapter 55.00, "Open Housing," also requires the establishment and maintenance of an Open Housing Panel of eleven members, the establishment, maintenance, and publication in *The Lantern* of the discriminatory housing list and the Rule; and

WHEREAS the provisions of Chapter 55.00 are expensive in personnel time, costs, and the minimum publication cost at present rates is \$2,600 per year; and

WHEREAS in the period since 1969, only two residential premises have been cited to the discriminatory housing list; and

WHEREAS the University and its personnel may be liable in civil suits for actions taken under Chapter 55.00; and

WHEREAS the lawful enforceability of the sanctions set forth in Chapter 55.00 are doubtful:

NOW THEREFORE

BE IT RESOLVED, That the President of the University be requested to issue a statement of administrative policy setting forth the University's support of the public policies of open housing for all students, and including the administrative counseling services which are available to aid students who are refused rental housing in violation of the general laws of fair housing; and

BE IT FURTHER RESOLVED, That Chapter 55.00, "Open Housing," of the *Rules of the University Faculty* be repealed in its entirety in accordance with action of the University Senate approved April 30, 1977.

Dr. Armitage:

The prepared revision in Rule 55 comes as a result of a review of the entire "Code of Student Rights and Responsibilities" carried out last summer and approved by the Council on Student Affairs this year. This Council found that this particular Rule simply was no longer needed. At the time that it was instituted in 1969, it was very definitely needed to put the University on record in favor of fair hous-

June 8, 1977 meeting, Board of Trustees

REPEAL OF CHAPTER 55.00, OPEN HOUSING
RULES OF THE UNIVERSITY FACULTY (contd)

Dr. Armitage (contd):

ing. Since that time, city code and state housing legislation and federal action have provided more appropriate ways for remedy to the extent that this Rule is no longer needed. Indeed in some ways this Rule is in conflict with the law of the City of Columbus.

Mrs. James: How is it in conflict with the law?

Dr. Armitage:

The law in the City of Columbus goes farther in certain ways. The problem is that we're possibly putting students and our landlords in double jeopardy. We're also depriving students of their constitutional rights under certain of the enforcement procedures which are different from those of the courts which have the power to fine and assess and issue court orders and injunctions to carry out their laws while our only power was to prohibit a student from living in a certain house. During the past four years we have not had one allegation of fair housing that has not been handled adequately in the Columbus courts.

President Enarson:

I think it ought to be added that this is not taken as a matter of unilateral action by the administration. It came from the students and it has been reviewed at all levels.

Mrs. James:

I have one other question. If it costs \$2,600 a year to publish the list in *The Lantern* - why are you publishing a list if you've only had two violations?

Dr. Armitage:

Because under Board Rule we are required to publish the Rule to make it perfectly clear to every one on campus that this Rule does exist. What is now proposed is that we substitute in the Student Rights Brochure a statement of University policy supporting civil rights and establish an office to assist in referring such cases to proper state and local agencies for a regress of grievance.

Mrs. James:

Well then your resolution isn't worded correctly. You're saying publication in *The Lantern* of the discriminatory housing list. You just said --

Dr. Armitage: --and the Rule itself, it should read, you're quite right.

Mrs. James: But you haven't been publishing a discriminatory housing list.

June 8, 1977 meeting, Board of Trustees

REPEAL OF CHAPTER 55.00, OPEN HOUSING
RULES OF THE UNIVERSITY FACULTY (contd)

Dr. Armitage:

Only the Rule and any discriminatory housing that has been found to be so which we haven't had since 1969.

Dr. Jacob:

Such a list is published and there's always been one or two names on it. In this ad, in which the Rule is published down at the bottom it indicates those houses in conflict with the Rule.

Mrs. James: You mean they've been publishing the same two since 1969.

Dr. Armitage:

So far as I know Mrs. James, unless there's been a change in ownership, I have read the ads but I can't recall that there's been any listed in the four years that I've been here. Since 1969, they've apparently only had two.

Dr. Jacob: Just one house - one as I remember and it's been the same one every year.

Dr. Armitage: He reads our ad more closely than I do.

President Enarson:

I'm tempted to say that this ad is generally 'parked' somewhere on the same page with that other standard ad which is entitled 'Why do the heathen rage?'

Mrs. James: Could we add the proper language to the resolution then?

Dr. Armitage: Which would be?

Mrs. James: Rather than say just publication of a discriminatory housing list add 'and the Rule.'

Dr. Armitage accepted this clarifying addition.

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

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June 8, 1977 meeting, Board of Trustees

BUDGET SUMMARY (THIRD QUARTER, 1977)

Resolution No. 77-129

Synopsis: The third quarter summary report of the current funds budget is presented for review.

WHEREAS the third quarterly report of the 1976-77 current funds budget which is presented for review by the Board of Trustees contains a total upward revision to budgeted expenditures from \$363,144,000 to \$365,416,000; and

WHEREAS approximately \$2,000,000 of this increase is related to a higher volume of activity for the University Hospitals operations than was originally anticipated and the core Instruction and General budgets show a slight increase in the aggregate but this difference deviates from the second quarter estimate of \$174,941,000 by less than one percent; and

WHEREAS except for these above revisions, there are not significant changes to the current funds budget approved by the Board of Trustees on December 15, 1976:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget be accepted.

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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BUDGET 1977-78

Resolution No. 77-130

President Enarson presented the following provisional budget proposal:

I. INTRODUCTION

Although the General Assembly has not yet passed an appropriations bill and is not likely to do so until a few days before June 30, I think it essential that the Board of Trustees adopt at this time a provisional budget. A final budget will be presented during the summer when the exact level of funding from state resources is known. This provisional budget is developed with contingency plans that can be activated upon passage of the appropriations bill.

Although there has been considerable uncertainty surrounding the development of this budget, it has been clear since early January that the University could not expect state funding that would meet continuation needs in the face of inflationary pressures; i.e., funding at a level to permit the University to continue essentially the same services at the same levels as in the past. Consequently, we have known for some time that some, or all, of the components of three interrelated factors must suffer in 1977-78: student fees, faculty/staff salaries, or program services offered. Accordingly, this budget has been developed through a series of intensive studies and hearings and reallocates funds taken from several areas and applied to meet needs of high priority.

June 8, 1977 meeting, Board of Trustees

TABLE 1

THE OHIO STATE UNIVERSITY
1976-77 Current Funds Budget
Budgeted Expenditures for the 1976-77 Year

	Budget Approved February 4, 1977	Proposed Revised Budget June 8, 1977
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$125,485,000	\$125,796,000
Libraries	6,635,000	6,605,000
Other Academic Support	2,087,000	2,125,000
Student Services	6,330,000	6,395,000
Plant Operation	20,009,000	20,076,000
Institutional Support	14,395,000	14,340,000
Total Instructional and General	\$174,941,000	\$175,337,000
Sponsored Research		
Research Foundation	\$ 18,500,000	\$ 18,500,000
Engineering Experiment Station	2,400,000	1,750,000
Research Administration	1,946,000	1,945,000
University Sponsored Research	1,533,000	1,533,000
Other Grants and Contracts	2,187,000	2,377,000
Total Sponsored Research	\$ 26,566,000	\$ 26,105,000
Public Service		
University Hospitals	\$ 71,566,000	\$ 73,568,000
Cooperative Extension Service	16,126,000	16,126,000
Other Grants and Contracts	13,309,000	13,545,000
University Sponsored Programs	2,654,000	2,654,000
Conferences	1,700,000	1,700,000
Total Public Service	\$105,355,000	\$107,593,000
Scholarships and Fellowships	\$ 5,609,000	\$ 5,447,000

June 8, 1977 meeting, Board of Trustees

TABLE 1 (contd)

THE OHIO STATE UNIVERSITY
 1976-77 Current Funds Budget
 Budgeted Expenditures for the 1976-77 Year

	Budget Approved February 4, 1977	Proposed Revised Budget June 8, 1977
Auxiliaries		
Student Housing	\$ 17,160,000	\$ 17,421,000
Intercollegiate Athletics	6,890,000	7,119,000
University Bookstores	4,356,000	4,181,000
Facilities Services	2,349,000	2,310,000
Student Unions	2,189,000	2,148,000
Parking Facilities	2,001,000	2,065,000
Student Health Service	2,049,000	2,051,000
University Airport	1,425,000	1,557,000
Fawcett Center for Tomorrow	1,193,000	1,152,000
Other	809,000	790,000
Total Auxiliaries	\$ 40,421,000	\$ 40,794,000
Total Columbus Campus	\$352,892,000	\$355,276,000
Regional Campuses		
Administration	\$ 133,000	\$ 160,000
Lima Campus	2,243,000	2,194,000
Mansfield Campus	2,293,000	2,257,000
Marion Campus	1,368,000	1,363,000
Newark Campus	2,034,000	2,007,000
Agricultural Technical Institute	1,971,000	1,949,000
Wright Patterson Graduate Center	210,000	210,000
Total Regional Campuses	\$ 10,252,000	\$ 10,140,000
Grand Total	\$363,144,000	\$365,416,000

June 8, 1977 meeting, Board of Trustees

TABLE 2

THE OHIO STATE UNIVERSITY
 1976-77 Current Funds Budget
 Sources of Income to Support the 1976-77 Budget

	Budget Approved February 4, 1977	Proposed Revised Budget June 8, 1977
Columbus Campus		
Government Appropriations		
State of Ohio	\$120,340,000	\$120,050,000
Federal	44,457,000	44,785,000
Subtotal	\$164,797,000	\$164,835,000
Student Fees		
Instructional and General	\$ 49,230,000	\$ 48,715,000
Room and Board	13,821,000	13,880,000
Other	1,970,000	1,910,000
Subtotal	\$ 65,021,000	\$ 64,505,000
Other Income		
Auxiliary Sales and Charges	\$ 91,422,000	\$ 94,035,000
Department and University Services	15,188,000	16,241,000
Endowment Income	2,814,000	2,759,000
Gifts and Grants	11,652,000	10,900,000
Temporary Investments	2,000,000	2,000,000
Subtotal	\$123,076,000	\$125,935,000
Total Columbus Campus	\$352,894,000	\$355,275,000
Regional Campuses		
Lima Campus	\$ 2,278,000	\$ 2,278,000
Mansfield Campus	2,358,000	2,368,000
Marion Campus	1,398,000	1,398,000
Newark Campus	2,070,000	2,069,000
Agricultural Technical Institute	2,088,000	2,088,000
Wright Patterson Graduate Center	210,000	210,000
Total Regional Campuses	\$ 10,402,000	\$ 10,411,000
Grand Total	\$363,296,000	\$365,686,000

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

II. SUMMARY OF PROJECTED TOTAL CURRENT EXPENDITURES AND REVENUES

OVERVIEW

The University uses the five principal expenditures categories required by the Ohio Board of Regents in developing and reporting its budget and system of accounts: Instruction and General, Sponsored Research, Public Service, Student Aid, and Auxiliary Services. The following summaries provide an overview of the University Budget for 1977-78 in comparison with 1976-77 levels.

Summary 1 shows the total University budget with the Columbus Campus and Regional Campuses separately displayed.

SUMMARY 1

	Estimated 1976-77	Proposed 1977-78	Increase
Columbus Campus	\$350,200,000	\$373,900,000	\$ 23,700,000 (6.8%)
Regional Campuses	9,200,000	10,200,000	1,000,000 (10.5%)
Total	\$359,400,000	\$384,100,000	\$ 24,700,000 (6.9%)

In Summary 2, estimated 1976-77 expenditures and proposed expenditures for 1977-78 are presented for each of the five principal expenditure categories of the Columbus Campus. These budgeted expenditures contain Unrestricted General Fund expenditures as well as those associated with earnings and restricted funds provided by outside sources.

SUMMARY 2

Budget Categories	Estimated 1976-77	Proposed 1977-78	Portion of Total Budget 1977-78
Instruction and General	\$180,450,000	\$193,700,000	52%
Sponsored Research	\$24,180,000	24,990,000	7%
Public Service	102,950,000	109,800,000	29%
Student Aid	5,400,000	5,480,000	1%
Auxiliary Services	37,240,000	39,980,000	11%
Totals	\$350,220,000	\$373,950,000	100%

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

Summary 3 provides an overview of the sources of income for all activities on the Columbus Campus.

SUMMARY 3 Columbus Campus Sources of Income			
Source	Estimated 1976-77	Proposed 1977-78	Portion of Total Budget 1977-78
State of Ohio	\$120,050,000	\$128,900,000	34%
Federal	44,760,000	45,330,000	12%
Instructional and General Fees	48,715,000	53,625,000	14%
Room and Board Fees	13,880,000	14,775,000	4%
Other Revenues	125,815,000	134,120,000	36%
Total	\$353,220,000	\$376,750,000	100%

Finally, Summary 4 provides current and proposed expenditures for those campuses of the University not located in Columbus.

SUMMARY 4 Regional Campuses Projected Expenditures		
Campus	Estimated 1976-77	Proposed 1977-78
Lima Campus	\$1,978,000	\$2,038,000 (+ 3.0%)
Mansfield Campus	2,028,000	2,218,000 (+ 9.4%)
Marion Campus	1,218,000	1,342,000 (+10.2%)
Newark Campus	1,810,000	2,028,000 (+12.0%)
Agricultural Technical Institute (Wooster)	1,816,000	2,200,000 (+21.1%)
Wright Patterson Graduate Center	210,000	195,000 (- 7.1%)
Regional Campus Administration	160,000	168,000 (+ 5.0%)
Total	\$9,220,000	\$10,189,000 (+10.5%)

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

III. THE INSTRUCTION AND GENERAL BUDGET

OVERVIEW

The Core Budget of the University is the Instruction and General Budget of the Columbus campus. This budget supports the credit educational programs in which students enroll, along with the necessary academic and administrative support services required. The categories of the Instruction and General Budget are: Departmental Instruction and Research, Libraries, Other Academic Support, Sponsored Program Administration, Student Services, Plant Operation, and Institutional Support.

The Instruction and General Budget typically commits about 95% of the General Unrestricted Funds available to the University through state subsidy, student instructional and general fees, and other unrestricted income. Approximately 84% of the Instruction and General budget is funded from unrestricted funds, the remaining coming from earnings operations and restricted or designated funds. Thus, the Instruction and General Budget is that component of the Budget which involves the most direct allocation decisions by the University.

A. CHARACTERISTICS OF THE 1977-78 INSTRUCTION AND GENERAL BUDGET

The Instruction and General Budget has been constructed with the assumption that the University would be underfunded in 1977-78 and that the costs of inflation could not be met totally by increased state resources. This recommended Budget is balanced in part, therefore, through internal savings and retrenchment so that minimal inflationary pressures could be met and some high priority demands of the University realized.

The Instruction and General Budget for 1977-78 is designed to fulfill the following objectives:

- * Unavoidable cost increases for retirement programs, utilities, classified employee pay increases -- \$5.8 million.
- * A 5.7% planned salary increase for continuing faculty and administrative/professional staffs -- \$4.2 million.
- * A 5.0% inflationary adjustment for costs other than continuing personnel -- \$1.5 million.
- * Funds to meet some deficiencies (e.g., capitation shortages in the health sciences) and undertake needed improvements (e.g., operation of Central Recreational Facility, accreditation problems in the College of Dentistry) -- \$4.2 million.

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

It is proposed that the above cost increases be met as follows:

- * Internal savings and retrenchment of base budgets -- \$3.1 million.
- * Increase in instructional subsidies -- \$7.0 million.
- * Increases in instructional fees of \$15 per quarter for undergraduates, \$20 for graduate and law students, and additional increases for other students -- \$2.4 million.
- * Increase in the General Fee of \$10 per quarter -- \$1.2 million.
- * Increases in other income, expanded enrollment, and annualizing of 1976-77 fee increases -- \$1.6 million.

B. COST OF BUDGET PLAN

The following analyses of the costs of the budget plan for 1977-78 deal with the general unrestricted funds of the Instruction and General Budget. The unrestricted funds -- derived primarily from state instructional subsidies and student fees, supplemented by additional unrestricted income -- constitute that part of the total University budget that is subject directly to internal allocation among the University's colleges and offices and constitutes the major component of the core Instruction and General Budget of the University. Subsequent sections of this plan incorporate restricted funds and earnings accrued by the various operations of the University for the provision of defined services.

The costs covered by unrestricted funds are distributed among the following categories: Mandated Costs, College and Office Budget Increases, Added Operational Costs, and Savings.

Mandated Costs. Mandated cost increases of \$5,790,000 are anticipated for 1977-78. As can be seen in the following table, unavoidable cost increases are associated with retirement rates, utility rates, salary step increases for classified employees, and additional fee compensation to accompany projected increases in graduate enrollment. An additional \$1.6 million has been budgeted to meet costs that may accrue from a potential legislative pay bill that could provide across-the-board increases for classified employees.

Increase in Retirement Rates	\$1,300,000
Increase in Utilities	1,400,000
Classified Staff Pay Bill	1,680,000
Classified Step Increases	550,000
Renegotiation of Life, Major Medical, and Blue Cross Benefits	360,000
Fee Compensation/Waivers	500,000
	\$5,790,000

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

College and Office Budget Increases. The proposed salary increase for regular, continuing faculty and administrative/professional staffs would result in additional costs of approximately \$4.2 million. This consists of a 4% discretionary adjustment and an across-the-board increase of \$360 per person. The total 5.7% increase is considered minimal because of expected cost of living increases of 6-7% to be faced by the staff during the coming year. According to our surveys, the salary increase of The Ohio State University for 1977-78 will be among the lowest granted next year for public universities in the state of Ohio and in the Big Ten.

The 5% adjustment to other college and office budget categories to meet increased costs of operating supplies and services and equipment will require approximately \$1.5 million of additional expenditures. This is considerably below the anticipated rises in costs to be faced by the offices and colleges. This portion of the budget will be monitored closely as the resource projections become clearer. Selective adjustments to the operating and equipment budgets will be made later from minimum flexibility funds on the basis of alternative plans for increased resources -- plans submitted by each of the colleges and offices during the budgeting process.

Faculty and Administrative and Professional Salaries (+5.7%)	\$4,204,600
Other Budget Categories (+5%)	1,545,100
	\$5,749,700

Added Operational Costs. It is estimated that approximately \$4.2 million will be necessary to meet increased operational costs and provide minimum flexibility funds. An additional \$800,000 will be required to operate the new Larkins Hall Recreational Facility and approximately \$1.2 million will be needed to replace decreased capitation funding in the health sciences programs and to address other critical program needs.

Minimum flexibility funds will be used to fund plans submitted by the colleges and offices as dollars are available.

Central Recreational Facility	\$ 800,000
Other Budgets (Primarily Student Aid)	399,500
Capitation and Critical Program Needs	1,200,000
Minimum Flexibility	1,770,000
	\$4,169,500

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

Savings/Retrenchment. A 1976-77 cost savings of \$800,000 was implemented in midyear to accommodate to the additional 1% executive budget cut imposed by the Governor in October, 1976. Those reductions to college and office budgets have been carried forward as continuing base budget changes for 1977-78. Because 1976-77 graduate enrollments were below budgeted levels, additional base budget reductions totaling \$1.5 million were made selectively to several college budgets prior to providing funds for salary increases and other inflationary costs for 1977-78.

A systematic review has been initiated of several operations with earnings capabilities in an effort to provide additional funds for the core Instruction and General Budget. It is estimated that funds totaling \$193,000 can be gained in 1977-78 from additional income or savings in the Laboratory Animal Center, Mershon Auditorium, and Telecommunications Center. This review will continue so that additional funds can be transferred in the near future.

Finally, \$1.4 million has been saved during the current year by withholding new commitments during 1976-77, thus reserving additional funds to meet 1977-78 requirements and generating savings for 1976-77 that can be used to meet one-time needs.

Base Budget Adjustments to I and G Units	(\$ 1,500,000)
Transfer to I and G Budget from Laboratory Animal Center, Mershon Auditorium, Telecommunications	(193,200)
Other 1976-77 Internal Savings	(1,437,000)
	(\$ 3,130,200)

Total Cost of Budget Plan. The total net cost of the proposed budget plan, incorporating funds obtained through savings and retrenchment, is shown below.

Mandated Costs	\$ 5,790,000
College and Office Budget Increases	5,749,700
Added Operational Costs	4,169,500
Savings/Retrenchment	(3,130,200)
	\$12,579,000

C. RESOURCES TO MEET BUDGET PLAN

Increase in Instructional Subsidy. As of this date, an appropriation bill for the 1977-79 biennium (Substitute House Bill 191) has been passed by the House and is under consideration by the Finance Committee of the State Senate. This House Bill calls for an increase in Instructional Subsidies of approximately \$4.9 million for The Ohio State University in 1977-78. Statewide and University efforts are under way to obtain restoration of funding for higher education to higher levels recommended earlier in the Executive Budget. This restoration would provide in excess of \$2 million of additional funds beyond the \$4.9 million to the 1977-78 appropriation for OSU. This budget has been prepared assuming that such restoration would occur. Possible adjustments to a lower level of state funding are discussed in a subsequent section of this document.

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

The Executive Budget recommendation represents an increase of approximately 7% above Instructional subsidy levels of 1976-77, but an increase of only 4.4% to the total unrestricted Instruction and General Budget. Substitute House Bill 191, with a 4.9% increase in subsidy would provide an increase of 3.1% to that I and G Budget. In fact, the \$4.9 million of that bill would not even be sufficient to cover the University's Mandated Costs of \$5.8 million.

Increase in Instructional Subsidy (Executive Budget level)	\$6,987,400
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Instructional Fees. It is recommended that full-time undergraduate instructional fees be increased by \$15 per quarter and that increases of \$20 per quarter be implemented for graduate and College of Law students. Increases in these amounts represent 6.5 to 6.9% increases over current levels.

Larger increases have been recommended for students in the Colleges of Dentistry, Optometry, Veterinary Medicine, and Medicine. For the College of Medicine, a major fee increase of \$180 per quarter represents half of the increment from present OSU levels recommended in the Board of Regents' request for 1977-79, the Executive Budget, and Substitute House Bill 191. An increase of \$95 per quarter is recommended for the other graduate professional colleges of Dentistry, Optometry, and Veterinary Medicine. This increase also represents half of the increase from current OSU levels to those fee levels recommended by state governmental bodies.

Additional increases in non-resident surcharges of \$20 for undergraduate and graduate students and \$30 for graduate professional students are assumed in these revenue projections.

Analysis of instructional fee trends and specific fee schedule recommendations are contained in a separate proposal.

Instructional Fee Increase	\$2,450,000
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General Fee. This budget plan also assumes a General Fee increase of \$10 from \$50 to \$60 per quarter. Under Ohio law, revenues from the General Fee are to be used in support of "non-instructional institutional services performed for the benefit of enrolled students." At OSU, this includes such things as the operation of the Ohio and Drake Unions, the counseling and consultation center, the student health center, various student organizations, student financial aids, and the intramural and recreational sports program.

There will be a substantial increase in those student service budgets supported by general fees for the coming year. This is a result of compensation increases, inflation, and additional operating costs for Larkins Hall and our other new recreational facilities.

General Fee Increase	\$1,200,000
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BUDGET 1977-78 (contd)

Other Income. Increases in anticipated revenues from a variety of sources should realize an increase of \$1,941,600. In the first place, anticipated increases in enrollment and the annualization of the \$10 instructional fee increase instituted in the Winter of 1976-77 should produce additional revenues of approximately \$1.3 million for 1977-78. Other income from federal sources, unrestricted endowments, indirect cost recovery from grants and contracts, etc., should produce an additional \$681,600. These increases can then be applied to meet the revenue needs of the unrestricted general funds budgets.

Other Income	\$1,941,600
Total Additional Revenues	
Increase in subsidy	\$ 6,987,400
Instructional fees	2,450,000
General fees	1,200,000
Other income	1,941,600
Grand Total	\$12,579,000

D. ADJUSTMENT TO RESOURCE CHANGES

If resources for 1977-78 do not meet expectations, the budget will be cut back accordingly. The obvious areas of reduction would be in those funds that have not yet been committed to offices and colleges; i.e., the minimum flexibility funds and those funds set aside for capitation and accreditation relief. Additionally, we will adopt selectively alternate plans which the various colleges and offices submitted during budget reviews. If the appropriations bill that is eventually passed causes us to reevaluate this budget, we will present a revised budget to the Board of Trustees.

IV. RECOMMENDATIONS

It was recommended that

- * The budget as proposed for the fiscal year 1977-78 be approved subject to the sufficiency of the appropriation bill passed by the Ohio General Assembly.
- * The Schedule of Fees for the Summer Quarter, 1977 and the Autumn Quarter, 1977 be approved.
- * The Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including Salary Rolls and the Fees and Charges for 1977-78 fiscal year and to file these materials with the official records of the University.

June 8, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR THE 1976-77 AND 1977-78 YEARS
(IN THOUSANDS)

	Estimated 1976-77 Budget	Proposed 1977-78 Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$126,296	\$133,708
Libraries	6,578	7,225
Other Academic Support	2,092	2,379
Sponsored Programs Administration	1,945	2,070
Student Services	6,319	6,965
Plant Operation	20,131	22,889
Institutional Support	17,091	18,466
Total Instruction and General	\$180,452	\$193,702
Sponsored Research		
Research Foundation	\$ 18,956	\$ 19,480
Engineering Experiment Station	2,111	2,438
University Sponsored Programs	739	717
Other	2,377	2,351
Total Sponsored Research	\$ 24,183	\$ 24,986
Public Service		
University Hospitals	\$ 68,858	\$ 74,298
Cooperative Extension Service	16,341	16,950
University Sponsored Programs	2,393	2,374
Other	13,654	14,419
Conferences	1,700	1,760
Total Public Service	\$102,946	\$109,801
Scholarships and Fellowships	\$ 5,397	\$ 5,484

June 8, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET

BUDGETED EXPENDITURES FOR THE 1976-77 AND 1977-78 YEARS
(IN THOUSANDS)

	Estimated 1976-77 Budget	Proposed 1977-78 Budget
Auxiliaries		
Student Housing	\$ 16,920	\$ 18,540
Intercollegiate Athletics	6,820	7,271
University Bookstores	4,023	4,263
Student Health Service	2,038	2,251
Student Unions	2,068	2,178
Parking Facilities	1,803	2,046
University Airport	1,608	1,668
Fawcett Center For Tomorrow	1,196	1,329
Other	757	937
Total Auxiliaries	\$ 37,237	\$ 39,983
TOTAL COLUMBUS CAMPUS	\$350,215	\$373,956
Regional Campuses		
Administration	\$ 160	\$ 168
Lima Campus	1,978	2,038
Mansfield Campus	2,028	2,218
Marion Campus	1,218	1,342
Newark Campus	1,810	2,028
Agricultural Technical Institute	1,816	2,200
Wright Patterson Graduate Center	210	195
Total Regional Campuses	\$ 9,220	\$ 10,189
GRAND TOTAL	\$359,435	\$384,145

June 8, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY

1977-78 CURRENT FUNDS BUDGET

SOURCES OF INCOME TO SUPPORT THE 1976-77 AND 1977-78 BUDGETS
(IN THOUSANDS)

	Estimated 1976-77 Income	Estimated 1977-78 Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$120,050	\$128,903
Federal	44,759	45,326
County	3,887	4,081
Subtotal	\$168,696	\$178,310
Student Fees		
Instruction and General	48,715	53,625
Room and Board	13,880	14,775
Other	1,910	1,975
Subtotal	\$ 64,505	\$ 70,375
Other Income		
Auxiliary Sales and Charges	\$ 88,445	\$ 94,239
Department and University Services	15,914	16,887
Endowment Income	2,759	2,886
Gifts and Grants	10,900	11,950
Temporary Investments	2,000	2,100
Subtotal	\$120,018	128,062
TOTAL COLUMBUS CAMPUS	\$353,219	\$376,747
Regional Campuses		
Lima Campus	\$ 2,278	\$ 2,418
Mansfield Campus	2,368	2,570
Marion Campus	1,398	1,529
Newark Campus	2,069	2,369
Agricultural Technical Institute	2,088	2,398
Wright Patterson Graduate Center	210	195
TOTAL REGIONAL CAMPUSES	\$ 10,411	\$ 11,479
GRAND TOTAL*	\$363,630	\$388,226
*Difference from Expense in	\$ 4,195	\$ 4,081
Earnings Operations:		
Capital Reserves	\$ 5,150	\$ 3,184
Use of Balances	(\$ 1,270)	(\$ 227)
Increase in Balances	\$ 315	\$ 1,124
Total	\$ 4,195	\$ 4,081

SCHEDULE OF STUDENT FEES, EFFECTIVE SUMMER QUARTER, 1977

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Undergraduate						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
Biological Sciences						
Continuing Education						
Dental Hygiene	0-1	\$ 36	\$ 6	\$ 42	\$ 29	\$ 71
Education	2	47	10	57	58	115
Engineering	3	58	12	70	87	157
Health, Physical Education and Recreation	4	77	16	93	116	209
Humanities	5	96	20	116	145	261
Journalism	6	115	25	140	175	315
Mathematics and Physical Sciences	7	134	29	163	204	367
	8	153	34	187	233	420
	9 or more	230	50	280	350	630
Music						
Natural Resources						
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
The Arts						
University College						
Graduate School						
	0-1	\$ 36	\$ 6	\$ 42	\$ 29	\$ 71
	2	58	10	68	58	126
	3	73	12	85	87	172
	4	97	16	113	116	229
	5	121	20	141	145	286
	6	145	25	170	175	345
	7	169	29	198	204	402
	8	193	34	227	233	460
	9 or more	290	50	340	350	690

June 8, 1977 meeting, Board of Trustees

	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Graduate Professional						
Dentistry	0-3	\$ 78	\$12	\$ 90	\$113	\$203
Law	4	103	16	119	150	269
Medicine	5	129	20	149	188	337
Optometry	6	155	25	180	225	405
Veterinary Medicine	7 or more	310	50	360	450	810
University Regional Campuses						
Undergraduate						
	0-1	\$ 36	\$ 4	\$ 40	\$ 29	\$ 69
	2	47	7	54	58	112
	3	58	9	67	87	154
	4	77	11	88	116	204
	5	96	14	110	145	255
	6	115	17	132	175	307
	7	134	20	154	204	358
	8	153	24	177	233	410
	9 or more	230	35	265	350	615
Graduate						
	0-1	\$ 36	\$ 4	\$ 40	\$ 29	\$ 69
	2	58	7	65	58	123
	3	73	9	82	87	169
	4	97	11	108	116	224
	5	121	14	135	145	280
	6	145	17	162	175	337
	7	169	20	189	204	393
	8	193	24	217	233	450
	9 or more	290	35	325	350	675

Undergraduate and graduate students enrolled in any quarter, term, or period for nine or more credit hours will be assessed full fees. Fees for undergraduate and graduate students enrolled for eight 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 fee being \$36 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.

June 8, 1977 meeting, Board of Trustees

SCHEDULE OF STUDENT FEES, EFFECTIVE SUMMER QUARTER, 1977

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$230	\$50	\$280	\$350	\$630
Agriculture and Home Economics	230	50	280	350	630
Arts and Sciences					
The Arts	230	50	280	350	630
Biological Sciences	230	50	280	350	630
Humanities	230	50	280	350	630
Mathematics and Physical Sciences	230	50	280	350	630
Social and Behavioral Sciences	230	50	280	350	630
Education	230	50	280	350	630
Engineering	230	50	280	350	630
Graduate School	290	50	340	350	690
Dentistry	310	50	360	450	810
Dental Hygiene	230	50	280	350	630
Law	310	50	360	450	810
Medicine	310	50	360	450	810
School of Allied Medical Professions	230	50	280	350	630
School of Nursing	230	50	280	350	630
Optometry	310	50	360	450	810
Pharmacy	230	50	280	350	630
Veterinary Medicine	310	50	360	450	810
University College	230	50	280	350	630
University Regional Campuses					
Undergraduate	230	35	265	350	615
Graduate	290	35	325	350	675

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1977

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Undergraduate						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
Biological Sciences						
Continuing Education						
Dental Hygiene	0-1	\$ 39	\$ 8	\$ 47	\$ 31	\$ 78
Education	2	50	12	62	62	124
Engineering	3	61	15	76	93	169
Health, Physical Education and Recreation	4	82	20	102	123	225
	5	102	25	127	154	281
Humanities	6	123	30	153	185	338
Journalism	7	143	35	178	216	394
Mathematics and Physical Sciences	8	163	40	203	247	450
	9 or more	245	60	305	370	675
Music						
Natural Resources						
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
The Arts						
University College						
Graduate School						
	0-1	\$ 39	\$ 8	\$ 47	\$ 31	\$ 78
	2	62	12	74	62	136
	3	77	15	92	93	185
	4	103	20	123	123	246
	5	129	25	154	154	308
	6	155	30	185	185	370
	7	181	35	216	216	432
	8	207	40	247	247	494
	9 or more	310	60	370	370	740

June 8, 1977 meeting, Board of Trustees

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1977 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Graduate Professional						
Law	0-3	\$ 83	\$15	\$ 98	\$120	\$218
	4	110	20	130	160	290
	5	138	25	163	200	363
	6	165	30	195	240	435
	7 or more	330	60	390	480	870
Medicine	0-3	\$123	\$15	\$138	\$120	\$ 258
	4	163	20	183	160	343
	5	204	25	229	200	429
	6	245	30	275	240	515
	7 or more	490	60	550	480	1,030
Dentistry Optometry Veterinary Medicine	0-3	\$101	\$15	\$116	\$120	\$236
	4	135	20	155	160	315
	5	169	25	194	200	394
	6	203	30	233	240	473
	7 or more	405	60	465	480	945
University Regional Campuses						
Undergraduate	0-1	\$ 39	\$ 5	\$ 44	\$ 31	\$ 75
	2	50	9	59	62	121
	3	61	11	72	93	165
	4	82	15	97	123	220
	5	102	19	121	154	275
	6	123	22	145	185	330
	7	143	26	169	216	385
	8	163	30	193	247	440
	9 or more	245	45	290	370	660
	Graduate	0-1	\$ 39	\$ 5	\$ 44	\$ 31
2		62	9	71	62	133
3		77	11	88	93	181
4		103	15	118	123	241
5		129	19	148	154	302
6		155	22	177	185	362
7		181	26	207	216	423
8		207	30	237	247	484
9 or more		310	45	355	370	725

June 8, 1977 meeting, Board of Trustees

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1977 (contd)

Undergraduate and graduate students enrolled in any quarter, term, or period for nine or more credit hours will be assessed full fees. Fees for undergraduate and graduate students enrolled for eight 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 fee being \$39 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.

June 8, 1977 meeting, Board of Trustees

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1977

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Administrative Science	\$245	\$60	\$305	\$370	\$ 675
Agriculture and Home Economics	245	60	305	370	675
Arts and Sciences					
The Arts	245	60	305	370	675
Biological Sciences	245	60	305	370	675
Humanities	245	60	305	370	675
Mathematics and Physical Sciences	245	60	305	370	675
Social and Behavioral Sciences	245	60	305	370	675
Education	245	60	305	370	675
Engineering	245	60	305	370	675
Graduate School	310	60	370	370	740
Dentistry	405	60	465	480	945
Dental Hygiene	245	60	305	370	675
Law	330	60	390	480	870
Medicine	490	60	550	480	1,030
School of Allied Medical Professions	245	60	305	370	675
School of Nursing	245	60	305	370	675
Optometry	405	60	465	480	945
Pharmacy	245	60	305	370	675
Veterinary Medicine	405	60	465	480	945
University College	245	60	305	370	675
University Regional Campuses					
Undergraduate	245	45	290	370	660
Graduate	310	45	355	370	725

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

Mr. Smith:

I guess we're accepting this (the 1977-78 University Budget) at this time, but I'd like to get it clarified for myself. This is a provisional acceptance, depending on what happens in the General Assembly.

President Enarson:

Not exactly, Mr. Smith. We grope for a word. It's a budget which triggers the usual kinds of decisions, that is, July 1, new contracts will be in effect, allocations will be made to the various departments. I never could find the exact words to describe the situation. What I was trying to say is that if there are significant changes which are made downtown, they would be necessarily reflected in this budget. But I hasten to say that they would not be reflected in any increase or decrease for faculty and staff, and they would not be reflected in any change in the fee schedule. They would necessarily be reflected in cutbacks in programs in the event that we don't get restoration of the \$2 million. I think in that sense it's a safe and conservative budget. The alternative was to have no budget at all, and I felt that that would be a totally unfair burden to lay upon our faculty and staff.

Mr. Smith:

In the budget there are some assumptions that may or may not happen. There is the assumption that the House approved measure will be increased \$2 million which may or may not happen, and an assumption that there will be an increase for classified employees of \$1.6 million which may or may not happen. If both happen and you get the additional funds and you also get a mandated increase in classified employees salaries, they counteract one another, and leave you at the same point. Also, if both don't happen you're at the same point. If you got the additional funds and didn't get a classified increase then you've got an appreciable amount of money, and the student fee increase could be reduced 40%.

President Enarson:

Only if this Board and this administration proposes to blind ourselves to the reality of needs. I don't know how many dollars it's going to take to do the kind of upgrading that we need in Dentistry, for example. I know that we don't have enough. The loss of capitation dollars are real losses. I can't escape the fact that if students pay more, it's also true that students and student's families earn more. What we're talking about is dealing with inflation. We're not dealing with increases as measured in a stable economy. I propose that sometime next year I'll come in with a well considered proposal for the indexing of charges to students and even possibly for faculty and staff salaries. As long as inflation is running at 6 and 7%, I don't know why we should pretend that when we ask for 6 and 7% it's an increase. That's a snare and a delusion.

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

Mr. Smith:

You're running with certain assumptions here. If these things happen we can make it through, even with the Dental College problems and the other problems. We don't know the cost of solving these problems, but with these assumptions we think we can make it through. I'm just suggesting at one point if one assumption comes true and the other one doesn't you've got additional dollars and our fees are too high. I know we're keeping up the cost of living but if we could we'd cut them back, too, which we can't. I think that we ought to hold fees down as much as we can so we can get in that position.

President Enarson:

What troubles me, though, Mr. Smith, is whether all things considered we're being fair to our faculty and staff with the recent increase which is less than increases in the cost of living. I'm impressed by the faculty argument that they should not subsidize the cost of education. You put your finger on several key assumptions here, and there are others as well. The figure that we have in our budget on utilities is about as iffy as you can get. I don't think any of us know what we're going to get into on utility charges next year. I guess I'm simply reciting the obvious, that any time you're working with a budget of this magnitude, of necessity there are a number of assumptions. For example, there are assumptions which I didn't deal with in detail at all with respect to enrollment. If we have fewer students, particularly in certain areas or if we have a different mix of students, this too would alter our budget. There is no denying it, there's a pyramiding of assumptions. All I can say is that this institution has had a good track record on building budgets. We do draw the distinction constantly in our thinking in our management between one-time funds and continuing funds. We're not engaged in the business of signing collective bargaining agreements without knowledge of what the cost would be and that's happened in this state and around the country.

Mr. Harrod:

Did you point out in your presentation a while ago what we learned this morning about student fees? Actually in terms of constant dollars they're lower than they were in 1971. You want to reduce them.

Mr. Smith: I think if we could we would.

President Enarson: There's no argument on that.

Mr. Smith:

My thought is that if the budget is based on assumptions and if you keep it on that level and if one assumption doesn't happen - a cost assumption - there are other places to put the money. I think that's what the answer is. Some would say there's a windfall at the University because one thing did not happen - classified pay increases and where do you put that money now - you're going to run the budget anyway.

June 8, 1971 meeting, Board of Trustees

BUDGET 1977-78 (contd)

President Enarson: Where do I put the \$2 million that's been taken away from us?

Mr. Smith:

My assumption is that you do get the \$2 million. If that should occur - I doubt that it would, but if it does - that's my point - if it does occur that you do get the \$2 million - that \$30 million is added to the higher education appropriation - now you've got \$2 million extra.

President Enarson: And you get no classified pay increases?

Mr. Smith: Yes, and no classified pay increases.

President Enarson:

Back up, I've got \$1.6 million out of \$175 million I and G budget with \$1.7 million for flexibility funds and by Monday morning noon I will have a line-up of deans with hands outstretched.

Mr. Smith:

But I can add the figures here and see that you need only \$2 million from fee increases to meet this budget here.

Dr. Moulton: That doesn't speak to the deferred needs.

Mr. Smith:

But you're going to meet them somewhere in this budget - the same number of dollars.

President Enarson: I don't think so.

Mr. Smith:

My point is - I've got no problem with the budget on the assumptions except that if one thing should happen - it's very remote - which from my own experience I don't think it's going to happen. But if it does happen, then I've personally got a problem. Saying we have this \$1.6 million cost taken out of our budget now - what do we do with those funds? I would say that rather than ask for \$3.6 million from student fees we only ask for \$2 million.

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

President Enarson:

I guess what troubles me about that, Mr. Smith, is that year in and year out where we're being asked to do more with less resources. We recognize that the squeeze is on throughout all institutions in society. We think we're doing our part. But I think I can make just as good if not a better case for readjusting our salaries slightly than I can for diminishing fees. There's no way that any of us can build this budget without making guesses about a lot of variables. At the moment you and I are concentrating on a couple of fairly obvious variables but there are other variables that tend to be not as clear. For example, maybe Madison Scott will speak to the point. What's the latest on a bill downtown that would force our payment of retirement costs up very substantially for which the General Assembly is not about to reimburse us?

Mr. Scott:

That, Mr. President, is a bill that is being sponsored by the State Teachers Retirement System that would take away current exclusions that the University has in not putting in a class of people we call 'post docs.' There are approximately 2,000 such people on part-time appointments at this University and if we were forced to put those people in the retirement system, I think it would cost the University just under \$1.5 million.

President Enarson:

I think what I find so deeply distressing is that the General Assembly seems quite cheerfully willing to impose those added costs on the University and has no interest at all in reimbursing us. What they do by this process is make a mockery of this student subsidy model funding.

Dr. Sirak:

I think there's the other side of the coin that comes out in some numbers that I was running while you were speaking, Mr. President. That is, if you look at the current operating revenue, for every hundred dollars of that operating fund, the student supplies \$18 and other sources supply \$82 which isn't a bad trade-off. Of the new money that you've projected, for every \$12½, \$3½ comes from the students, and \$9 comes from other income sources. So again it's a pretty good bang for the buck for what the students put in even though it is more in today's dollars than it was.

June 8, 1977 meeting, Board of Trustees

BUDGET 1977-78 (contd)

President Enarson:

The decision I had the most difficulty with was the trade-off here, whether we should increase compensation for faculty and staff and, of course as a concomitant of that increase charges somewhat. Finally it came down to this. I can only say that it's a value judgment and I feel very strongly that anything less than 5.7% salary increase would be unfair. I'd like to think that the University would be able to, if we ever were to get decent treatment by the Ohio General Assembly with respect to funding, may be able sometime to have a midyear increase, but I suppose that's a measure of my naivete.

Dr. Moulton:

It would be a very pleasant dilemma if some of those things that Mr. Smith suggests might happen, to make priority decisions between refunding student fees and trying to meet a whole host of other high priority needs such as faculty salaries and facilities modifications for the handicapped and on and on.

Mr. Smith:

I'm willing to vote for this, but I just want to make it clear that if the unexpected should happen, and it's really remote, that I will raise the question.

Dr. Kuhn:

Mr. President, I think, too, that we ought to remind ourselves that carried forward in this budget is a 3% executive cut over the past two years. Also included in this budget is a \$1.5 million cut that we imposed on ourselves. We still have the \$5 - 6 million loss of purchasing power from the early 1970's.

Upon motion of Mrs. James, seconded by Mr. Hilliker, the Board of Trustees approved the recommendations made by President Enarson by unanimous roll call vote.

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HONORARY DEGREE

Resolution No. 77-131

Synopsis: An awarding of an honorary degree is being proposed.

WHEREAS the President, after consultation with the Steering Committee of the University Senate, pursuant to Rule 11.05, has approved for recommendation to the Board of Trustees the awarding of the honorary degree as listed below:

June 8, 1977 meeting, Board of Trustees

HONORARY DEGREE (contd)

James Robert Schlesinger

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with this recommendation at a time convenient to the University and the recipient.

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

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DEGREES AND CERTIFICATES-SUMMER QUARTER COMMENCEMENT

Resolution No. 77-132

Synopsis: Approval is being requested for awarding degrees and certificates for the August Commencement.

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees* of The Ohio State University, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit to the University Senate names of persons who have completed degree and certificate requirements, in accordance with Rule 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 31, 1977, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

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

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PRACTICE PLAN FOR MEDICAL FACULTY

Resolution No. 77-133

Synopsis: The development of a Medical Practice Plan is proposed.

June 8, 1977 meeting, Board of Trustees

PRACTICE PLAN FOR MEDICAL FACULTY (contd)

President Enarson:

The next is a matter of a practice plan for the medical faculty and I know a number of members of the Board have thought a bit about this, and it has been discussed at some length.

Mr. Harrod:

This morning we had a very meaningful, constructive meeting with Dr. Cramblett and most of his staff. And as a result of that meeting, I have a resolution which I want to offer, Mr. Chairman:

BE IT RESOLVED, That the President of this University be directed, after due consultation, to develop a single, appropriate practice plan for its' medical faculty, for Board consideration and action no later than July 1, 1979.

Dr. Cramblett:

I think those of us who were present at the meeting this morning heard a very fair synopsis of the problems that any College of Medicine has in resolving this issue in a manner satisfactory to its' faculty and the University. We have been discussing this for seven years. This is not an unusually long period, but I do believe that with the impetus and the discussions that we've had during the past four to five months, the two-year period called for in this resolution will give us sufficient time to resolve this issue satisfactorily.

Dr. Sirak:

Was there any additional discussion after we left that might be pertinent, Dr. Cramblett?

Dr. Cramblett:

Yes, for as much time as I could stay with this group and from the reports that I've had since then, it would be my opinion that there was a constructive move toward getting on the job.

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

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PERSONNEL ACTIONS

Resolution No. 77-134

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

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the May 6, 1977, meeting of the Board, including the following Appointments, Chairmen of Departments and Divisions and Directors of Schools, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1976-77, be approved.

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

Appointments

Name: DAVID L. MEEKER
Title: Associate Dean
College: The Arts
Salary: \$29,040.00
Effective: July 1, 1977
Present Position: Acting Associate Dean, College of The Arts, and Assistant Director and Associate Professor, School of Music

Name: JAMES F. LOUCKS
Titles: Associate Director, Newark Campus, and Associate Professor
Department: English
Salary: \$27,000.00
Effective: June 1, 1977
Present Position: Associate Professor and Chairman, Department of English, Valparaiso University

Name: WESLEY D. ANDERSON
Title: Professor and Chairman
Department: Veterinary Anatomy
Salary: \$34,440.00
Effective: July 1, 1977
Present Position: Professor and Head, Department of Veterinary Anatomy, Western College of Veterinary Medicine, University of Saskatchewan

Name: CHARLES H. BREWER, JR.
Title: Professor and Chairman
Department: Architecture
Salary: \$34,920.00
Effective: July 1, 1977
Present Position: Architect, New Haven, Connecticut

June 8, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: JACQUES LOUIS ZAKIN
Title: Professor and Chairman
Department: Chemical Engineering
Salary: \$40,080.00
Effective: July 1, 1977
Present Position: Director, Minority Engineering Program and Women in Engineering Program, University of Missouri - Rolla

Name: LARRY C. CAREY
Title: Professor (Robert M. Zollinger Chair of Surgery) and Chairman
Department: Surgery
Salary: \$43,080.00
Effective: July 1, 1977
Present Position: Professor and Chairman, Department of Surgery

Name: ARTHUR G. JAMES
Title: Professor (Lucius A. Wing Chair of Cancer Research and Therapy)
Department: Surgery
Salary: \$26,040.00
Effective: July 1, 1977
Present Position: Clinical Professor, Department of Surgery

Name: KARL P. KLASSEN
Title: Professor (Karl P. Klassen Chair of Surgery)
Department: Surgery
Salary: \$30,840.00
Effective: July 1, 1977
Present Position: Professor, Department of Surgery

Name: ROBBIN J. KIRKLAND
Title: Manager
Auxiliary Service: Drake Union
Salary: \$17,500.00
Effective: July 1, 1977
Present Position: Administrative Assistant, Student Center, Southern Illinois University, Carbondale, Illinois

June 8, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Chairmen of Departments and Divisions
and Directors of Schools

July 1, 1977 through June 30, 1981

Agricultural Education	Ralph E. Bender
Animal Science	George R. Johnson
Art	Robert J. Stull
Black Studies	William E. Nelson
Dance	Helen P. Alkire
Entomology	D. Lyle Goleman
Home Economics	Francille M. Firebaugh
Landscape Architecture	Jot D. Carpenter
Microbiology	Robert M. Pfister
Nursing	Edna L. Fritz
Physiological Chemistry	David G. Cornwell
Poultry Science	Edward C. Naber
Psychiatry	Ian Gregory
Veterinary Physiology and Pharmacology	Thomas E. Powers
Zoology	Tony J. Peterle

July 1, 1977 through June 30, 1978

Administrative and Social Sciences	T. Donald Rucker
Agricultural Engineering	Gordon L. Nelson
Clinical Pharmacy and Professional Practice	James A. Visconti*
Comparative Literature	Thomas M. Woodson
Hebrew Language and Literature	Yehiel Hayon
Medicine	James V. Warren
Medicinal Chemistry	Donald T. Witiak
Pharmaceutics and Pharmaceutical Chemistry	Louis Malspeis
Pharmacognosy and Natural Products	
Chemistry	Jack L. Beal
Pharmacology	Popat N. Patil

October 1, 1977 through September 30, 1981

Industrial Design	Charles Wallschlaeger
Political Science	Randall B. Ripley

October 1, 1977 through September 30, 1978

History of Art	Franklin M. Ludden
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* Acting Chairman

June 8, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

KENNETH A. MARANTZ, Professor and Chairman, Department of Art Education, effective August 1, 1977 through August 31, 1977, for personal reasons.

DONALD R. LARSON, Associate Professor, Department of Romance Languages, effective October 1, 1977 through September 30, 1978, to accept a Visiting Professorship at State University of New York.

THOMAS L. BOWMAN, Assistant Professor, Agricultural Technical Institute, effective July 1, 1977 through August 31, 1977, for professional self-improvement.

STEPHEN F. DALE, Assistant Professor, Department of History, effective October 1, 1977 through March 31, 1978, to complete writing of a manuscript on Kerala Muslims and to pursue a research project.

RICHARD E. DYCK, Assistant Professor, Department of Sociology, effective October 1, 1977 through December 31, 1978, to direct Ohio Trade Office in Tokyo, Japan.

JAMES MORGANSTERN, Assistant Professor, Division of History of Art, April 1, 1977 through September 30, 1977, to pursue research and complete report for publication.

JAMES D. WILSON, Assistant Professor, Agricultural Technical Institute, effective June 22, 1977 through August 7, 1977, to pursue doctoral studies at the Indiana University of Pennsylvania.

ALICE ANDREWS FRAZIER, Instructor, Department of Family Medicine, effective March 16, 1977 through April 30, 1977, for personal reasons.

SHARON LOU HOELSCHER, Instructor, Cooperative Extension Service, effective July 15, 1977 through December 16, 1977, to pursue a Master's degree at Michigan State University.

SOON DUCK KIM, Instructor, University Libraries, effective April 18, 1977 through June 20, 1977, for personal reasons.

JEFFREY D. LAYMAN, Instructor, Cooperative Extension Service, effective March 1, 1977 through April 17, 1977, for personal reasons.

Emeritus Titles

MILTON OVERHOLT, Office of Student Services, with the title Associate Dean of Men Emeritus, effective July 1, 1977.

MARY E. APLIN, Department of Pediatrics, with the title Professor Emeritus, effective July 1, 1976.

June 8, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

ROBERT L. BATES, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1977.

BEATRICE J. CLEVELAND, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1977.

CAMILLE J. DELOR, Department of Medicine, with the title Professor Emeritus, effective July 1, 1977.

RUSSELL R. DYNES, Department of Sociology, with the title Professor Emeritus, effective October 1, 1977.

RICHARD P. GOLDTHWAIT, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1977.

EDWIN PEELE HIATT, Department of Physiology, with the title Professor Emeritus, effective July 1, 1977.

JOHN W. HENDRIX, School of Health, Physical Education, and Recreation, with the title Associate Professor Emeritus, effective July 1, 1977.

JOSEPH M. HEWLETT, School of Health, Physical Education, and Recreation, with the title Associate Professor Emeritus, effective July 1, 1977.

KARLIS SVANKS, Department of Chemical Engineering, with the title Associate Professor Emeritus, effective July 1, 1977.

ROLAND VILUMS, University Libraries, with the title Assistant Professor Emeritus, effective July 1, 1977.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 77-134

Synopsis: The report on contracts, grants, and gifts and the summary for April is 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

June 8, 1977 meeting, Board of Trustees

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

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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of April 1977, be approved.

Mrs. James asked for clarification of the nature of the research on Research Foundation Project 4400-A2 entitled, "Deletions and Mitochondrial Genetic Recombination," under the direction of the Department of Genetics.

Dr. Kuhn indicated that a committee screened all such proposals and that he would be glad to provide further information concerning this project.

Mrs. James reiterated that she was not questioning the appropriateness of the research but was simply rather curious as to what type of research would be performed in this project.

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

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June 8, 1977 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1977

Source	No. of Projects	Support Level
Office of Business and Administration	15	\$ 557,843.00
The Ohio State University Research Foundation	42	2,800,773.00
The Engineering Experiment Station	3	13,760.00
		\$3,372,376.00
The Ohio State University Development Fund	4,433 Donors	\$ 800,522.56
Establishment of Named Funds:		
The Thomas B. Meek - James Thurber Collection Fund (James Thurber Studies and Curator of Special Collections)		\$10,000.00
Carl M. and Grace C. Baldwin Eye Care Fund (College of Medicine)		5,851.20
Jennifer Sedgwick Endowment Fund (School of Home Economics)		5,409.46

June 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$136,645.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Cancer Research Resources and Centers, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant - Institutional National Service Award, Department of Medicine, July 1, 1977 through June 30, 1978. (Grant No. 5 T32 CA 09155-03)

\$100,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Methods for Curriculum Content Derivation: A Study of Transferable Skills, Center for Vocational Education, January 1, 1977 through October 31, 1977. (Contract/Grant No. NE-C-00-3-0078)

\$85,057.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Biomedical Computing and Information Processing - Training Grant, College of Medicine, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 LM00159-03)

\$77,818.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Advanced Psychiatric - Mental Health Nursing - Training Grant, School of Nursing, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH12394-08)

\$34,550.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Social Work Education for Community Mental Health, College of Social Work, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH13626-04)

\$25,060.00 - National Science Foundation, Washington, D. C., Undergraduate Research Participation, Department of Chemistry, effective through May 31, 1978. (Grant No. SMI76-02788 A01; Request No. SMI76-82892)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, Neurological and Communicable Disorders and Stroke - Institution Allowance, Department of Anatomy, March 1, 1977 through February 28, 1978. (Fellowship No. 1 F32 NS05394-01A1)

TOTAL - FEDERAL CONTRACTS/GRANTS **\$462,130.00**

State of Ohio Contracts/Grants

\$55,552.00 - State of Ohio, Department of Education, Columbus, Ohio, Four Day Workshop Agreement, Center for Vocational Education, June 27, 1977 through June 30, 1977.

June 8, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$13,179.00 - State of Ohio, Department of Health, Columbus, Ohio, Venereal Disease Education In-Service Program, School of Health, Physical Education, and Recreation, Health Education Division, April 1, 1977 through September 29, 1977.

\$10,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving Vocational Education in Correctional Institutions, Center for Vocational Education, July 1, 1977 through September 30, 1977.

\$3,422.00 - Ohio Commission on Aging, Columbus, Ohio, Adult Educational Opportunity for Older Americans, 1977 Extension: Ohio Stories, Mansfield Campus, April 1, 1977 through October 31, 1977.

\$3,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, Training Trainers: An Interpretation of the Findings of The Citizen's Committee for Human Services, Division of Continuing Education, June 1, 1977 through November 29, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$85,153.00**

Industrial and Other Contracts/Grants

\$8,500.00 - Career Education Planning District No. 6, Sault Ste. Marie, Michigan, Development of a Career Resource Center Handbook, Center for Vocational Education, April 1, 1977 through June 30, 1977.

\$1,310.00 - Central Technical Community College, Hastings, Nebraska, Evaluation of Programs, Center for Vocational Education, May 1, 1977 through May 31, 1977.

\$750.00 - New Jersey Occupational Research and Development Resource Center, Edison, New Jersey, Technical Services Bilingual Career Education Workshop, Center for Vocational Education, March 1, 1977 through April 30, 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$10,560.00**

June 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,059,129.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, 1 July 1972 through 30 September 1978. (Project 3489-A1 - Modification No. 9)

\$171,646.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station, College of Engineering, 1 April 1977 through 30 September 1977. (Project 4347-A1 - Modification No. 2)

\$146,873.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogenesis and Immunity, Department of Microbiology, 25 March 1975 through 24 March 1978. (Project 4134-A1 - Modification No. 4)

\$119,825.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine, 1 April 1977 through 31 March 1978. (Project 4710-A1 - New)

\$86,050.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Physiology of Renin, Aldosterone, and Prostaglandin, Department of Medicine, 1 April 1977 through 31 March 1978. (Project 3209-A6 - Extension No. 5)

\$82,079.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Carcinogenic, Mutagenic and Cytotoxic Mechanism (DMBA), College of Pharmacy, 1 April 1977 through 31 March 1978. (Project 4700-A1 - New)

\$79,400.00 - National Science Foundation, Washington, D. C., The Paleoclimate of the Quelccaya Ice Cap, Peru, and Its Relationship to Paleoclimate in High Latitudes, Institute of Polar Studies, 1 October 1975 through 30 September 1978. (Project 4324-A1 - Sponsor letter dated 24 March 1977)

\$77,030.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds, Department of Chemistry, 1 March 1977 through 28 February 1978. (Project 1809-M - Extension No. 13)

June 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$70,627.00 - Energy Research and Development Administration, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry, 1 February 1977 through 31 January 1978. (Project 2589-J - Modification No. A001)

\$70,000.00 - Energy Research and Development Administration, Argonne, Illinois, Corrosion, Stress Corrosion Cracking, and Electrochemistry of the Iron and Nickel Base Alloys in Caustic Environments, Department of Metallurgical Engineering, 1 March 1977 through 28 February 1978. (Project 3886-A4 - Modification No. A001)

\$67,727.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry, 1 May 1977 through 30 April 1978. (Project 3920-A4 - Extension No. 3)

\$54,900.00 - National Science Foundation, Washington, D. C., Properties of Non-Homogeneous Soils, Department of Civil Engineering, 1 March 1977 through 28 February 1979. (Project 4696-A1 - New)

\$48,018.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics, 1 April 1977 through 31 March 1978. (Project 4400-A2 - Extension No. 1)

\$43,946.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Methods to Assay Enzyme Reactions, College of Pharmacy, 1 May 1977 through 30 April 1978. (Project 2791-H - Extension No. 8)

\$40,417.00 - Energy Research and Development Administration, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering, 1 April 1977 through 31 March 1978. (Project 4386-A2 - Modification No. A001)

\$40,183.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy, 1 April 1977 through 31 March 1978. (Project 4709-A1 - New)

\$39,996.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Photochemistry of the Genus *Thalictrum*, College of Pharmacy, 1 June 1977 through 31 May 1978. (Project 1497-L - Extension No. 11)

June 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$38,000.00 - 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, 1 May 1977 through 30 April 1978. (Project 4705-A1 - New)

\$34,957.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science-Math Education, 1 March 1977 through 31 January 1978. (Project 4692-A1 - New)

\$34,868.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., The Surface Current and Charge Density Induced on Finite Cylinder Mounted Near a Perfectly Conducting Ground Plane, ElectroScience Laboratory, Department of Electrical Engineering, 1 May 1977 through 30 April 1978. (Project 4713-A1 - New)

\$34,690.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Dynamics of O₂ and CO₂ Regulation, Department of Physiology, 1 April 1977 through 31 March 1978. (Project 3464-A6 - Extension No. 6)

\$34,312.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, The Pharmacologic Control of Mast Cell Phosphodiesterase, Department of Pharmacology, 1 April 1977 through 31 March 1978. (Project 4385-A2 - Extension No. 1)

\$32,700.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Fremouw Formation of the Cumulus Hills, Antarctica, Institute of Polar Studies, 1 April 1977 through 31 March 1978. (Project 4704-A1 - New)

\$30,000.00 - National Science Foundation, Washington, D. C., Micrometeorological Studies at the South Pole, Institute of Polar Studies, 15 January 1976 through 30 June 1978. (Project 4364-A1 - Sponsor letter dated 30 March 1977)

\$29,446.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine, 1 April 1977 through 31 March 1978. (Project 2776-A8 - Extension No. 8)

June 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$29,000.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Develop Methods and Determine the Incidence of Mycoplasma in/on Non-sterile Commercial Foods, Department of Medical Microbiology. (Project 4486-A1 - Modification No. 1)

\$23,141.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., USAF-ASEE Summer Faculty Research Program, Department of Aeronautical and Astronautical Engineering. (Project 4350-A1 - Modification No. P00003)

\$20,904.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Pituitary-Adrenergic-Ovarian Vasomotor Interaction, Department of Physiology, 1 April 1977 through 31 March 1978. (Project 4706-A1 - New)

\$20,827.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Regional Medical Audiovisual Center, College of Medicine, 1 April 1976 through 31 May 1977. (Project 4384-A1 - Modification No. 2)

\$16,300.00 - National Science Foundation, Washington, D. C., Presentation Variables in Serial Pattern Processing, Department of Psychology, 1 May 1975 through 30 April 1978. (Project 4085-A1 - Sponsor letter dated 12 April 1977)

\$10,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Process Model of How the Human Operator Tracks Discontinuous Inputs, Department of Psychology, 1 July 1977 through 30 June 1978. (Project 4688-A1 - New)

\$4,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, Boulder, Colorado, Stability of Tornado-Like Vortices, Department of Aeronautical and Astronautical Engineering, 1 September 1975 through 31 May 1977. (Project 4301-A1 - Modification No. 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$2,690,991.00**

State of Ohio Research Contracts/Grants

\$42,630.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Conceptualization of a Practical Arts Program Component for Junior High/Middle School Youth, Academic Faculty of Industrial Technology, 1 July 1976 through 30 June 1978. (Project 4702-A1 - New)

June 8, 1977 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 - The State Library of Ohio, Columbus, Ohio, Columbus Metropolitan Data Service Project, University Libraries, 1 April 1977 through 30 June 1978. (Project 4707-A1 - New)

\$1,800.00 - Ohio Department of Economic and Community Development, LANDSAT Workshop, School of Natural Resources, 15 March 1977 through 30 June 1977. (Project 4703-A1 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$74,430.00

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

\$9,952.00 - Hoechst-Roussel Pharmaceuticals, Inc., Somerville, New Jersey, The Effect of Fenbendazole Treatment on Arrested Development of Sheep Parasites, on the Periparturient Rise in Egg Counts and on Lamb Production, Department of Veterinary Pathobiology, 1 April 1977 through 31 July 1978. (Project 4708-A1 - New)

\$9,000.00 - Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology, Department of Botany, 1 February 1972 through 30 June 1978. (Project 3389-A1 - Letter dated 10 March 1977)

\$7,600.00 - United Way of Central Stark County, Canton, Ohio, The Effect of Peritoneal Fluid in Experimental Pancreatitis in the Lung, Department of Surgery, 1 July 1977 through 30 June 1978. (Project 4716-A1 - New)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences, 1 April 1974 through 31 March 1978. (Project 3911-A1 - Letter dated 4 April 1977)

\$2,800.00 - Beverage Products, Division of Borden Foods, Borden Incorporated, Columbus, Ohio, Clinical Investigation of the Effects of Coffee Components on Gastrointestinal Function, Department of Medicine, 1 May 1976 through 30 September 1977. (Project 4414-1 - Letter dated 8 April 1977)

\$500.00 - The Petroleum Research Fund, Washington, D. C., Subsite Structure and Catalytic Efficiency of Chymotrypsin, Department of Biochemistry. (Project 4065-A1 - Letter dated 11 March 1977)

\$500.00 - The Petroleum Research Fund, Washington, D. C., Tetrahedral Adducts of Amides: Dynamics of Ion-Pair Exchange, Department of Chemistry. (Project 4366-A1 - Sponsor letter dated 11 March 1977)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER
NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$35,352.00**

June 8, 1977 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State Research Contract

\$5,000.00 - Ohio Power Siting Commission, Columbus, Ohio, Utilization of the WASP and CONCEPT Codes, Department of Mechanical Engineering, February 1, 1977 through July 31, 1977. (EES 563)

Industrial and Other Research Contracts

\$6,760.00 - Battelle Memorial Institute, Columbus, Ohio, Investigation of Pipeline Spiraling, Department of Engineering Mechanics, March 30, 1977 through June 15, 1977. (EES 564)

\$2,000.00 - Conset Corporation, Washington, D. C., Cost Comparison of Alternative Rural Water Supply Systems, Department of Civil Engineering, April 1, 1977 through March 31, 1978. (EES 565)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS \$8,760.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$363,000.00 from Estate of Dorothy M. Bennett, Lima, Ohio, for a new endowment fund, the Dorothy M. Bennett & Clark L. Bennett Medical Research Fund.

\$50,000.00 from SDRC (Structural Dynamics Research Corporation), Cincinnati, Ohio, for a new project to support academic programs in advanced design methods in the College of Engineering.

\$24,090.94 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$15,879.16 from Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund and the Cardiology Support Fund.

\$10,000.00 from Estate of Thomas B. Meek, Los Angeles, California, for the James Thurber Memorial Fund.

\$9,456.25 from Estate of Melville Saunders, Toronto, Ontario, for the William G. Pace, III Fund.

\$8,511.00 from James M. Parker, M.D., Columbus, Ohio, for the Neuromuscular Research Fund.

\$8,000.00 from National Funeral Directors Association of the United States, Milwaukee, Wisconsin, for the Death Education Research Fund.

June 8, 1977 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 from Eli Lilly & Company, Indianapolis, Indiana, for their organic chemistry research fund.

\$6,800.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in medicine.

\$6,500.00 from John Peter Minton, M.D., Columbus, Ohio--\$6,000.00 for the Cancer Research Fund - Dr. Minton and \$500.00 for the Zollinger Research Fund.

\$5,500.00 from Ayerst Laboratories, New York, New York, for endocrine research.

\$5,000.00 from Central Ohio Breeder Association, Columbus, Ohio, for the Richard H. Kellogg Honors Scholarship Fund.

\$5,000.00 from Ohio Association of Realtors, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

Establishment of Named Funds

The Thomas B. Meek - James Thurber Collection Fund

The Thomas B. Meek - James Thurber Collection Fund was established June 8, 1977, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Thomas B. Meek, Sr., B.Sc., Journalism, '20, late of Montecito, 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 and/or principal is to be used in connection with the operation of the James Thurber Collection. Requisitions for funds are to be initiated by the Professor of Thurber Studies and the Curator of Special Collections, University Libraries, in cooperation with 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 the James Thurber Collection.

June 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Carl M. and Grace C. Baldwin Eye Care Fund

The Carl M. and Grace C. Baldwin Eye Care Fund was established June 8, 1977, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Carl M. and Grace C. Baldwin.

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

The annual income and/or principal is to be used by the College of Medicine, for the purpose of the study of the eye, causes of blindness, the restoration of sight to the blind and the treatment of persons threatened with loss of sight.

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 Medicine.

Jennifer Sedgwick Endowment Fund

The Jennifer Sedgwick Endowment Fund was established June 8, 1977, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from family and friends in honor of and in memory of Jennifer Lynn Sedgwick, late of Columbus, Ohio, graduate student and graduate associate in the Department of Family Relations and Human Development in the School of Home Economics from October, 1970 to January, 1972.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 grants or scholarships in support of thesis research relating to children under six years within the Department of Family Relations and Human Development. Selection of recipients of the grant shall be made by a departmental review committee composed of one graduate faculty member, one nursery school faculty member, and one graduate student.

The principal may be invaded to the extent of part or all of it for uses as indicated above. Unused income shall be added to accumulate interest.

June 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Jennifer Sedgwick Endowment Fund (contd)

Should the need for these grants cease to exist or so diminish as to provide unused income, or should the Department of Family Relations and Human Development cease to exist through reorganization of the University, 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 family relations and human development.

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EMPLOYMENT OF ARCHITECT/ENGINEER

Resolution No. 77-135

BARNEBEY CENTER IMPROVEMENTS

Synopsis: General upgrading of the buildings, utilities, and the surrounding area serving the teaching, research and extension programs of the School of Natural Resources at the Barnebey Center, Fairfield County, State of Ohio.

WHEREAS the Barnebey Center was originally a children's camp and was donated to The Ohio State University in 1969, and since that time the property has been used by the School of Natural Resources; and

WHEREAS the Center is in fair to poor condition and extensive work is needed involving renovation of six buildings, demolition of two cabins and a lodge that are beyond economic repair, exterior work including improvements to the sewage disposal system, a main access road, parking areas, and a water distribution system; and

WHEREAS the improvements will place major emphasis on meeting current building codes, correcting deficiencies in utility systems, and to the extent funds permit, improved space utilization and supporting services essential to programs conducted at the Center:

NOW THEREFORE

BE IT RESOLVED, That the firm of Jeffrey A. Jones and Associates, Inc., of Columbus, Ohio, be employed to provide complete engineering services for this project, including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents and supervision of construction; and

June 8, 1977 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER (contd)

BARNEBEY CENTER IMPROVEMENTS (contd)

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 project cost being projected to be \$100,000 with funds provided in H.B. 687 (Utilities and Renovation - 1975-77 Biennium).

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 CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 77-136

Synopsis: Contracts have been awarded for seven projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are being reported as follows for each project:

TRAFFIC IMPROVEMENTS - CANNON DRIVE IMPROVEMENTS

Description: Improve traffic flow and safety on Stadium Drive and Cannon Drive, and provide a new bridge across the Olentangy River.

General Contract

Date Received: May 11, 1977

No. of Bids: 5

June 8, 1977 meeting, Board of Trustees

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

TRAFFIC IMPROVEMENTS - CANNON DRIVE IMPROVEMENTS (contd)

General Contract (contd)

Low Bid: \$ 947,000* plus negotiated items to add traffic signals at Cannon Drive and Stadium Drive, Cannon Drive and Campus Loop Road, Campus Loop Road and Carmack Road, and Cannon Drive and Twelfth Avenue. A traffic signal controller modification will be included at Stadium Drive and Neil Avenue. The construction of a third lane from the bridge south of 12th Avenue and Cannon Drive will be added to the general contract work. All negotiated items total \$181,962 which brings the General Contract work total to: \$1,128,962*

High Bid: \$1,321,000* (Does not include negotiated items)

Estimate of Cost: \$1,288,800* (Does not include negotiated items)

Awarded to: Concrete Construction Company, Inc. (Columbus, Ohio)

Electric Contract

Date Received: May 11, 1977

No. of Bids: 2

Low Bid: \$ 10,778*

High Bid: \$ 11,764*

Estimate of Cost: \$ 15,018*

Awarded to: Jess Howard Electric Company (Blacklick, Ohio)

Total All Contracts: \$1,139,740*

Total Contingency Allowance: \$ 70,425 which is six per cent of construction contracts

Total Project Cost: \$1,350,000

Funding: H.B. 687, Item 315-097 - Traffic Improvements (\$650,000)
H.B. 687, Utilities and Renovation - Cannon Drive Improvements (\$700,000)

*Recommended Alternates reflected in these figures.

June 8, 1977 meeting, Board of Trustees

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

HAGERTY HALL - PAGE HALL REMODELING

Description: Renovate various areas of the basement and on the first, second, third and fourth floors of Hagerty Hall to accommodate the Department of Economics and classroom space, and subgroups of the College of Administrative Science; modification of all stairways to meet code requirements for fire safety will also be included in this work.

Renovation of various areas in Page Hall in the basement and on the first and second floors to improve existing spaces for classrooms and library and certain divisions of the College of Administrative Science. A new exterior stair and an exit from the basement level, with a ramp for physically handicapped persons will be provided to meet code requirements for fire safety.

General Contract

Date Received:	April 26, 1977
No. of Bids:	6
Low Bid:	\$434,160.00*
High Bid:	\$489,876.00*
Estimate of Cost:	\$438,134.00*
Awarded to:	M & P Construction Company, Inc. (Columbus, Ohio)

Plumbing Contract

Date Received:	April 26, 1977
No. of Bids:	2
Low Bid:	\$ 19,880.00
High Bid:	\$ 21,770.00
Estimate of Cost:	\$ 34,175.00
Awarded to:	Farber Corporation (Columbus, Ohio)

*Recommended Alternates reflected in these figures.

June 8, 1977 meeting, Board of Trustees

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

HAGERTY HALL - PAGE HALL REMODELING (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received: April 26, 1977
No. of Bids: 2
Low Bid: \$ 66,100.00*
High Bid: \$ 76,090.00*
Estimate of Cost: \$ 75,230.00*
Awarded to: Limbach Company (Columbus, Ohio)

Electrical Contract

Date Received: April 26, 1977
No. of Bids: 3
Low Bid: \$ 99,733.00* **
High Bid: \$137,080.00*
Estimate of Cost: \$ 81,639.00*
Awarded to: Mid-City Electric Co. (Columbus, Ohio)

Total All Contracts: \$619,873.00*

Total Contingency Allowance: \$ 17,014.41, which is two per cent of construction contracts

Total Project Cost: \$739,520.00

Funding: H.B. 687, Utilities and Renovation (1975-77) - \$625,000
Budget Account 801325 (Safety Improvements) - \$40,500
and Local Funds - \$74,020

*Recommended Alternates reflected in these figures.

**The 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 recommended for award as per Section 153.12 of the Ohio Revised Code.

June 8, 1977 meeting, Board of Trustees

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

IMPROVEMENTS PROJECTS FOR THE PHYSICALLY HANDICAPPED

Description: Installation of new elevators in Stillman Hall, Lazenby Hall, Page Hall, and Welding Engineering Laboratories, and the addition of ramps for Arps Hall to assist physically handicapped persons.

General Contract

Date Received:	May 5, 1977
No. of Bids:	4
Low Bid:	\$338,680.00* **
High Bid:	\$360,300.00*
Estimate of Cost:	\$317,849.00*
Awarded to:	Waller and Lund, Inc. (Columbus, Ohio)

Heating and Ventilating Contract

Date Received:	May 5, 1977
No of Bids:	3
Low Bid:	\$ 13,770.00**
High Bid:	\$ 21,762.00
Estimate of Cost:	\$ 12,678.00
Awarded to:	Farber Corporation (Columbus, Ohio)

Electrical Contract

Date Received:	May 5, 1977
No. of Bids:	2
Low Bid:	\$ 21,627.00**
High Bid:	\$ 28,039.00
Estimate of Cost:	\$ 15,739.00
Awarded to:	Mid-City Electric Company (Columbus, Ohio)

Total All Contracts \$374,077.00*

* Recommended alternates reflected in these figures.

** All contracts were in excess of the filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

June 8, 1977 meeting, Board of Trustees

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

IMPROVEMENTS PROJECTS FOR THE PHYSICALLY HANDICAPPED (contd)

Total Contingency Allowance: \$ 4,188.02, which is one per cent of construction contracts

Total Project Cost: \$422,500.00

Funding: Rehabilitation Services Commission Grant and Local Funds

ENERGY CONSERVATION--PHASE II (Project B)

Description: Project "B" will modify heating and air conditioning systems for improved efficiency and reduction of utility costs.

Mechanical Contract

Date Received: May 3, 1977

No. of Bids: 2

Low Bid: \$159,500.00*

High Bid: \$180,200.00*

Estimate of Cost: \$221,000.00*

Awarded to: J. A. Guy, Inc. (Columbus, Ohio)

Total All Contracts: \$159,500.00*

Total Contingency Allowance: \$ 6,918.57, which is 4 per cent of construction contracts

Total Project Cost: \$189,169.00

Funding: H.B. 687, Utilities and Renovation (1975-77 Biennium)

*Recommended alternates reflected in these figures.

ENERGY CONSERVATION--PHASE II (Project E)

Description: Continuation of program consistent with The Ohio State University Energy Conservation Coordinating Committee. Project "E" modifications will involve work in Goss Laboratory and Veterinary Hospital.

June 8, 1977 meeting, Board of Trustees

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

ENERGY CONSERVATION--PHASE II (Project E) (contd)

Mechanical Contract

Date Received:	April 21, 1977
No. of Bids:	4
Low Bid:	\$137,200.00*
High Bid:	\$164,805.00*
Estimate of Cost:	\$153,500.00*
Awarded to:	Farber Corporation (Columbus, Ohio)
Total All Contracts:	\$137,200.00*
Total Contingency Allowance:	\$ 4,856.20, which is 4 per cent of construction contracts
Total Project Cost:	\$145,000.00
Funding:	H.B. 687, Utilities and Renovation (1975-77 Biennium)

GALVIN HALL - LIMA CAMPUS

Description: Renovation of four rooms on the third floor to accommodate Biological Sciences classroom, laboratory, and laboratory stores/service functions.

General Contract

Date Received:	May 12, 1977, Rebid
No. of Bids:	2
Low Bid:	\$ 64,472.00*
High Bid:	\$ 71,680.00*
Estimate of Cost:	\$ 69,270.00*
Awarded to:	H. U. Tuttle and Son, Inc. (Lima, Ohio)

*Recommended alternates reflected in these figures.

June 8, 1977 meeting, Board of Trustees

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

GALVIN HALL - LIMA CAMPUS (contd)

Mechanical Contract

Date Received:	April 28, 1977
No. of Bids:	3
Low Bid:	\$ 4,754.00
High Bid:	\$ 5,430.00
Estimate of Cost:	\$ 5,700.00
Awarded to:	B. F. Kohli, Inc. (Lima, Ohio)

Plumbing Contract

Date Received:	April 28, 1977
No. of Bids:	3
Low Bid:	\$26,857.00* **
High Bid:	\$34,490.00*
Estimate of Cost:	\$22,655.00*
Awarded to:	B. F. Kohli, Inc. (Lima, Ohio)

* Recommended alternates reflected in these figures.

**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 recommended for award as provided by Section 153.12 of the Ohio Revised Code.

June 8, 1977 meeting, Board of Trustees

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

GALVIN HALL - LIMA CAMPUS (contd)

Electrical Contract

Date Received:	April 28, 1977
No. of Bids:	4
Low Bid:	\$ 5,900.00*
High Bid:	\$ 10,351.00*
Estimate of Cost:	\$ 8,253.00*
Awarded to:	Miller Electric Company (Lima, Ohio)
Total All Contracts:	\$101,983.00
Total Contingency Allowance:	\$ 4,084.00, which is 4 per cent of construction contracts
Total Project Cost:	\$120,000.00
Funding:	H.B. 687, (Reappropriation from H.B. 985, Item 315-083, Lima Campus, Phase IV)

CENTRAL SERVICE BUILDING REMODELING

Description: Remodel space in Central Service Building for Physical Facilities occupancy which includes the move of the University Architect's Office from the Research Center.

General Contract

Date Received	May 5, 1977
No. of Bids:	5
Low Bid:	\$ 15,135.00*
High Bid:	\$ 33,295.00*
Estimate of Cost:	\$ 21,120.00*
Awarded to:	A. L. Meyer Construction Co., Inc. (Columbus, Ohio)

* Recommended alternates reflected in these figures.

June 8, 1977 meeting, Board of Trustees

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

CENTRAL SERVICE BUILDING REMODELING (contd)

Mechanical Contract

Date Received: May 5, 1977
No. of Bids: 2
Low Bid: \$ 7,170.00* **
High Bid: \$ 9,130.00*
Estimate of Cost: \$ 6,819.00
Awarded to: Limbach Company (Columbus, Ohio)

Electrical Contract

Date Received: May 5, 1977
No. of Bids: 3
Low Bid: \$11,300.00**
High Bid: \$13,456.00
Estimate of Cost: \$ 8,500.00
Awarded to: Demos Electric Company, Inc. (Columbus, Ohio)

Total All Contracts: \$33,605.00*

Total Contingency Allowance: -0-

Total Project Cost: \$35,000.00

Funding: H.B. 687, Utilities and Renovation (1975-77)

*Recommended alternates reflected in these figures.

**The Mechanical and Electrical Contracts are in excess of the filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

Upon motion of Mrs. James, seconded by Mr. Harrod, the foregoing resolution was adopted by unanimous roll call vote.

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June 8, 1977 meeting, Board of Trustees

**EASEMENT - CANNON DRIVE - LOOP ROAD EXTENSION -
OHIO DEPARTMENT OF TRANSPORTATION**

Resolution No. 77-137

Synopsis: Cannon Drive - Loop Road Extension Easement has been requested for approval.

WHEREAS the University intends to improve traffic patterns on University and public roadways through the construction of a bridge across the Olentangy River and through a slight relocation of old State Route 315 (hereinafter referred to as "Olentangy River Road") and through creation of proposed intersection at Campus Loop Road and Olentangy River Road; and

WHEREAS the University has received a request from the Ohio Department of Transportation for an easement over certain University (State of Ohio) lands for highway purposes to realign Olentangy River Road in connection with said improvement as follows: beginning at a point approximately 100 feet north of the overpass of the new State Route 315 and 130 feet due south of the proposed Campus Loop Road and Olentangy River Road intersection; having a width of approximately 112.50 feet at its southwest section and tapering to approximately 70 feet at its northeast section to a point near the pedestrian bridge over the existing Olentangy River Road; said easement varies in length from approximately 675 feet to 425 feet; 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 Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for said easement.

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

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**TRANSFER WPBO-TV FROM OHIO EDUCATIONAL TELEVISION NETWORK
COMMISSION TO THE OHIO STATE UNIVERSITY**

Resolution No. 77-138

Synopsis: The transfer of WPBO-TV from Ohio Educational Television Network Commission to The Ohio State University is being proposed.

June 8, 1977 meeting, Board of Trustees

**TRANSFER WPBO-TV FROM OHIO EDUCATIONAL TELEVISION NETWORK
COMMISSION TO THE OHIO STATE UNIVERSITY (contd)**

WHEREAS The Ohio State University and the Ohio Educational Television Network Commission have worked in concert to develop WPBO-TV, Channel 42 in Portsmouth, Ohio, so the benefits of educational television could be extended to that region; and

WHEREAS said station has been constructed by the Ohio Education Television Network as part of its plan for state-wide service; and

WHEREAS said station has been operated since October 1, 1973, by The Ohio State University; and

WHEREAS the state educational television plan includes provisions for the transfer of the station license to The Ohio State University and those conditions will be stipulated in related applications to the Federal Communications Commission and in mutual assurances exchanged between these parties; and

WHEREAS basic financial support for the operation of this station has been provided through grants from the Ohio Board of Regents, and is expected to continue, to be provided by the Board of Regents:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University does hereby authorize the President, or his designated representative, to execute documents which will transfer the license of WPBO-TV from the Ohio Educational Television Network Commission to The Ohio State University.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 77-139

RESOLVED, that the report on the University's Investment Portfolio dated June 6, 1977, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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June 8, 1977 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 22, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Vice Chairman

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APPENDIX V

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
August 31, 1977

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Graduate School

Dean: Jules B. LaPidus

Field of Specialization and Adviser are in Italics

Doctor of Musical Arts

Two candidates

Bruce David Liles, Springfield; A.B. (Trevecca College); M.S.M. (Wittenberg University); *Music; Dr. Mario R. Alch*
Linda Nell Phillips, Kalamazoo, Mich.; B.M., M.M. (Western Michigan University); *Music; Dr. William Poland and Dr. Rosemary Platt*

Doctor of Philosophy

Two hundred and eight candidates

David Charles Abbott, Columbus; B.Relig.Ed. (Detroit Bible College); M.A. (Eastern Michigan University); *Education; Dr. Paul R. Klohr*

Yair Abraham, Hod Hasharon, Israel; B.A. (Hebrew University of Jerusalem); M.A.; *Psychology; Dr. Herbert E. Rice*

Benigno Emilio Aguirre, Columbus; B.A. (Florida State University); M.A. (Tulane University); *Sociology; Dr. William Petersen*

Muna Younis Al-Bahri, Baghdad, Iraq; Lic. (Tahrir College); M.Ed.; *Education; Dr. Charles M. Galloway*

Michael Louis Allain, Chicago, Ill.; B.A. (Northeastern Illinois State College); M.A.; *Classics; Dr. Robert J. Lenardon*

Edith Evelyn Kroo Allouche, Columbus; B.A., M.A.; *Education; Dr. Gilbert A. Jarvis*

Manohar Ganeshrao Arur, Bombay, India; B.E.Civ.Engr. (University of Poona); M.S.; *Geodetic Science; Dr. Ivan I. Mueller*

Bruce Edward Badke, Columbus; B.A. (Adelphi University); M.A.; *Psychology; Dr. Samuel H. Ostrow*

Charold Morris Baer, Columbus; B.S.Nurs., M.S.; *Education; Dr. John B. Hough*

Robert Lee Baker, Jr., Lithia Springs, Ga.; A.B., M.B.E. (Georgia State University); *Education; Dr. Mildred Hilestad*

Bernard M. Barbadora, Nanuet, N.Y.; B.S. in Ed., M.S.Ed. (University of Dayton); *Education; Dr. Edwin G. Novak*

Bruce Marvin Barlow, Sabina; B.S. in Edu. (Wilmington College); M.A.; *Education; Dr. Raphael O. Nystrand*

Michal Barszap, Columbus; B.A. (Saint Peter's College); M.A.; *Slavic Languages and Literatures; Dr. Jerzy R. Krzyzanowski*
Dr. Jerzy R. Krzyzanowski

Rodney LeRoy Bassett, Kirkland, Wash.; B.A. (Seattle Pacific College); M.A.; *Psychology; Dr. Bibb Latane*

Roger Stephen Bauer, Paterson, N.J.; A.B. (Rutgers University); *Chemistry; Dr. Lawrence J. Berliner*

Donald Charles Baumer, Columbus; A.B. (Ohio University); M.A.; *Political Science; Dr. Randall B. Ripley*

Dorothy Unseth Behling, Columbus; B.S.H.E., M.S.; *Home Economics; Dr. Lois E. Dickey*

David Ray Bender, Columbus; B.S. (Kent State University); M.S. (Case Western Reserve University); *Education; Dr. John C. Belland*

Gary Lee Bennett, Galva, Ia.; B.S. (Iowa State University); M.S.; *Animal Science; Dr. Louis A. Swiger*

John Thomas Bernert, Jr., Steubenville; B.A. (College of Steubenville); M.S. (Vanderbilt University); *Physiological Chemistry; Dr. Howard W. Sprecher*

Rosie Phillips Bingham, Columbus; B.A. (Elmhurst College); M.A.; *Psychology; Dr. W. Bruce Walsh*

Shortie McKinney Blankenship, Columbus; B.S. (Marshall University); M.S.; *Home Economics; Dr. Rachel M. Hubbard*

Margaret Stanley Boone, Columbus; B.A. (George Washington University); M.Ed. (University of Florida); M.A.; *Anthropology; Dr. John W. Friedl*

Josef Friedrich Bossart, Manotick, Ont., Canada; B.S. (Carleton University); *Pharmacy; Dr. Duane D. Miller*

Serena Moody Bradshaw, Columbus; B.A. (Colorado State University); *History; Dr. Bradley Chapin*

James Alfred Breaugh, Waltham, Mass.; A.B. (Boston College); M.A.; *Psychology; Dr. Richard J. Kimoski*

Donald Ray Britton, Longmont, Colo.; B.A. (University of Colorado); *Pharmacology; Dr. Joseph R. Bianchine*

Arturo Bronson, El Paso, Tex.; B.S., M.S. (University of Texas); *Metallurgical Engineering; Dr. George R. St. Pierre*

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- Candace Johnson Greenup, Columbus; B.S. M.Ed. Tech., M.S.; *Microbiology*; *Dr. Bruno J. Kolodziej*
- Jon Aubrey Hageseth, Columbus; B.A. (Augsburg College); M.A.; *Psychology*; *Dr. Lyle D. Schmidt*
- Dale Becker Hahn, Springfield; B.A. (Allegheny College); M.Ed. (Ohio University); *Health Education (Physical Education)*; *Dr. Mary K. Beyrer*
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- James Edward Hawkins, Columbus; B.A. (Oakwood College); M.A.; *Communication*; *Dr. Thomas A. McCain*
- Alfred Floyd Head, Wilberforce; B.S. Ed. (Kent State University); M.Ed. (Antioch College); *Education*; *Dr. William Moore, Jr.*
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- Bonnie Auerr Hilton, Columbus; B.A. (Framingham State College); M.S.; *Home Economics*; *Dr. Fern E. Hunt*
- Ronald Walter Hilton, Columbus; B.S., M.S. (Pennsylvania State University); *Accounting*; *Dr. Thomas J. Burns*
- Rowland Barry Hobart, Dural, Australia; B.A., Diploma in Ed. (University of Queensland); M.Ed. (University of Sydney); *Education*; *Dr. Aaron J. Miller*
- Shirley Patterson Hollingsworth, Fairborn; B.S. (Abilene Christian College); M.Ed. (Texas Woman's University); *Education*; *Dr. Victor M. Rentel*
- David Hopton, Worthington; B.A., M.A.; *Education*; *Dr. Roy A. Larmee*
- Jenq-Rong Hsu, Taipei, Taiwan; Diploma (Taiwan Provincial Taipei Institute of Technology); M.S. (University of Wisconsin); *Civil Engineering*; *Dr. Tien H. Wu*
- Shau-Wing Cloud Hsueh, Taipei, Taiwan; B.A. (National Chengchi University); M.A.; *Communication*; *Dr. Robert E. Monaghan*
- Abhaya Indrayan, Meerut, India; B.Sc., M.Sc. (Meerut University); M.S.; *Statistics*; *Dr. Jagdish S. Rustagi*
- Marion Rose Johnson, London, Ont., Canada; B.A. (University of Western Ontario); M.A. (University of Toronto); *Linguistics*; *Dr. Arnold M. Zwickly*
- Wendell Benoy Joseph, Dayton; B.S., M.B.A. (University of Dayton); *Business Administration*; *Dr. Clark Leavitt*
- Sunil Vasantrao Kakodkar, India; B.Sc., M.S. (University of Bombay); M.Phil. (University of London, England); *Pharmacy*; *Dr. Donald T. Witiak*
- Robert Neal Kantor, University City, Mo.; B.A. (University of Missouri); M.A.; *Linguistics*; *Dr. Arnold M. Zwickly*
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- Jaquelyn Smith Kibbey, Columbus; B.A. Art. Ed., M.A.; *Art Education*; *Dr. Arthur D. Eland*
- Chi Kyung Kim, Kangwon, Korea; B.S. (Seoul National University); M.S. (Konkuk University); *Microbiology*; *Dr. Robert M. Pfister*
- Juliet Willman Kincaid, Huntington, W. Va.; B.A. (Marshall University); M.A. (University of Colorado); *English*; *Dr. John M. Muete*
- Virginia Elizabeth Kniesner, Cleveland; B.M. (Kent State University); M.A.; *Music*; *Dr. William Poland*
- Joseph Robert LaChapelle, Columbus; B.S. Ed. (Wayne State University); M.F.A.; *Art Education*; *Dr. Kenneth Marantz*
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- Kirk Laurence Lamb, Gardner, Mass.; B.S. (Tufts University); M.Ed. (Boston College); *Psychology*; *Dr. Lyle D. Schmidt*
- Richard Warren Lang, Wausau, Wis.; B.A. (Saint Olaf College); M.A.; *Economics*; *Dr. Edward J. Kane*
- John Milton Langloss, Henry, Ill.; B.S.L.A.S., B.S.V.M., D.V.M. (University of Illinois); *Veterinary Pathobiology*; *Dr. Edward A. Hoover and Dr. Charles C. Capen*
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- Frederic Karr Lawrence, Columbus; B.A., B.S. Ed., M.A.; *Education*; *Dr. Thomas M. Stephens*
- Barbara Anne Lee, Columbus; B.A. (University of Vermont); M.A.; *Education*; *Dr. Lonnie H. Wagstaff*
- Hee Joo Lee, Seoul, Korea; B.S. (Seoul National University); *Pharmacy*; *Dr. Donald T. Witiak*
- John Howard LeFever, Whittier, Calif.; A.B. (Occidental College); M.S., M.S.; *Mathematics*; *Dr. D. J. Ray-Chaudhuri*
- Allen Jolito Letsame, Pittsburgh, Pa.; A.B. (Lincoln University); *Pharmacy*; *Dr. Donald T. Witiak*
- Eli Levine, Columbus; B.S. (Rutgers University); M.S. (Purdue University); *Entomology*; *Dr. Franklin R. Hall and Dr. David J. Horn*
- Kreg Allen Leymaster, Cedar Falls, Ia.; B.S. (Iowa State University); M.S. (University of Kentucky); *Animal Science*; *Dr. Walter R. Harvey*
- Martins Linouts, Mohnton, Pa.; B.S. (Albright College); *Anatomy*; *Dr. George F. Martin*
- Kopin Liu, Hsin Chu, Taiwan; B.S. (National Tsing Hua University); *Chemistry*; *Dr. John M. Parson*
- David Saul Loshin, Columbus; B.S. (Rochester Institute of Technology); O.D., M.S.; *Physiological Optics*; *Dr. Glenn A. Fry*
- Gerald Grey Lovedahl, Columbus; B.S. (Berea College); M.Ed. (Trenton State College); *Education*; *Dr. Donald G. Luz*
- Miles Hillard Lovingood, Columbus; B.S. Agr., M.S.; *Agricultural Education*; *Dr. Ralph E. Bender*
- Gregory Allen Mack, Defiance; B.S., M.S.; *Statistics*; *Dr. Douglas A. Wolfe*
- Denise Felicia Mahone, Tuskegee Institute, Ala.; B.S., M.Ed. (Tuskegee Institute); *Education*; *Dr. William D. Dowling*
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- Elke Boeshers Morgan, Columbus; *Zwischenprüfung (Ruhr Universität, Germany)*; M.A.; *German*; *Dr. Johanna S. Belkin*
- Marcia Finley Muth, Columbus; B.A. (Pomona College); M.A. (Claremont Graduate School); *English*; *Dr. Robert C. Jones*
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- Harry Marshall Olson, Rockville, Conn.; B.S. (Dickinson College); D.V.M.; *Veterinary Physiology and Pharmacology*; *Dr. Charles C. Capen*
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- Fuh-Feng Pan, Columbus; B.S. (Taiwan Cheng Kung University, Taiwan); *Physics*; *Dr. David G. Stroud*
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- Kenneth Anthony Skau, Columbus; B.S.Pharm.; *Pharmacy*; *Dr. Michael C. Gerald*
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- Roger Dale Smither, Tiffin; A.B. (Taylor University); M.A. (Ball State University); *Communication*; *Dr. Jack E. Douglas*
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University); *Poultry Science*;
Dr. John R. Chipley

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Dr. Frank M. Fletcher

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B.A., M.A.; *Geography*; *Dr. Kevin R. Cox*

Constance Wamboldt, Azusa, Calif.; B.A.,
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Education*; *Dr. Lewis A. Hess*

Thomas Michael Wandzilak, Franklin
Square, N. Y.; B.A., M.S. (Queens College);
Physical Education; *Dr. Barbara A. Nelson*

Paul Lafayette Webb, II, Marion; A.B.
(University of Redlands); B.D. (Eastern
Baptist Theological Seminary); M.A.;
History; *Dr. Bradley Chapin*

Stuart Little Weibel, Honolulu, Hawaii;
B.S. (Ohio Dominican College); *Pharmacy*;
Dr. Harold H. Wolf

Gary Leroy Wells, Manhattan, Kan.; B.S.
(Kansas State University); *Psychology*;
Dr. Anthony G. Greenwald

Kenneth Parmelee Wilcox, Flint, Mich.;
B.A. (Oakland University); M.A.;
German; *Dr. Wolfgang Witkowski*

Dennis Irwin Wool, Columbus; B.A.
(Western Maryland College); M.S.
(University of Tennessee); *Education*;
Dr. Thomas M. Stephens

Charles Leslie Wright, Columbus; A.B.
(University of Michigan); Mestré
(University of Sao Paulo, Brazil);
*Agricultural Economics and Rural
Sociology*; *Dr. Richard L. Meyer*

John Wesley Wright, II, Columbus; B.A.,
M.A. (Florida Technological University);
Communication; *Dr. Thomas A. McCain*

Tommy Wright, Knoxville, Tenn.; B.S.
(Knoxville College); M.S. (University
of Tennessee); M.S.; *Statistics*;
Dr. Jagdish S. Rustagi

Joanna Yee Yang, Kaoshiung, Taiwan;
B.Com. (National Cheng-Chi University);
M.S.; *Statistics*; *Dr. Jagdish S. Rustagi*

Krystine Irene Yaworsky, McAdoo, Pa.;
B.A. (College Misericordia); M.A.;
Psychology; *Dr. Neal F. Johnson*

Peng Yen, Taipei, Taiwan; B.S. (Fu-Jen
Catholic University); M.S.; *Physics*;
Dr. Philip E. Wigen

Wayne Steven Zirkin, Columbus; B.S.
(Brooklyn College); M.S. (University of
Colorado); *Physical Education*;
Dr. Seymour Kleinman

Diana M. Zuckerman, Columbus; A.B.
(Smith College); M.A.; *Psychology*;
Dr. Samuel H. Ostipow

Certificate of Specialist in Translation from the Russian Social Sciences

One candidate

Susan Slocum, Westerville;
B.A. (University of Maine)

Master of Accounting

Two candidates

J. Randall Beyer, Columbus;
B.S.Bus.Adm.; *Accounting*

Abdussalam Sultan Maammer,
Tripoli, Libya;
B.A. (University of Libya); *Accounting*

Master of Architecture

Four candidates

Kun-Hyuck Ahn, Seoul, Korea;
B.Sc.Eng. (Seoul National University);
Architecture

William Carroll Andrews,
New Philadelphia;
B.S.Arch.; *Architecture*

John David Bourdo, Columbus;
B.A., B.S.Arch.; *Architecture*

Carla J. Cooper, Waverly;
B.S.Arch.; *Architecture*

Master of Arts

Four hundred and forty-two candidates

Gwen Annette Abbott, Omaha, Neb.;
B.S.Ed.; *Education*

Margaret K. Addington, Wooster;
B.S.Ed. (Otterbein College); *Education*

Marc Douglas Ahmay, Marion;
B.S.Ed.; *Education*

John Michael Amann, Columbus;
B.S.Ed.; *Education*

Ivy Lee Amos, Mansfield;
B.S.Ed.; *Education*

David Emerson Andreas, Sugar creek;
B.S.Ed.; *Education*

Diane Lynne Andrick, Columbus;
B.A. (Bethany College); *Education*

Deborra Horn Armstrong, Columbus;
B.A.; *Journalism*

Fauzia Ammar Attia, Tripoli, Libya;
B.A. (University of Libya); *Philosophy*

Kathleen Bacon, Darien, Ga.;
B.S. (Fort Valley State College); *Education*

Bruce Bain, Newark;
B.S.Ed.; *Education*

Birdena Banks, Freehold, N. J.;
B.S. (Trenton State College); *Education*

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- Charles Edward Caudill, Franklin;
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- Robert W. Rickard, Columbus; B.A. (Capital University); *Education*
- William George Rickett, Wooster; B.S.Ed.; *Journalism*
- Leslie Alan Rinehart, Ashville; B.S.Bus.Adm.; *Physical Education*
- Robert Marvin Rinehart, Columbus; B.S.Ed.; *Education*
- Gary Kipp Ritcher, Peru, Ill.; B.S.Bus.Ed. (University of Illinois); *Music*
- James Joseph Rocco, Pittsburgh, Pa.; B.S. (University of Pittsburgh); *Physical Education*
- Beth A. Rockwell, Gary, Ind.; B.A. (Purdue University); *Education*
- Libby E. Roll, Marion; B.Ed. (University of Toledo); *Education*
- George Ruppel, Jr., Seaford, N. Y.; B.A. (Saint John Fisher College); *Psychology*
- Leila Pierce Russo, Columbus; B.S.Ed.; *Education*
- Dianne Wood Ryan, Buckeye Lake; B.S.Ed.; *Education*
- Kenneth E. Sahl, Conneaut; B.S.Ed.; *Education*
- Christine Sanders, Woodville; B.S.H.S.S. (Ohio University); *Education*
- Carol Joann Saunders, Neffs; B.S.Ed. (Ohio University); *Education*
- Janet A. Sayre, Cincinnati; A.D.Ed., B.S.Ed. (University of Cincinnati); *Education*
- Mary Margaret Scheetz, Westerville; B.A. (Ohio University); *Education*
- Mary Stevenson Scherff, Mansfield; B.S.Ed.; *Education*
- Kathleen Miller Schindler, Upper Sandusky; B.S.Ed. (Bowling Green State University); *Education*
- Janet A. Schmidt, Chagrin Falls; B.A. (Allegheny College); *Education*
- Rebecca Wilson Schmidt, Kenton; B.B.E. (Eastern Michigan University); *Education*
- Charles David Schorr, Marion; B.S.Ed. (Ohio University); *Education*
- Victoria Miller Scowden, Columbus; B.S.Ed.; *Education*
- Sharon E. Banks Senter, South Bend, Ind.; B.S. (Tennessee State University); *Education*
- Glenn C. Serfass, Leighton, Pa.; B.S. (East Stroudsburg State College); *Physical Education*
- Bruno S. Sestito, Jr., Columbus; B.S.Ed.; *Education*
- Craig A. Shade, Columbus; B.S.Ed. (Ohio University); *Education*
- Judith Ann Stein Shafer, Columbus; B.S.; *Education*
- Robert Shalom Shar, Columbus; B.A. (Yeshiva University); *Journalism*
- Marie A. Shellock, Hubbard; A.B. (Youngstown State University); *Journalism*
- Barbara J. Shields, Gahanna; B.S.Ed. (Otterbein College); *Education*
- Edward I. Sidlow, Southfield, Mich.; B.S. (Eastern Michigan University); *Physical Science*
- Suzan Neibarger Siegel, Gahanna; B.S.Ed. (Otterbein College); *Education*
- Marie Campbell Singleton, Columbus; B.S.Ed. (Miami University); *Education*
- Katherine Mary Skala, Columbus; B.S.Ed. (Ohio University); *Education*
- Janet Louise Tavener Smith, Newark; B.A. (Muskingum College); *Classics*
- Peggy Welch Smith, Warren; B.S.Ed. (Kent State University); *Education*
- Polly Ann Wirges Snider, Columbus; B.S. (Case Western Reserve University); *Education*
- Elizabeth Ferguson Soppelsa, Columbus; A.B. (Oberlin College); *English*
- Forrest Dawson Sorensen, Columbus; B.S.Ed.; *Education*
- Susan Mary Spadinger, Buffalo, N. Y.; B.A. (Daemen College); *Education*
- Janice Mapes Stafford, Elmira, N. Y.; B.A.Ed. (State University of New York College at Cortland); *Education*
- Claudia Ann Steger, Columbus; B.S.Ed. (Daemen College); *Public Administration*
- Tempest Brewster Stein, Pickerington; B.S.Ed.; *Education*
- William John Stemen, Columbus; B.S.Ed.; *Education*
- Jeanette E. Stepanske, Mt. Vernon; B.S.Ed. (Andrews University); *Education*
- Ronald Keith Stephens, Springboro; B.S. (Cumberland College); *Education*
- Martin Richard Stern, Columbus; B.S.Ed. (University of Toledo); *History*
- Kathy Diane Stewart, Oxford, Ga.; B.S.Ed. (Kentucky State University); *Education*
- Marsha Celeste Still, Washington, D. C.; B.S.Ed. (Hampton Institute); *Education*
- Sue Ann Stokes, Lancaster; B.S.Ed. (Bowling Green State University); *Education*
- Elizabeth A. Stopher, Mt. Vernon; B.A. (Aurora College); *Education*
- Mary Ellen Strahm, Barlow; B.M. (Ohio University); *Music*
- Stephen Michael Sturm, Winchester, Pa.; B.A. (Walsh College); *Public Administration*
- Linda K. Suci, Worthington; B.A. (Hanover College); *Education*
- Carol Ann Sutton, Indianapolis, Ind.; B.A. (Purdue University); *Psychology*
- James E. Swabley, Norwalk; B.S.Ed.; *Education*
- Jane Elizabeth Switzer, Niagara Falls, N. Y.; B.S. (Purdue University); *Education*
- Edward L. Swope, Philo; B.S.Ed.; *Education*
- Marilyn Kay Talkington, Oakland, N. J.; B.S.Ed. (Indiana University); *Education*

- Audrey J. Talman, Mansfield;
B.S.Ed.; *Education*
- Carl E. Teagardner, Jr., Columbus;
B.S.Ed.; *Education*
- John Linwood Thatch, Hartford, N. C.;
B.S. (Elizabeth City State University);
Black Studies
- Mary Ann Theado, Columbus;
B.A.Ed. (Ohio Dominican College);
Education
- Gail Elliott Thomas,
Colorado Springs, Colo.;
B.A. (University of Northern Colorado);
Education
- Nora Eileen Thombs, Delaware;
B.S.Ed.; *Education*
- Paul M. Thompson, Columbus;
A.B. (Loyola University); *Journalism*
- Terry K. Thompson, Newark;
B.A. (Denison University); *Education*
- Janet Todd, Columbus;
B.S.Ed. (California State College in
Pennsylvania); *Education*
- Jenifer Beth Toth, Mantua;
B.A.Ed. (University of Akron); *Education*
- Linda M. Trent, Bellville;
B.A. (Ashland College); *Education*
- Steven Gregory Cordell Trent, Grove City;
A.B. (Capital University); *Education*
- Mary Freer Trimble, Worthington;
B.A. (Heidelberg College); *Education*
- Stephen Allen Troehler, Circleville;
B.F.A., B.Art Ed.; *Education*
- Albert Ross Trombetti, Steubenville;
B.S.Bus.Adm.; *Education*
- Evelyn Turner, Philadelphia, Pa.;
B.S.Ed. (Cheyney State College); *Education*
- Judy Hill Umack, Columbus;
B.S.Ed. (Kent State University); *Education*
- Esther Mae Underwood, Richmond, Va.;
B.A. (Saint Augustine's College);
Education
- Ronald Frank Underwood, Columbus;
B.S.Ed.; *Education*
- Susan M. Vahey, Youngstown;
B.S.Ed.; *Education*
- Sister Rose Ann Van Buren, Lancaster;
B.S.Ed. (Ohio Dominican College);
Education
- Hugo E. Verenzuela H., Caracas, Venezuela;
Profesor de Educacion (Instituto
Pedagogico Universidad); *Education*
- James Richard Vince, Springfield;
B.A. (Ohio Wesleyan University);
Public Administration
- Carolyn Jo Virgil, Goshen, Ind.;
B.S.Ed. (Ball State University); *Education*
- Joseph Michael Visci, East Cleveland;
B.A. (Ohio Wesleyan University);
Journalism
- Andrew B. Vishner, Phoenix, Ariz.;
B.A. (Arizona State University);
Philosophy
- Linda McMains Waite, Columbus;
B.S.Ed.; *Education*
- Susan Belge Waksmundski, Columbus;
B.S.Ed. (Ohio University); *Education*
- Gail Theresa Walker, Petersburg, Va.;
B.A. (Saint Augustine's College);
Education
- Donna Lynne Wallace, Williamstown, N. J.;
B.A. (Hampton Institute);
Public Administration
- James Phillip Wallace, Columbus;
B.A. (Judson College); *Music*
- Lewis S. Wallace, Jr., Washington, D. C.;
A.B. (Syracuse University); *Education*
- Linda Carol Walters, Knoxville, Tenn.;
B.A. (Carson-Newman College); *Education*
- Virginia P. Walther, Columbus;
B.S.Ed. (Capital University); *Education*
- John William Warren, Cumberland, R. I.;
B.S. (University of Rhode Island);
Journalism
- Bruce William Wasem, Birmingham;
B.A. (Bluffton College); *Physical Education*
- Bookecia M. Washington, Fort Pierce, Fla.;
B.S. (Bethune Cookman College);
Physical Education
- Sandra S. Weaver, Alliance;
B.A.; *Education*
- Marleen Schroeder Wehri, Columbus;
B.A. (College of Mount Saint Joseph on
the Ohio); *Education*
- Ross Anthony West, Pine Bluff, Ark.;
B.Mus.E. (University of Arkansas); *Music*
- Mark Daniel Westbrook, Columbus;
B.S.Ch.E., M.S.; *Economics*
- Edward Dennison Wilgus, III, Canton;
B.M. (Kent State University); *Education*
- Eddie Bernard Williams, Indianapolis, Ind.;
B.S. (Bishop College); *Education*
- Deborah Diane Wilson, Piedmont, S. C.;
B.A. (Johnson C. Smith University);
Education
- Robert Lanier Wilson, Columbus;
B.A.F.P.A., B.S.Ed. (Kent State
University); *Education*
- David John Wine, Mt. Vernon;
A.B. (Olivet Nazarene College); *Education*
- Elizabeth Ann Wolverton, Newark;
B.A. (Muskingum College); *Education*
- Virginia Woodring, Granville;
B.S.Ed.; *Education*
- Joyce Ann Yessenow, Lima;
B.S.Ed.; *Education*
- Christine Allen Yingst, Dublin;
B.S.Ed.; *Education*
- Michael Joseph Yosha, Chicago Heights, Ill.;
A.B. (University of Illinois);
Political Science
- Thomas L. Young, Lexington;
B.S. (Eastern Nazarene College);
Education
- William Joseph Zahn, Marion;
B.S.Ed.; *Education*
- James W. Zarzyczyn, Marion;
B.S.Ed.; *Education*
- James Thomas Zebroski, Warren;
B.S.Ed.; *Education*
- Master of Business Administration**
Twenty-nine candidates
- Mary R. Babcox, Akron;
B.A. (Emory University);
Business Administration
- Glenn Michael Barnhart, Dayton;
B.S.Food Tech.; *Business Administration*
- Michael Joseph Bayer, St. Marys;
B.S.Bus.Adm.; *Business Administration*
- Kofi Quandahor Dadzie, Axim, Ghana;
B.Sc. (University of Ghana);
Business Administration
- William E. Favret, Jr., Columbus;
B.S.Bus.Adm.; *Business Administration*
- Alan Fortini-Campbell, Cleveland;
B.A.; *Business Administration*
- Cheryl Bryant Foster, Worthington;
B.S.; *Business Administration*
- John William Grenier, New Haven, Conn.;
B.A.; *Business Administration*
- Steven George Himes, Springdale;
B.S.Bus.Adm.; *Business Administration*
- Jerome Cronin Kienle, Columbus;
B.S.Bus.Adm.; *Business Administration*
- David Curtis Ling, Memphis, Mich.;
B.S.Bus.Adm. (Central Michigan
University); *Business Administration*
- Betsy A. McClung, Tiffin;
B.A. (Miami University);
Business Administration
- George E. McCormie, Ashland;
B.A., M.P.A.; *Business Administration*
- Larry Tilmon Mercer, Columbus;
B.A., M.S.; *Business Administration*
- Richard W. Moe, Columbus;
B.S.M.E. (University of Wisconsin);
Business Administration
- Charles LaVerne Moore, Jr.,
Memphis, Tenn.;
B.S.E.E. (Memphis State University);
M.S.; *Business Administration*
- Ronald Karl Nims, Troy;
B.S.Bus.Adm.; *Business Administration*
- Lawrence S. Ogren, Wilmington, Del.;
B.S.Bus.Adm. (University of Delaware);
Business Administration
- Earl John Rice, St. Clairsville;
B.A.; *Business Administration*
- Lawrence R. Rittgers, Logan;
B.A.; *Business Administration*
- James Philip Samp, Cincinnati;
B.S.Bus.Adm.; *Business Administration*
- Joan B. Sharp, Jamestown, N. Y.;
B.A. (Ohio Wesleyan University);
Business Administration
- Thomas Edward Simon, Erie, Pa.;
B.A. (Allegheny College);
Business Administration
- David Edwin Stanley, Canfield;
B.S. (David Lipscomb College);
Business Administration
- Donald G. Stickel, West Milton;
B.A.; *Business Administration*
- William E. Storts, Amlin;
B.A. (Ohio Wesleyan University);
Business Administration

Shirley M. Stretch, Bowling Green;
B.S.H.E. (University of Nebraska);
M.S. (Kansas State University);
Business Administration

Mary Jo Van Heyde, Columbus;
B.S.Ed.; *Business Administration*

Yalaguradappa B. Yalavar. Bijapur, India;
B.Comm., M.Comm. (Karnatak University);
Business Administration

Master of City and Regional Planning

Seven candidates

Paul B6dy, Denver Colo.;
B.S. (Creighton University);
M.A., Ph.D. (University of Notre Dame);
City and Regional Planning

Patrik George Bowman, Columbus;
B.A. (Drake University);
City and Regional Planning

Keith H. Burrell, East Elmhurst, N. Y.;
B.A. (Queens College);
City and Regional Planning

Sumonta Jarupan, Bangkok, Thailand;
M.Arch.; *City and Regional Planning*

*Carolyn Collins Murphy, Columbus;
B.A.; *City and Regional Planning*

Edward C. Snyder, Columbus;
B.S.; *City and Regional Planning*

Mary Karen Wilson, Blanchester;
B.A.; *City and Regional Planning*

Master of Fine Arts

Eight candidates

Leslie Kirpich Brill, New Rochelle, N. Y.;
B.F.A. (Cornell University); *Art*

Ronna L. Gilbert, Buffalo;
B.F.A. (State University of New York at
Buffalo); *Art*

Terry Keith Hunter, Gifford, Fla.;
B.S. (Florida A & M University); *Art*

Carlyle David Johnson, Cleveland;
B.F.A.; *Art*

Jonathan J. Klapper, Wilkes-Barre, Pa.;
B.F.A. (Pennsylvania State University);
Art

Helen L. Komives, Columbus;
B.F.A. (Illinois Wesleyan University);
M.S.Ed. (Southern Illinois University); *Art*

Steven G. Minnick, Muncie, Ind.;
B.S., M.A. (Ball State University); *Art*

Nan S. Smith, Columbus;
B.F.A. (Temple University); *Art*

Master of Music

Six candidates

David Alan Congo, East Haven, Conn.;
B.Mus. (Western Connecticut State
College); *Music*

Bonnie Milinda Long, Middletown;
B.Mus.; *Music*

Walter Allen Morgan, Downey, Calif.;
B.Mus. (University of Redlands); *Music*

Mollie O'Meara Owen, Grove City;
B.S.Ed. (Rio Grande College); B.Mus.;
Music

Donald Eugene Stemen, Lithopolis;
B.Mus.Ed.; *Music*

Sarah Elizabeth Zeigler, Eden, N. C.;
B.Mus. (Meredith College); *Music*

Master of Public Administration

Two candidates

Donald Eugene Holycross, Jr., Columbus;
B.A. (Muskingum College);
Public Administration

Thomas Patrick Thornton, Youngstown;
B.S.C.E., M.S.; *Public Administration*

Master of Science

Two hundred and twenty-two candidates

Rajeev Agrawal, Rourkela, India;
B.Tech.; *Electrical Engineering*

Kevin Lee Alexander, Maumee;
B.S., O.D.; *Physiological Optics*

Ali-Amini, Tehran, Iran;
Licentiate (Tehran University);
Civil Engineering

David A. Anderson, Dayton;
B.S.M.E. (Rose Polytechnic Institute);
Mechanical Engineering

Gina Morales Arzaga, Quezon City,
Philippines; B.S. (University of the
Philippines); *Chemistry*

Paul Anthony Bajorek, Cleveland;
B.S. (University of Dayton);
Computer and Information Science

Habib Maurice Barakat, Beirut, Lebanon;
B.S.M.E.;
Industrial and Systems Engineering

Gary S. Becker, Washington, D. C.;
B.S. (Purdue University);
Agricultural Economics and Rural Sociology

Alireza Behbahani, Tehran, Iran;
B.S.E.E. (Utah State University);
Nuclear Engineering

Eileen June Bellar, Columbus;
B.S.Nurs. (Georgetown University);
Nursing

Constance Curtin Benner, Columbus;
B.S.All'd.Hlth.Prof.;
Allied Medical Professions

Michael Alden Berry, Houston, Tex.;
B.S. (Texas Christian University);
M.D. (University of Texas);
Preventive Medicine

Gary Vincent Blois, Lincoln Park, N. J.;
B.E.E. (University of Dayton);
Electrical Engineering

Craig Edwin Boblenz, New Bloomington;
B.S.Agr.; *Agricultural Education*

Douglas Wayne Bodkins, Springfield;
B.S.Met.E.; *Metallurgical Engineering*

Charlotte Anna Myra Borchers, Columbus;
B.S.; *Botany*

Lee Scott Boreen, Centralia, Wash.;
B.S.C.E. (Washington State University);
Civil Engineering

Daniel Keith Brannan, Albuquerque, N. M.;
B.S. (University of New Mexico);
Microbiology

Emily Ward Brown, Dayton;
B.S. (Bluefield State College);
Home Economics

Frederic T. Brown, Mt. Sterling;
B.S.Agr.; *Animal Science*

Ellen Greene Bush, Lima;
B.S.Nurs. (Capital University); *Nursing*

Charlotte Street Cain, Belpre;
B.S.Nurs.; *Nursing*

Robert Dennis Campbell, Pensacola, Fla.;
B.A., B.S. (University of West Florida);
Mathematics

Andrew Zbigniew Ceranowicz,
Waterbury, Conn.;
B.S.E. (University of Connecticut);
Electrical Engineering

Ching-Shu Chao, Hsinchu, Taiwan;
B.S.E.E. (National Chiao Tung
University); *Electrical Engineering*

Jerry Selsus Chasteen, Dayton;
B.S.Nutrition; *Animal Science*

Dennis G. Chef, Youngstown;
B.S. (Michigan State University);
Plant Pathology

Cheng Chen, Tainan, Taiwan;
B.S. (Tunghai University); *Chemistry*

Kwok-Sum Cheung, Kowloon, Hong Kong;
B.S.E.E. (University of Lowell);
Computer and Information Science

Chun-Hua Chuang, Taipei, Taiwan;
B.S. (Tunghai University); *Chemistry*

Mary Elizabeth Clark, Gallipolis;
B.S.H.E.; *Home Economics*

Mary Lou Clingan, Worthington;
B.S.Occ.Thor.; *Allied Medical Professions*

Jon C. Clouse, Wooster;
B.S.Pharm. (Ohio Northern University);
Pharmacy

Patrick W. Corcoran, Chillicothe;
B.S.Agr.; *Agronomy*

Harvey R. Crowder, Seattle, Wash.;
D.V.M. (Washington State University);
Veterinary Preventive Medicine

Mona Lee Crownover, Grove City;
B.A. (Capital University);
Natural Resources

Donald David Cunningham, Caldwell;
B.S.Agr.; *Agricultural Education*

Catherine Morgan Dally, Columbus;
B.S.Nurs.; *Nursing*

Lura Dasbach, Cleveland;
B.S.H.E. (University of Cincinnati);
Home Economics

John Paul Davis, Greenfield;
B.S.C.E. (Ohio Northern University);
Civil Engineering

Lelah Hoake Davis, Kansas City, Mo.;
B.S. (Iowa State University);
Allied Medical Professions

Gary Alan Deis, Kettering;
B.S.M.E.; *Mechanical Engineering*

Patricia Fetzter DeRousie, Columbus;
B.S.N. (University of Michigan); *Nursing*

William E. Dorogy, Jr., Murrysville, Pa.;
B.S. (Lehigh University); *Chemistry*

Cynthia Ann Drainer, Geneva;
B.S.H.E. (Baldwin-Wallace College);
Home Economics

* Also Master of Arts, Graduate School

- *David Andrew Ebert, Cardington; *Home Economics*
Animal Science
- Alan Egger, Lakewood, Colo.;
B.S. (Colorado State University);
Mathematics
- Barry Alan Eisenberg, Canoga Park, Calif.;
B.S. (California Polytechnic State
University); *Horticulture*
- Daniel M. Ellis, Meadville, Pa.;
B.A. (Rider College); *Genetics*
- Mark Andrew Engstrom, Chagrin Falls;
B.A. (Bucknell University);
Animal Science
- Ann Halteman Everhart, Columbus;
B.A. (Oberlin College); *Mathematics*
- Patrick James Fell, Columbus;
B.S., M.A. (Pennsylvania State
University); *Geodetic Science*
- W. Sue Foglia, New Lebanon;
B.S.Ed. (Miami University);
Home Economics
- Freda Passmore Freeman, Marshall, Ark.;
B.S.E. (University of Central Arkansas);
Home Economics
- Maureen M. Friedman, Elmira, N. Y.;
B.S. (University of Rochester); *Nursing*
- Sandra L. Smith Fromm, Dayton;
B.S.Nurs. (Wright State University);
Nursing
- Kenneth H. Funk, II, Mansfield;
B.A. (Taylor University);
Industrial and Systems Engineering
- Julia Gallagher Galbreath, Troy;
B.S.Nurs.; *Nursing*
- Michael Anthony Gessner,
St. Clair Shores, Mich.;
B.S. (Wayne State University); *Chemistry*
- James Gingerich, Goshen, Ind.;
B.A. (Goshen College);
Agricultural Economics and Rural Sociology
- Timothy L. Glaros, Worthington;
B.S.Agr.; *Horticulture*
- Mary Therese Gnezda, Worthington;
B.A. (Ohio Wesleyan University);
Home Economics
- Terry Rand Gonsler, Rochester, Mich.;
B.S.Met.E. (Michigan Technological
University); *Welding Engineering*
- Julia Anne Gormley, Perrysburg;
B.A. (University of Toledo);
Allied Medical Professions
- Timmie L. Govenor, Charleroi, Pa.;
B.S. (University of Pittsburgh); *Chemistry*
- Anne Marie Graham, Columbus;
B.A. (Ohio Wesleyan University);
Chemistry
- Douglas William Gray, Lancaster, Pa.;
B.S. (Pennsylvania State University);
Zoology
- Roger Wayne Greenawalt, Beloit;
B.S.; *Agricultural Education*
- Laura H. Greene, Cleveland;
B.S.; *Physics*
- John Jacob Greenman, Bedford, Ind.;
A.B., M.A., M.D. (Indiana University);
Preventive Medicine
- Ali Mohamed Guima, Tripoli, Libya;
B.Sc. (University of Tripoli); M.S. (Ball
State University); *Physics*
- Annette Mary Haban, Columbus;
B.S.H.E.; *Home Economics*
- Mohammad Ali Habib Allah, Tehran, Iran;
B.Stat. (Institute of Advanced Statistics
and Automatic Information); *Statistics*
- Loretta Emily Haddy, Charleston, W. Va.;
A.B., M.A. (Marshall University);
Preventive Medicine
- Jon Mark Haden, Morgantown, W. Va.;
B.S. (West Virginia University);
Geology and Mineralogy
- Joseph D. Haines, Brookville;
B.S.E.E. (Ohio University);
Electrical Engineering
- Thomas John Hartman, Springfield;
B.S. (Westminster College);
Animal Science
- Nancy Evonne Hauer, San Diego, Calif.;
B.S.; *Zoology*
- Thomas David Haywood,
Berkeley Springs, W. Va.;
B.S. (Davis and Elkins College);
Mathematics
- Gary Conrad Heet, Greenville;
B.S.Agr.; *Natural Resources*
- Candace Higgins Hendershot, Avon Lake;
B.S.Nurs. (Capital University); *Nursing*
- Philip James Henderson, Trotwood;
B.S. (Florida Institute of Technology);
Mechanical Engineering
- Michael R. Heniken, Westerville;
B.A. (Otterbein College); *Zoology*
- Sandra Evans Hiatt, Massillon;
B.S.Nurs.; *Nursing*
- Nancy Throne Holloway, Wayne, Pa.;
B.S. (Pennsylvania State University);
Allied Medical Professions
- Morteza Hosseini, Mashad, Iran;
B.S.M.E.; *Mechanical Engineering*
- Joyce Metzler Hostetler, Columbus;
B.S. (Goshen College); *Nursing*
- Deborah Jo House, Columbus;
B.A.; *Home Economics*
- Gary L. Hubler, Baker, Ore.;
B.S. (Oregon State University); *Pharmacy*
- Sonia Hulman, Dayton;
B.S. (University of Michigan);
Biochemistry
- William Reed Huss, Baltimore, Md.;
B.A. (Gettysburg College); M.A.;
Industrial and Systems Engineering
- Joseph Michael Incarnato, Dover;
B.S.Nutrition; *Animal Science*
- Sherrie L. Ireland, Weston, W. Va.;
B.S.H.E. (West Virginia University);
Home Economics
- Michael E. Jackson, Lisbon;
B.A. (King's College); *Chemistry*
- Katharine Ann Janson, Twin Falls, Id.;
B.S. (University of Utah);
Home Economics
- Leayn Hutchinson Johnson, Elizabeth, Pa.;
B.S.Nurs. (Wright State University);
Nursing
- Richard Earl Jones, Ashland;
B.S.Agr.; *Agricultural Education*
- Farrokh Kayeh, Tehran, Iran;
Mechanical Engineering
- Janet Hill Kearney, Columbus;
B.S.H.E.; *Home Economics*
- Charles Loren Keith, Columbus;
B.S.C.E. (Ohio University);
Civil Engineering
- Colleen Clifford Keller, Phoenix, Ariz.;
B.S.Nurs. (Arizona State University);
Nursing
- Marcia Ornsby Kelty, Parma Heights;
B.S.; *Zoology*
- Diane Margaret Kimpel, West Jefferson;
B.S.Nurs. (Capital University); *Nursing*
- Penny Kay Kinkelaar, Fairview Park;
B.S.Nurs.; *Nursing*
- Rodney Maurice Kissell, Newark;
B.S.Agr.; *Agricultural Education*
- Scott D. Kleon, Winona;
B.S.Agr.; *Agricultural Education*
- Jerry Dale Koch, Garfield Heights;
B.S. (Case Institute of Technology); M.S.;
Computer and Information Science
- Frank Lynn Kokaï, Columbus;
B.S. (Capital University); *Zoology*
- Edwin Roy Kreis, Zanesville;
B.S.Agr.E.; *Agricultural Engineering*
- Viswanathan Krishnamoorthi,
Ayyampet, India; B.S. (Banaras Hindu
University); *Metalurgical Engineering*
- Roger Alan Krogwold, Rosholt, Wis.;
B.S., D.V.M. (University of Minnesota);
Veterinary Preventive Medicine
- John Michael Kudrick, Loretto, Pa.;
B.A. (Saint Francis College of
Pennsylvania); M.S. (Indiana University of
Pennsylvania); M.Div. (Saint Francis
Seminary); *Computer and Information
Science*
- Jacqueline Ellenor LaMuth, Painesville;
B.S.H.E.; *Home Economics*
- Wen-ping Lee, Sian, China;
B.Eng. (Chung Chen Institute of
Technology); *Geodetic Science*
- Mary Kathryn B. Leonard, Kettering;
B.S. (Syracuse University); *Nursing*
- Lim Shui Leung, Kowloon, Hong Kong;
B.S. (University of San Francisco);
Chemistry
- Susan Ellen Levine, Long Beach, N. Y.;
B.S.All'd.Hlth.Prof.; *Home Economics*
- Alden Henry Libby, Norwalk;
B.S. (Michigan State University);
Agricultural Education
- John McK. Luck, Canberra, Australia;
B.Sc. (University of Melbourne);
E.A. (Australian National University);
Geodetic Science
- Thomas James Luellen, Groveport;
B.S.Agr.; *Agricultural Education*
- Edward Ray Lulofs, Muskegon, Mich.;
B.S. (Michigan State University); *Physics*
- Cheryl Ann Lusk, Columbus;
B.S.H.E., B.S.Agr.; *Agricultural Education*
- Douglas B. Magilvy, Dayton;
B.F.A. (University of Cincinnati);
Allied Medical Professions

* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

- Minoo Mahdavi, Tehran, Iran;
Licentiate (University of Tehran);
Agronomy
- Peter Mangiacotti, Irvington, N. Y.;
B.E. (Manhattan College);
Electrical Engineering
- Seied Hossein Mansouri Ghiassi,
Tehran, Iran;
Statistics
- Sieglinde Martin, Columbus;
Krankengymnast (In) (University of
Cologne, Germany);
Allied Medical Professions
- Nan Lynne Maxwell, Kettering;
B.S.H.E. (University of Texas);
Home Economics
- Gary Lee Mayer, Crestline;
B.S. (University of Notre Dame);
Civil Engineering
- Steven Clayton McCaw, Columbus;
B.S.Ed.; *Natural Resources*
- Michael Alan McDonald, Morrison, Ill.;
B.S. (Bradley University);
Computer and Information Science
- Eatyn R. Mead, Bellingham, Wash.;
B.S. (Oregon State University); *Zoology*
- Carolyn Rebecca Meranda, Georgetown;
B.S.H.E.; *Home Economics*
- Timothy G. Meyer, Cincinnati;
B.S.Agr. (Purdue University);
Agricultural Education
- Hrushikesh Narhar Mhaskar,
Nagpur, India;
B.Sc. (Nagpur University); *Mathematics*
- Claudia T. Miles, Columbus;
B.S.; *Entomology*
- Melody Anne Miller, Fremont;
B.S.H.E. (Miami University);
Home Economics
- Alice Wittmeyer Mills, Columbus;
Animal Science
- Aida Maria Montequin,
Guaynabo, Puerto Rico;
B.A.Ed. (University of Puerto Rico);
Home Economics
- Marilyn Moore, Soperton, Ga.;
B.S. (Fort Valley State College);
Home Economics
- Molly Jean Moran, New Philadelphia;
B.S.Nurs.; *Nursing*
- Malcolm Robert Morrison,
Christchurch, New Zealand;
B.E. (University of Canterbury);
Civil Engineering
- Matthew K. Musho, Levittown, Pa.;
B.S. (Juniata College); *Chemistry*
- James Francis Mutchler, Norwalk;
B.S.Agr.; *Agricultural Education*
- Kathleen Kons Oriedo, Appleton, Wis.;
B.S. (University of Wisconsin);
Agricultural Economics and Rural Sociology
- C. Bayard Paschall, III, Wilmington, Del.;
B.A. (Tufts University); *Dairy Science*
- Zahra Paydar, Tehran, Iran;
B.S. (University of Tehran);
Agricultural Engineering
- Harry E. Peery, Ithaca, N. Y.;
B.S. (Syracuse University); *Microbiology*
- William Joseph Pegram, Charlotte, N. C.;
B.S. (University of North Carolina);
Geology and Mineralogy
- Lorri Ann Patton Porcello,
Cleveland Heights;
B.S. (Purdue University); *Home Economics*
- Donna Porter, Columbus;
B.S. (State University of New York College
at Plattsburgh); *Home Economics*
- Robert Alex Posgai, Dillonvale;
B.S.Ed. (Ohio University);
Natural Resources
- Henry Clifford Puch, Rayland;
B.S.Agr.; *Animal Science*
- Thomas William Rackers, Newport, Ky.;
B.A. (Thomas More College); *Physics*
- Gwendolyn D. Raleigh, Greensboro, N. C.;
B.S. (North Carolina A & T State
University); *Home Economics*
- Craig Carlisle Ramsey, Glenside, Pa.;
B.S.Chem. (Purdue University); *Biophysics*
- Mohamad Karaminezhad Ranjbar,
Rafsanjan, Iran;
B.S. (Arya-Mehr University of
Technology); *Metallurgical Engineering*
- Alfred William Reader, Portsmouth;
B.S., D.D.S.; *Dentistry*
- David Lee Roberts, Radnor;
B.S.Agr.; *Plant Pathology*
- Marlene Gaie Rideout Rubenfeld, Columbus;
B.S.Nurs. (Hartwick College); *Nursing*
- Dean Edward Rule, Columbus;
Horticulture
- William Mark Ruof, Pittsburgh, Pa.;
B.S.W.E.; *Welding Engineering*
- Milton Russell Rutter, North Kingsville;
B.S. (United States Air Force Academy);
Botany
- Tej Sastri, Bangkok, Thailand;
B.Eng. (Chulalongkorn University);
M.S.E. (University of Michigan);
Industrial and Systems Engineering
- Traian Ioan Saveanu, Columbus;
Diploma of Physician (Institute of Medicine
and Pharmacy, Romania);
Preventive Medicine
- Thomas Arthur Schmitkons, Lorain;
B.S. (Calvin College); *Chemistry*
- Lillian M. Schoephoerster, Columbus;
B.S. (University of Wisconsin);
Home Economics
- Frederick Grant Scoles, Bluffton;
B.S.Nat.Res.; *Natural Resources*
- Bernard J. Scott, Tontogany;
B.S.Agr.; *Agricultural Education*
- Timothy Allen Shankland,
Indianapolis, Ind.;
B.S. (University of Toledo);
Electrical Engineering
- Lee Karen Sharr, Salem, Va.;
B.S. (Longwood College); *Mathematics*
- James Robert Sheppard, Dayton;
B.S. (Case Western Reserve University);
Physics
- Tony Mark Sherry, Versailles;
B.S.; *Agricultural Education*
- Richard G. Shields, Jr., Bethel Park, Pa.;
B.S. (Pennsylvania State University);
Animal Science
- Cynthia Ellen Shiffer, Plantation, Fla.;
B.S.N. (Barry College); *Nursing*
- Ying Shih, Taipei, Taiwan;
B.S. (National Taiwan University);
Mathematics
- Marvin Leroy Shively, Columbus Grove;
B.S.Agr.; *Agricultural Education*
- Karen J. Simmerman, Cuyahoga Falls;
B.S. (Kent State University);
Mathematics
- Gary Douglas Slack, Columbus;
B.S.E.E.; *Electrical Engineering*
- Anthony J. Slas, Chicago, Ill.;
B.S. (University of Illinois); *Pharmacy*
- Robert D. Slocum, Brewer, Me.;
B.A. (University of Maine); *Botany*
- Roger A. Smith, Loveland;
B.S.; *Food Science and Nutrition*
- Steven Alex Sonder, White Plains, N. Y.;
B.S. (Pennsylvania State University);
Chemistry
- Barbara Jean Squire, Worthington;
B.S.Nurs.; *Nursing*
- Frank C. Starr, Jr., Columbus;
D.D.S.; *Natural Resources*
- Michael Brien Stefan, Columbus;
B.S.Agr.; *Botany*
- William Ross Stockwell, North Baltimore;
B.S. (Bowling Green State University);
Chemistry
- Israel Stol, Columbus;
B.S.W.E.; *Welding Engineering*
- Dana N. Stone, Westbury, N. Y.;
A.A.S., B.S. (Rochester Institute of
Technology);
Computer and Information Science
- Michael Charles Stout, Berwick, Pa.;
B.S. (Pennsylvania State University);
Preventive Medicine
- William P. Stroud, Steubenville;
B.S. (West Liberty State College);
M.S. (University of Washington);
Metallurgical Engineering
- Donald L. Stuber, Amherst;
B.S., M.S.;
Computer and Information Science
- Jay E. Swaidner, Tiffin;
B.S.; *Zoology*
- Ammon A. Swartztruber, Laurel, Md.;
B.S., B.S.Ed., M.Ed. (University of
Cincinnati); *Microbiology*
- Nancy L. Tarquinio Sweeney, Lima;
B.S.Nurs. (Saint John College
of Cleveland); *Nursing*
- Chun Pang Tam, Hong Kong;
B.Sc., B.Sc. (University of Hong Kong);
M.S. (Sam Houston State University);
Ph.D.; *Computer and Information Science*
- Yih-Shin Tan, Taipei, Taiwan;
B.Sc. (Fu-Jen Catholic University);
Mathematics
- Patricia Kay Tietz, Columbus;
B.S. (University of Wisconsin);
Allied Medical Professions
- Jay Kent Tomlinson, Homewood, Ill.;
B.A. (Blackburn College); *Genetics*

1 Also Bachelor of Science in Nutrition, College of Agriculture and Home Economics

2 Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Huei-Ling Tsao, Taipei, Taiwan;
B.A. Education, (National Taiwan University);
M.A. (University of Cincinnati); *Statistics*

Benjamin Noel Tuggle, Warner Robins, Ga.;
B.S. (Fort Valley State College);
Zoology

Frank Karl Urban, III, Kettering;
B.S.E.E.; *Bio-Medical Engineering*

Eslly Valera,
Valle de la Pascua, Guario, Venezuela;
D.V.M. (Universidad Central de
Venezuela); *Veterinary Clinical Sciences*

Prakorn Vathakanon, Bangkok, Thailand;
B.S.E.E. (West Virginia Institute of
Technology); *Electrical Engineering*

David L. Vessell, Evansville, Ind.;
B.A. (University of Evansville); *Chemistry*

Sister Anne Victory, Lorain;
B.S.Nurs. (Saint John's College of
Cleveland); *Nursing*

Md. Abdul Wadud, Dacca, Bangladesh;
B.Comm., M.Comm. (Dacca University);
Agricultural Economics and Rural Sociology

Phillip John Wagner, Somerset;
B.S.Agr.; *Agricultural Education*

Mary Audeen Walters, Evans, W. Va.;
E.S. (Glenville State College);
M.A. (West Virginia University);
Nuclear Engineering

Ming-Fen Wang, Taipei, Taiwan;
B.S. (National Tsing Hua University); M.S.;
Computer and Information Science

Thomas Edward Ward, Lisbon;
B.S.; *Microbiology*

Victoria Lynn Warschauer, Columbus;
B.S.Nurs.; *Nursing*

Dennis Lynn Weinau, Milan;
B.S.Agr.; *Agricultural Education*

John H. Wertsching, Newington, Conn.
B.A., B.S. (University of Connecticut);
Pharmacy

Raymond Wieszczyk, Jr., Erie, Pa.;
B.E.E. (Gannon College);
Electrical Engineering

Annette Smith Williams, Westerville;
B.A. (Otterbein College);
Home Economics

Paul Richard Wilson, Dallas, Tex.;
B.S.E.E.; *Electrical Engineering*

Joan Marilyn Winter, Sacramento, Calif.;
B.S. (University of California at Los
Angeles); *Allied Medical Professions*

² Pierrette Larchier Woodford, Columbus;
Agricultural Economics and Rural Sociology

James Edgar Woolf, New Concord;
B.S.Agr.; *Agricultural Education*

Maria da Glória Miotto Wright,
Ribeirao, Brazil;
B.S. (University of Sao Paulo);
Preventive Medicine

Johnny Yuk, Hong Kong;
B.S. (Worcester Polytechnic Institute);
Electrical Engineering

Master of Social Work

Four candidates

Helga Hildegard Dombrawe,
Hamburg, Germany;
Social Work

Virginia A. Malton, Cincinnati;
B.A. (University of Cincinnati);
Social Work

Angela Elaine McGuire, West Manchester;
B.A. (Miami University); *Social Work*

David A. Sutkowy, Columbus;
A.B. (Ashland College); *Social Work*

Colleges of the Arts and Sciences

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

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 Mathematics and
Physical Sciences

College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Sixteen candidates

William David Bodnar, Columbus
Cheryl Ann Campbell, Columbus
Melanie Elizabeth Dane, Hamilton
Angela Maria Finelli, Columbus
Sally Kim Floyd, Columbus
Roland Frank LeFevre, Columbus
Joseph E. Manzello, Columbus
Christine Marie Ott, Staughton, Mass.
Monica Rose Palumbo, Columbus
Joy C. Preuss, Columbus
Diana C. Schrader, State College, Pa.
Youngok Song, Columbus
Gregory Sours, Columbus
B.A.Jour.
James Philip Turanchik, Columbus
Judith Parker Van Wyk, Chapel Hill, N. C.
Jonathan Everett White, Columbus

Bachelor of Fine Arts

Sixteen candidates

James Lee Anderson, Jr., Tecumseh, Mich.
Gregory Max Bowersock, Spencerville
Dianne Bishop Carey, Columbus
Claire Marsha Cormany, Columbus
Thomas Robert Fogarty, Columbus
Mark Charles Gallagher, Sandusky
José M. Garabis, Columbus
Walter R. Goehring, Jr., Reynoldsburg
Margaret Pauline Hazlett, Columbus
Barbara Jean Holden, Pepper Pike
Daryl Royston Nutt, Reynoldsburg
Lawrence William Stuts, Columbus
Melanie Jo Tullis, South Vienna
John Walcutt, Columbus
Doris Marlene White, Columbus
Michael Lawrence Young, Columbus

Bachelor of Music

Six candidates

James Robert Davison, Richmond Dale
John Robert Huddleston, Centerburg
Joseph Lee Koczera, Columbus
Barbara Ann Passolt, Toledo
Michael Robert Scott, Homeworth
David Bruce Williams, Thornville

Bachelor of Art Education¹

Eleven candidates

Kathleen Elaine Anderson, Columbus
Brian Christopher Baby, Columbus
B.F.A.
Gary Joseph Bizjack, Lindhurst
Mary Cunningham Cardarople, Newark
Clifford James Carson, Columbus
Colin Sue Charles, Columbus
Carole Tucker Gray, Columbus
Briana Carol Marker, Grove City
Scott Jonathan Neal, Columbus
B.F.A. (Capital University)
Diana Mae Prince, Columbus
Irene Martha Ritzmann, Strongsville

Bachelor of Music Education¹

Three candidates

Christina Diane Clark, Columbus
H. Richard Clary, II, Cambridge
Barbara Ruth Love, Columbus

Bachelor of Science in Industrial Design

Six candidates

Connie Sue Bradley, Worthington
Richard Theodore Carissimi, Columbus
John William Dupler, Logan
Gary Lee Ellerbrock, Ottawa
Marie Angélique de Golan Kidd Smith,
Columbus
David William Woody, Toledo

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Six candidates

Mark Thomas Baumgardner, Akron
Stephen Mark Clark, Cincinnati
Mark Steven Madis, Blacksburg, Va.
Regina Mogavero, Columbus
George Erik Morrice, Columbus
Samuel John Randall, III, Centerville
D.D.S.

Bachelor of Science

Thirty-four candidates

Marcia Elisse Baker, Lima
Mary Michelle Beck, Dayton

¹ Offered jointly by the College of the Arts and the
College of Education

² Also Bachelor of Science in Agriculture, College
of Agriculture and Home Economics

Daniel Robert Butler, III, Columbus
 Diane Grimes Carlin, Forest Park, Ill.
 Javier Arnoldo Castillejos, Columbus
 Gregory P. Demko, Los Angeles
 David Eric Dennis, Delaware
 Diane Shirley DeVorn, Columbus
 Jeffrey Layton DeWeese, Columbus
 Debra Lynn Eger, Wickliffe
 A. Lee French, III, Unatilla, Fla.
 Karla Jo Glass, Columbus
 Mark A. Hamby, Columbus
 William Harvey Helmink, Jr., Columbus
 Josephine Umejei Igbeke, Columbus
 Thomas Allen Kear, Carey
 Steven Joseph Miller, Columbus
 Robert W. Morris, Poland
 Douglas R. Phillips, Columbus
 Edward F. Rehberg, Cleveland
 Ruth A. Rogers, Columbus
 Keith Morsey Schnelle, Minister
 Joel Gerald Schwankl, Columbus
 John Keith Steebler, Grove City
 Elizabeth Ann Stillings, Solon
 Park A. Studebaker, Dayton
 Robert William Taylor, Columbus
 Gale A. Thompson, Lima
 Diane Lynn Thompson, Newark
 Richard Fraser Totten, Lancaster
 Mark Steven Traugh, Columbus
 James Robert Trunick, Columbus
 Michael Thomas Tryon, Cortland
 Steven A. Volpe, Columbus

Pamela A. Terry, Lyndhurst
 Terry W. Tipple, Columbus
 Judith Ann Todd, Columbus
 Joan Glick Yamata, Crooksville
 Bettye L. York, Gambier

Sandra M. Cornist, Lockland
 Jennifer Lynn Cotterill, Columbus
 Cheryl Lynn Deisgaard, Columbus
 Joel Beaman Day, New Philadelphia
 Philip Allen Deacon, London
 Gail N. DeLeon, Corona, N. Y.
 Ralph Joseph DeMarco, Nanty Glo, Pa.
 Julie Dostal, Fairview Park
 Douglas Blair Dougherty, Columbus
 Kristin Jeanne Dougherty,
 Three Rivers, Mich.

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Five candidates

Linda Kay Aller, Lancaster
 Thomas L. Blum, Columbus
 Theodore Parkevich, Whitehall
 Bruce Goodwin Stinemetz, Columbus
 Don Micheal Torok, Parma

Terril L. Doughtan, Cincinnati
 Linda Lee Emmelhainz, Galloway
 Brent Lawson English, Columbus
 Glenn E. Ervin, Marion
 Morris Paul Fertig, Columbus
 David Douglas Feusner, Columbus
 Martin Elliott Firestone, Columbus
 Angela Maria Fraganato, Columbus
 Diane Marie Frieich, Norwood
 Willis R. Fugett, Millersport
 Kenneth Ray Gerke, Pemberville
 Lynn Lorna Graff, Westerville
 Jodie Lynn Green, Columbus
 Juliette Ann Guda, Columbus
 Rosanne Vaughn Hall, Columbus
 Russell Kevin Hall, Columbus
 Vera Lynne Harston, Clinton, Ia.
 Kratetzke Marie Heftin, Hamilton
 David F. Heinmiller, Columbus
 Anita Charlyne Teresa Henson, Piqua
 John Richard Hill, Columbus
 Stephen W. Holliday, Kenton
 Nancy Lynn Ihardt, North Royalton
 Cecil Dale Jacobs, Ontario, Ont., Canada
 Joni Jenkins, Circleville
 Dianna R. Johns, Columbus
 Robert Paul Johnson, Columbus
 Marvin Jones, Columbus
 Ronald Edward Jones, Columbus
 Robert Earl Kelley, Reynoldsburg
 Robert Douglas Kern, Lakewood
 Arlene Susan Kemper, Huntington, N. Y.
 Raudall Alan Kishel, Perrysburg
 Ruth Ann Klarin, Troy
 Karen Larsen Kortyna, Columbus
 Jamey Ann Kroplin, West Milton
 Michael Lewis Leggett, Columbus
 Gary R. Lehman, Columbus
 Joy E. Lohr, Alexandria
 Stephen M. Lundregan, Northfield
 Karen Joy Mabey, Columbus
 Rebecca Anne Mathews, Charleston, W. Va.
 Richard Patrick McCann, Pottstown, Pa.
 Stephanie A. McCreary, Columbus
 Richard Wayne McCully, Columbus
 Richard Charles McFarland, Pittsburgh, Pa.
 Mary Kay McKeever, Miamisburg
 Nancy A. McSemek, Centerville
 Thomas Kent Mickey, Blanchester
 Nancy Ellen Moenter, Van Wert
 Eileen Andrea Nemzer, Worthington
 Geoffrey L. Oglesby, Sandusky
 Arley E. Owens, Jr., Columbus
 Mark Piskind, Cleveland Heights
 William Lewis Peters, Columbus
 Patrick James Power, Columbus
 Grace Lorraine Ogden Pringle, Columbus
 Gary Robert Rich, Warren
 Molly Anne Ringer, Columbus
 Jimmie Denise Ross, Cleveland
 Elizabeth Ann Roy, Westerville
 Alexandria Midge Ruden, Columbus
 Richard Joseph Sayre, Columbus
 John William Schute, Columbus
 Gregory Keith Schulteis, Zanesville
 Patrick Joseph Sherman, Columbus
 Catherine H. Shewalter, Columbus
 Francis W. Shock, Columbus
 Shirah J. Siladze, Columbus
 James W. Slagle, Galton
 Jeffrey A. Smith, O. Hill
 Olivia Constance Smith, Montclair, N. J.
 Elinn Weisenberger Stauch, Worthington
 David A. Steinmetz, Huron
 Paul M. Stover, Shelby

Bachelor of Science

Sixteen candidates

Patricia Ann Cassidy, Columbus
 Alan Dennis Ceol, Lorain
 James Urban Daly, Worthington
 Albert J. Dantzer, Columbus
 Chris Lee Dugham, Mansfield
 Kimberly Scott Glasgow, Mansfield
 Theodore Jon Godo, Columbus
 Stephen T. Hovest, Ottawa
 Margaret Emily Jones, Westfield Center
 John Ronald Miksch, Bellefontaine
 Harold Lee Muncy, Mantua
 Kathryn Musser, Columbus
 John Charles Pruski, Columbus
 Richard J. Schlang, East Liverpool
 Joel Robert Williams, Reynoldsburg
 Donald E. Wolfe, Gahanna

College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

Forty-four candidates

Janet Weir Altner, Columbus
 Jean Ann Applegate, Worthington
 Toni Reed Bate, Columbus
 Carolyn Nivia Bell, Fairborn
 Bruce Patrick Bendele, Grove City
 Martha Lytle Benes, Cleveland
 Michael B. Bernays, Columbus
 Larry Bradley, Ashtabula
 Crystal Alice Branch, Cleveland
 James J. Buckley, Worthington
 Kathleen Cooney, Columbus
 Martha Dillard, Columbus
 Raymond A. Douglass, Columbus
 Brenda V. Duncan, Cleveland
 Hershie Shoor Edgington, Columbus
 Leslie Gay Engle, Canton
 Edward Peter Gilbert, Delaware
 Eric Johnson Griffith, Mt. Vernon
 Janice Marlene Harden, Columbus
 Robin Leigh Harris, Logan, W. Va.
 Theodore Edward Kohler, Columbus
 Pamela Lynn Kubbins, Pepper Pike
 Larry Allen Lewis, Columbus
 Sherie Ann Lindamood, Columbus
 Nancy Lisa Miley, Huls
 Steven P. Maxson, Columbus
 Mariona Eleanor Meacham, Columbus
 Teresa Citko Mlicki, Columbus
 Stephen C. Motz, Columbus
 Kimberly L. Orahood, Delaware
 Karen Marie Palmer, Centerville
 Robert Gilman Pfug, Columbus
 Matthew Riley, Columbus
 Timothy Lee Rohrer, Canton
 Kathleen Anne Rower, Atlantis, Fla.
 Marilyn Arlene Roy, Westerville
 David E. Ruppert, Columbus
 Gavin Ayers Singleton, Columbus
 Robert Morris Sonnenschein, Columbus

College of Social and Behavioral Sciences

Dean: Edward C. McDonough

Bachelor of Arts

One hundred and fifteen candidates

Alfred S. Armbrister, Portsmouth
 Wayne A. Ashbury, Columbus
 Mark A. Baldwin, Columbus
 Victoria Louise Bartlett, Worthington
 Mary Beth Bateman, Columbus
 Marcia Joy Berk, Youngstown
 Brian Michael Burke, Toledo
 Kathleen Anne Bussart, Bristol, Va.
 Geoffrey A. Butler, Columbus
 Kevin David Campbell, Columbus
 Jami L. Castrodale, Columbus
 Henry Pickett Cipperey, IV, Youngstown
 Glenn William Cipriano, Southbury, Conn.
 Claire Ellen Cockrell, Chillicothe
 Marian Clark Cook, Columbus

1 Also Master of Arts, Graduate School

Karen Ruth Swanton, Columbus
Gary Richard Tarolli, Port Clinton
Elizabeth Ann Tarry, Columbus
Janet Theresa Taylor, Grove City
Leonard Eugene Thackeray, Reynoldsburg
Tonya Jo Belle Tidline, Columbus
Richard Edward Veasey, Jr., Columbus
Julie Ann Verbulecz, Akron
Sheila Washington, Cleveland
Dianne L. Weston, Columbus
Shelby Russell Wofford, Toledo
Kathy Ann Wolfe, Belpre
Leyla Valerie Woods, Chillicothe
Vance E. Zachary, Columbus
Karen Leslie Zack, Zanesville

Bachelor of Science

Fourteen candidates

Graciela Vazquez Andresen, Columbus
Jill Ann Butterworth, Columbus
Scott C. Donelson, II, Columbus
Edwin Jonathan Dunn, Brookfield, N. H.
Harold Douglas Hornbeck, Ashtabula
Florence Lewis Lathen, Milwaukee, Wis.
Patrick Alan McKenzie, Columbus
Diane Payonk, Cincinnati
Marie Frances Peters, Danville, Pa.
Marilyn Jean Spath, Toledo
Linda D. Woodberry, Toledo
Thomas Peter Yankush, Youngstown
Cynthia Elaine Stump Yee, Columbus
Susan Gabrielle Zelman, Cleveland

Bachelor of Arts in Journalism

Twenty-three candidates

Judith Ann Anton, Springfield
Stephen Landman Ballard, Grove City
Robert Thomas Benedict, Columbus
Douglas Kent Eaton, Toledo
Ali L. Esposito, Belleville, N. J.
Ann Marie Hart, Dayton
Carol Ann Hers, Akron
Mary Lynne Holmes, Columbus
Rosella Elliott Jackson, Columbus
Barry Alan Katz, Columbus
David L. Kelch, Columbus
Christine A. Knickerbocker, Roscoe, N. Y.
Kenneth L. Kronenberger, Hudson,
Benjamin Erskin Lay, Columbus
Marva Camille Moss, Cleveland
Debra Ferlman, Cleveland
Dana Louise Roberson, Findlay
Leon Martin Rubin, East Liverpool
Joanne Kay Schultz, Cincinnati
Steven Lee Smith, Columbus
Lawrence Wade, Columbus
Karen Christine Warthen, St. Louisville
Charles Anthony Ziegler, Youngstown

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and fifty-four candidates

Jeffrey Brian Ahola, Avon Lake
Cynthia Lee Alexander, Newark
Gary Edwin Ark, Enon

James Lee Bandede, Bowling Green
Terry Lee Beattie, Bucyrus
Sue Ann Bergfeld, Lima
Kathleen Ann Bernard, Columbus
Vanessa Roushella Besteda, Columbus
Daniel Joseph Bever, Ironton
Charles Biele, Columbus
Richard Eric Blair, Ironton
Terri Lynn Booker, Richmond, Va.
Carol Ann Borowicz, Lorain
James Patrick Bowens, Euclid
Robert Brent Brinkerhoff, Mansfield
Joel Alan Bronstein, Beachwood
Donald Ray Brown, Shelby
Karen Marie Burns, Columbus
William Thomas Byrne, Dayton
Mary Colleen Canning, Cleveland
Wallace Reginald Cannon, Columbus
JoAnne Caplan, Akron
Gregory James Carlisle, Powell
Jeffrey Lynn Chandler, Ashville
Debra Robin Colman, Livingston, N. J.
Kathleen Clare Combs, Dayton
Douglas Eugene Cowgill, Columbus
Daniel Allen Cum, Newark
Didi Steffen Davies, Toledo
Michael Ray Dickson, Worthington
Daniel H. Doster, Sandusky
Susan Larimore Downey, Worthington
Michael Leon Dulaney, Columbus
Barbara Anne Eden, Akron
Steven Robert Ellis, Columbus
Charles Walter Ewing, Jr., Cleveland
Steven Edward Frumkin, Pepper Pike
Charles Joseph Funk, Columbus
Clifford Takeshi Furuichi, Fall Church, Va.
Gary Edgar Gassin, Columbus
Mark Eldon Geist, Hilliard
Albert Crofton Gilbert, Jr.,
Cleveland Heights
Theodore Francis Gestalder, Toledo
Richard Thobe Hahn, Columbus
Basheerah Hakumba-Bey, Columbus
Linda Marie Hall, Cleveland
Richard Allen Hatson, Elyria
Mark Windsor Harbarger, Jackson
Donald Curtis Heitman, Flushing, N. Y.
Robert Kevin Hoskinson, Lancaster
John Scott Hrenya, Strongsville
Robert Stanley Jones, Columbus
Lynne Marie Jonuska, Akron
David Ronald Karlin, Somerset, N. J.
Daniel Joseph Kellher, Columbus
Jack David Kern, Newark
Benjamin Michael Kerski, Parma
Cengiz Seref Kurkcu, Marion
James Edward Lavelle, Jr.,
New Middletown
George Leslie Layer, Wethersfield, Conn.
Robert Francine Long, Columbus
Paul Dean Louder, Ashland
Rodney Eugene Mackey, Killbuck
Charles Alan Manning, Lawton, Okla.
Michael James Marston, Elyria
James Mark Matesich, Zanesville
Mary Lou Matthews, Clarksburg, W. Va.
John Dale McCahan, North Canton
Mark David McCreary, Columbus
Richard Paul McKinley, Reynoldsburg
Thomas Bruce McKinnell, Littleton, Colo.
Carol Hidy Medley, Columbus
Lawrence Cornelius Meredith, III, Oberlin
Don Carl Metnes, Cleveland
Roy Aldo Mitchell, Columbus
James Dennis Morin, Williamstown, Ky.
JoAnne Mulgrew, Columbus
Steven Keith Nelson, Coshocton
Robert Dennis Neumeyer, Monclova
Harry Holt Nicholls, Findlay
Ronald James Norris, Jr., Columbus
David Rod North, Alliance
Oluwole Aboaba Ogunbunji, Lagos, Nigeria
Greg Edward Ossege, Cincinnati
Mark Emery Painter, Willard
Timothy Joseph Paskell, Columbus
Nancy Jane Patrick, Cincinnati
Donald Ray Patterson, Jr., Marietta
Maurice Lee Perry, Jr., Columbus
Michael Dennis Petefish, Youngstown

Robin Dale Peterfy, Columbus
Mark Robert Plasko, Centerville
John Robert Protz, Streetsboro
Barbara Sue Pryor, Columbus
James Edward Racic, Valley View
Richard Dean Reed, Columbus
John Anthony Reft, Allouppa, Pa.
Barbara Kay Reiman, Defiance
Keith Stuart Riehl, Middleburg Heights
Richard Leigh Rinehart, Columbus
Julie Fox Robbins, Columbus
Steven Charles Roe, Jackson
Joseph Matthew Roesmann, Cleveland
David Paul Roos, Cincinnati
Jeffrey Hamilton Rose, Akron
Joseph Richard Rosenbaum, Danville, Calif.
Joel Alan Rosenfeld, Columbus
Lawrence M. Rosenzweig, Elmont, N. Y.
Greer Alyn Rouda, Columbus
Douglas Lloyd Roush, Columbus
Thomas N. Royer, Columbus
Alonzo Clifford Rupert, St. Marys
Pamela Ann Russell, Fostoria
Diane Dillemtuch Ruzicka, Gahanna
Kanwaljit Singh Sandhu, Columbus
Dennis Gary Schaechter, Bardstow, Ky.
Stephen Elliott Schott, Akron
Karen Marie Schumaker, Port Clinton
Wayne Charles Schuster, North Royalton
Peggy Ruth Schweinfurth, Prospect
Michael James Shawd, Bartlett
William Lee Shelby, St. Marys
Daniel Edwin Shifflet, Marion
Charles Anthony Spence, Brecksville
Bradley Wright Stammler, Columbus
Richard David Stasiak, Temperance, Mich.
Douglas Alan Stemen, Lima
Judith Anne Stone, Columbus
Michael Bruce Storie, New Philadelphia
Marvin Dale Sydnor, Villa Park, Ill.
John David Suzch, Elida
Susanto Tandun, Singapore, Singapore
Pamela Thompson, Youngstown
Bruce David Pomasch, Olmsted Falls
John Louis Vadasz, Westlake
Thomas Ralph Van Kuiken, III, Westerville
B.A. (Saint Mary's College, Minnesota)
Charles Edward Violand, Lakewood
Vance Chris Vodicka, South Euclid
Gwendolyn Comer Von Holten, Columbus
Douglas Robert Wardle, Mansfield
Anthony Ray Warner, Lima
Robert Terence Watson, Cincinnati
Mark Edward Weinrich, Cleveland
Bradley Kim White, Bellefontaine
Kenneth Eugene White, Columbus
Mark Darnell Wilkins, Lima
Deborah LaVet Williams, Atlanta, Ga.
Mark Frederic Williams, Columbus
Daniel Thomas Wilson, Massillon
James Earl Wilson, Columbus
Linda Olsen Wilson, Akron
Donald William Wirtanen,
Lake Worth, Fla.
Micky Del Zoldan, Cleveland
Jeffrey Stuart Zucker, Columbus

Bachelor of Science in Labor and Human Resources

Two candidates

Robb Fitch Howell, Troy
Mark W. O'Neal, Toledo

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Fifty-two candidates

Craig Andrew Adams, Parma Heights
Jane Ann Bambeck, Columbus
Sally Bungart Bianco, Columbus
Robert Anthony Bodner, Jr., Warren
Mark Edward Bok, Cleveland
Jayne Kathryn Boucher, Bryan
Christine Ann Brun, Centerville
Sondra Ann Caldwell, Columbus
Julia Lynn Christian, Bacheater
Russell Paul Cogswell, Marietta
Mark Edward Conley, Willoughby
Peter Hall Craig, Columbus
Cynthia Alma Dell, Washington, D. C.
Richard Cain Denning, Jr., Worthington
*David Andrew Ebert, Cardington
Stephen P. Fung, Columbus
Thomas Henry Hageman, Botkins
John Erwin Hazenfield, Cincinnati
John Peter Hill, Lancaster
Mark Louis Hocoavar, Warrensville Heights
David Alan Hrusovsky, Warren
Michael Karl Klose, Findlay
Tim Mark Lawrence, Fremont
Susan Elaine Leatherman, Columbus
Steven Ellwood Lewis, Columbus
Patricia Anne McCoy, Columbus
Robert David Meyer, Westerville
Gregory Lynn Moyer, Millersport
Carol Jane Palmer, Glenwood, N. Y.
Steven G. Paul, Wayne, N. J.
Pamela Louise Peterkin, Avon Lake
Patricia Helen Philippi, Orwell
Timothy Whitney Powell, Newton Falls
Larry Gene Riegel, Hilliard
Merrell Steven Rose, Patriot
*Dean Edward Rule, Columbus
Martin James Schaffranek, Crestline
Barbara Ann Schipperet, Columbus
David Michael Scurlock, Portsmouth
Wendy Jean Sheppard, Cleveland Heights
Mary Ebers Shontz, Columbus
Cynthia Lynn Smith, Lancaster
Joseph John Smith, Toledo
Gary Albert Theil, Columbus
Gail Amy Thompson, Toledo
Sharon Ann Treasurer, Wakeman
Kirsi Margaret Uotila, Columbus
Kenneth Edward Walter, Lancaster
Melvin Dean Wenger, Dalton
Robin Jo Williams, Springfield
*Pierrette Larchier Woodford, Columbus
Michael William Yeso, Mentor

Bachelor of Science in Food Science

One candidate

Kim Peter Duly, Parma Heights

Bachelor of Science in Food Technology

One candidate

John Paul Kauffman, West Liberty

Bachelor of Science in Nutrition

Three candidates

Farabee Dean McCarthy, Findlay
*Alice Wittmeyer Mills, Columbus
Mark Nicholas Perlmutter,
Carneys Point, N. J.

School of Home Economics

Bachelor of Science in Home Economics

Thirty-four candidates

Beverly Jeanne Anders, Columbus
Janet Finley Bolen, Columbus
Joanne Bursiek, Gibsonburg
Margaret Ann Chambers, Euclid
Carla Jean Cordell, Yellow Springs
Nancy Ellen Day, Bellefontaine
Betty Ann Dinkel, Rocky River
Michele Ann Frizzell, Columbus
Marcie Jo Gregerson, Columbus
Jill Dianne Hlay, Columbus
Marie Lynne Jefferson, Columbus
Kathryn A. Joslin, Russell, Ky.
Kathleen Iona Kaiser, Columbus
Barbara Jean Larger, Piqua
Theresa Ann Littleton, Columbus
Betsy Ann Matthews, Huron
Susan Eley Meffey, Columbus
Patricia O'Brien Muzyka, Grove City
Elaine Marie Neal, Columbus
Barbara Louise Nicholas, Bay Village
Cynthia Joan Pike, Circleville
Maggie L. Piner, Akron
Anna Jean Smith Pogsai, Columbus
Karen Sue Ralston, Marion
Ann Marie Riehl, Columbus
Anne Franklin Roberts, Belpre
Jan Marie Rosato, Columbus
Marilyn Gregg Ross, Sunbury
Deborah Ann Smith, Little Hocking
Jennie Marie Stewart, Columbus
Kathie Unkefer, Columbiana
Diane Whalen, St. Clairsville
Janice Natalie Wohlgethan,
Dhahran, Saudi Arabia
Kathleen Marie Young, Elyria

Bachelor of Science in Restaurant Management

Two candidates

Richard Alan Loris, Columbus
Donna Sue Whisman, Westerville

School of Natural Resources

Bachelor of Science in Natural Resources

Twenty-six candidates

Steven Morgan Allison, Worthington
Jacki Lorraine Auble, Ironton
Isaac Garfield Beardmore, Marietta
Craig Douglas Bell, Columbus
Johan Arndt Anders Bergh, Toledo
David Scott Creeluis, Morton, Ill.
Jefferson Richard Cronau, New Washington
David Hamilton Fisher, Columbus
Susan Elizabeth Flory, Columbus
B.S.Ed.
Donald Clifford Grigorenko, Columbus
Steven Douglas Guthrie, Millbury

Lori Humienny, Mingo Junction
John Henry Hunter, Barnesville
Richard Allan Knodell, Bucyrus
Michael Anthony Lonsdale,
Cleveland Heights
Gary Robert Maceman, Blue Ash
Patrick William May, Cincinnati
Marianne Eileen McNamara, Mansfield
Robert George Olinger, Wilmington
Samuel Ferguson Oliver, Grove City
Lawrence Pishitelli, Whitehall
Mark Thomas Porter, Springfield, Va.
Sherilyn Sarb, Columbus
Larry Dean Saunders, Gallipolis
Patricia Ann Taylor,
Bainbridge Island, Wash.
Vicki Lynn Walter, Defiance

Agricultural Technical Institute-Wooster

Associate in Applied Science

Fourteen candidates

Susan Lorna Black, Logan
Charles Cloyd Covert, Rio Grande
Michael Lee Dorn, South Solon
Terence Francis Fox, Parma Heights
Jeffrey Lee Haynam, Wooster
John Martin Mizak, Grosse Ile, Mich.
Bonnie Lynn Moore, Orrville
Christopher David Pannkuk, Terrace Park
Joseph Drew Rolik, Maple Heights
Eric Charles Sheffield, Newbury
Bruce Alan Smith, Canal Winchester
Tia Marie Trivison, Rocky River
James Randolph Ullom, Perysburg
Dennis James Weber, Columbiana

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Four candidates

Melvin Arthur Kuntz, Cincinnati
B.S. (University of Cincinnati)

Randy Dale Lemmel, Harrison
B.S. (University of Cincinnati)

Timothy Rogers Mulligan, Spring Valley
B.A. (University of Missouri)

James Wilson Woodford, Port Clinton

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and ten candidates

Donald Steven Allen, Newark
Irina Grantch Anderson, Lima
Michael Craig Ansel, Columbus

*Also Master of Science Graduate School

Janis Teresa Ardivino,
East Norwich, N. Y.
Laurie Bowersock Ball, Spencerville
Rose Marie Birch Beaver, Bellefontaine
Rosanne Bergoch, Chardon
Lynn Beskin, Louisville, Ky.
Dale Allen Bowman, Heath
Kathleen Brown, Columbus
Susan Elaine Burke, Rossburg
David Donnelly Calsen, Middletown
Stephen Allen Carr, Grove City
Margaret Mary Carroll, Dayton
Beverly Ann Carter, Columbus
Allen Michael Choma, Parma
William Joseph Cochran, Jr., Columbus
Jean N. Cox, Columbus
Richard Newton Coyle, Columbus
Lori Jane Croop, Worthington
Steven James Croyle, Columbus
Stephen Eugene Davis, North Olmsted
Patricia Cameron Denman, Columbus
Donald John DePalma, Columbus
Diana Gay Dulebohn, Waynesfield
Mari Diane Duncan, Columbus
Nonie Meyer Elikofer, Columbus
Elizabeth Dean Ellis, Columbus
Mark Melvin Emery, Elyria
Teresa Ellen Eppley, Newark
Diana Pobst Ett, Ashville
Christine Maria Evans, Mentor
Patricia Ann Featherstone, Columbus
Terrence Patrick Flahive, Delaware
Dean Forrest Fowls, Columbus
Shelly Ann Frye, Danville
Elaine Elaine DeSalvo Garcia, Lima
Diane Eustace Garry, Toledo
Jennifer Michelle Gates, Middletown
Christopher Joel Geer, Columbus
Marcee Pamela Glazer, Richmond, Ind.
David Jeffrey Gleason, Urbana
Keith Douglas Goodwin, Columbus
Lillian Yvonne Grossman, Columbus
Gail Renee Grunberger, University Heights
Candace Marie Harold, Columbus
Carol Marie Hawk, Duluth, Minn.
Sandra Shore Hay, Columbus
Jerry Lee Hayes, Prospect
Suzanne Heckman, Columbus
James Charles Heis, Columbus
Vic Kyle Hennessy, Greenville
Lori Ann Hinz, Parma
Elaine Lenore Howard, Kettering
Michael James Hunt, Wapakoneta
Virginia Anne Hurm, Columbus
Margaret Elaine Johnson, London
Michael Robert Jordan, Cridersville
Marilyn Allison Judd, Westerville
B.S.Bus.Adm.
Julia Gray Kissling, Columbus
Debra Sue Landy, Elyria
Barbara Smith Lange, Portsmouth
Daniel Marino Larocea, Hubbard
Robert Nicholas Lehmert, Columbus
B.A. (Capital University)
Terry Lynn Lew, Columbus
Dennis Allen Lewis, Columbus
Paul Michael Lewis, Plain City
Lorraine Marie Link, Coldwater
Michael David Lybarger, Elida
David Alan Mardis, Orrville
David L. Matthews, Wauseon
Margaret Anne McFadden, Columbus
Cecelia Ann McFongagle, Columbus
Deborah Lewis McKee, Columbus
Marianne Meccia, Columbus
Thomas Eugene Milberry, Columbus
Elmer Miller, Columbus
Kathie Jane Miller, Columbus
Sandra Goffena Monnin, Sidney
Reavis Daniel Moore, Columbus
Brian Joseph Mulherin, Columbus
Catherine Marie Murphy, Columbus
Ellen Kathleen Neff, Coeaction
Beverly Peterson Ogren, Columbus
Charlotte Graham Osborne, Columbus
Bonnie Ellen Patterson, Mesa, Ariz.
Janice Marie Pietrouski, Columbus
Mary Esther Porter, South Euclid

Willetta Mae Scites, Wellston
Brenda Sue Sharp, Belleville
David Bartholomew Smith, Wapakoneta
Joseph Paul Speyer, Richmond
Kevin Paul Spillers, Columbus
Franklin Brian Staats, Columbus
Nancy Jane Staub, Columbus
Ronald Charles Sucin, Worthington
Marilyn Gahn Swenson, Columbus
Sally Ann Swineford, Wakeman
Michael Thomas Taylor, Columbus
Marc Robert Trimmer, Columbus
B.A. (Capital University)
Mary Catherine Ungvarsky, Gahanna
Michelle Wiles Waggoner, Grayson, Ky.
Lynne Guirgu Warrick, Columbus
Ronald James Webber, Mishawaka, Ind.
James E. Weidaw, Newark
Judith Elaine Widman, Bucyrus
Douglas Herman Wilges, Wapakoneta
Regina Chun-Fang Yeung, Cincinnati
Barbara Ann Young, Dayton
Diane Carol Young, Grove City

**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 on page 643**

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Three candidates

Ronald Edward Carson, Shaker Heights
Dennis Lee Carter, Zaneville
David Lee Russell, Malinta

Bachelor of Science in Ceramic Engineering

Three candidates

Gail Joanne Emerson, Westminster, Md.
Michael William Morris, Duncan Falls
Liselotte Schioler, Dayton
B.F.A.

Bachelor of Science in Chemical Engineering

Seven candidates

Robert James Arnold, Worthington
Richard Lloyd Duwelius, Parma Heights
Steven John Egnaczyk, Boonville, N. Y.
Thomas C. Houk, Thornville
Steven Clark Howe, Worthington
Philip Merrill Rose, Masury
Linnea Alice Sheppard, Parma

Bachelor of Science in Civil Engineering

Two candidates

Keith Glenn Earley, Mt. Gilead
Kathleen Ann Wozniak, Pemberville

Bachelor of Science in Computer and Information Science

Six candidates

Bahram Afshari, Ahwaz, Iran
David Lynn Caldarelli, Canton
Gerard Joseph Gabel, Fremont
Ralph Henry Leyrer, Hamilton
Robert Clark Strader, Amherst
Michael Joseph Westenberger, Columbus

Electrical Engineer

Two candidates

Samuel Elisha Sayad, Shreveport, La.
B.S.E.E. (University of Illinois)
Bernard Arnold Schneider, Bellevue
B.S.E.E. (Tri State College)

Bachelor of Science in Electrical Engineering

Five candidates

Craig Thomas Davis, Toledo
Charles Ross Drenning, III, Reynoldsburg
Carlos René Mincks, Gahanna
Gregory Paul Olmstead, Mt. Vernon
Richard Fields Stafford, Maumee

Industrial Engineer

One candidate

George Dewey Martin, Lawrenceville, N. J.
B.S. (Miami University)

Bachelor of Science in Industrial and Systems Engineering

Three candidates

Patricia Steckmyer Goulart, Hillsdale, Mich.
Othor Geoffrey Okogbas,
Fort Harcourt, Nigeri
Herbert Carlyle Robinson, Bluefield, W. Va.

Bachelor of Science in Mechanical Engineering

Fourteen candidates

Abraham Heriberto Baez Job,
Santo Domingo, Dominican Republic
Lance Erik Bowman, Lima
Randall Eugene Carter, Waynesfield
David Allan Coovert, Willard
Jesse Wayne Hurt, Columbus
Jeffrey Carl Johnson, Broadview Heights
Bruce William Lavash, Cincinnati
Michael Robert Mayer, Sandusky
Lee Norris Miller, Columbus
Nicholas Emil Oltean, Broadview Heights
Roy Martin Reker, Chesterland
Peter John Stroempl, Columbus
George Gideon Szeles, Cleveland
Thomas Edward Weyandt, Mentor

Bachelor of Science in Metallurgical Engineering

One candidate

Albert Wilson Fulton, Jr., St. Clairsville

School of Architecture

Bachelor of Science in Architecture

Four candidates

Thomas Oscar Doggett, Jr., Columbus
Thomas Joseph Korosel, Kettering
Jon Scott Seilhamer, Columbus
Robert Lee Westlake, Alexandria, Va.

Bachelor of Science in Landscape Architecture

Three candidates

Maek Alan Cope, Orlando, Fla.
Teresa Kamenar, Barberton
Julia Christine Wolf, Cuyahoga Falls

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Fifteen candidates

James Richard Berry, Columbus
B.S., B.S.E.E.

Thomas Whitney Crosby, Cleveland
B.A.

John Raymond Engle, Etna
B.S.

Kenneth R. Jones, Felicity
B.S. (Georgetown College)

Loren Anthony Landis, Toledo
B.S. (University of Toledo)

James Willie Lipscomb, Columbus
B.A. (Talladega College)

William Wolf Nuckles, Canton
B.S. (Bowling Green State University);
M.A.

James Peter Psarras, Akron
B.A. (Case Western Reserve University)

Steven William Rose, Ashland
A.B. (Miami University)

Mark Allan Roth, South Euclid
B.A. (New College)

Joan Marie Stets, Niles
B.S.

Howard George Stierwalt, Fremont

John Stephen Venglarcik, III, Struthers
B.S. (Kent State University)

Stephen Joseph Weiss, Columbus
B.A.

Ronald Lester White, West Union
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Fifty-three candidates

Kathy Lynn Arn, Dunkirk
Marilyn D. Beale, Pittsburgh, Pa.

Audrey Lee Brockman, East Palestine
Andrea Lynn Brown, Logan
Deborah Roe Carruth, Perrysburg
Patricia Ann Cavalier, North Canton
Lena Carpenter Denio, Rayland
Judith Ann Doerfler, Columbus
Deborah Ann Doleski, Lansing
Rebecca Diane Durham, Gallipolis
Marcia Ann Eppler, University Heights
William Ray Gibson, Columbus
Gayle Lynne Gockel, Euclid
Bandy Lee Grigsby, Lucasville
Bonnie L. Gschwend, Waterville
Christine Marie Habraken, Newport, R. I.
Jill Ellen Haines, Hicksville
Candace Addington Hawthorne,
McKeesport, Pa.

Terri Persons Haynes, Elyria
Suzanne Elaine Wilson Heisman,
Pittsburgh, Pa.

Thomas William Holliday, Lancaster
Peggy Sue Holloway, Marion
Theresa Ann Kehres, Toledo
Kathleen Susan Kennedy, Bay Village
Deborah Ann Kiraly, Cleveland Heights
Kathleen Marie Kolkmeier, Cincinnati
Janet Mae Kotolowski, Avon
Virginia Anne Kottenstette, Columbus
Debra Ellen Krug, Euclid
Janis Patricia Kunimoto, North Royalton
Jo Anne Kusy, Fairborn

Gail Anne Luebbers, Cincinnati
Penelope Sue Noah Lutz, Columbus
Janis Jean Mahon, Cincinnati
Rachel Ashburn Mallory, Columbus
William George Maurer, Columbus
Laura Frances McLaren, Strongsville
Lora Jean Mechenbier, Dayton
Karen Ann Meiring, Minster
Sandra Erica Mittenberg, Columbus
Bernadette Riley Murray, Columbus
Christine Marie Neal, North Canton
Melanie Martin Peoples, Westerville
Douglas Michael Powers, Cleveland Heights
Nancy Punkar, Conneaut
Laurie Ann Rack, Cincinnati
Beverly Ellen Reder, Cincinnati
Teresa Marie Schad, Cincinnati
Sandra Lynn Shonard, Lewiston, N. Y.
Victoria Lynn Smith, Dayton
Janet Spletzer, Bryan
Elizabeth Ann Streett, Medina
Shannon Nachazel Tise, Columbus

Certificate of Nurse Anesthetist

Four candidates

Marie Simon Beyke, Versailles
R.N. (Saint Elizabeth Medical Center
School of Nursing)
Norma Helen Landis, Centerville
R.N. (Saint Elizabeth Medical Center
School of Nursing)
Jerry Lee Poland, Cambridge
A.A. (Ohio University)
Douglas Kent White, Paulding
A.A.S. (Purdue University)

Certificate of Post Baccalaureate Medical Technologist

One candidate

Joanne Alyse Coey, New London
B.S. (Ashland College)

Certificate of Post Baccalaureate Physical Therapist

Twenty candidates

Robert Frank Beck, Richmond Heights
B.S. (Bowling Green State University)
Kathy Sue Blackford, Lancaster
B.S. (Ohio University)
Andrea Lynn Bloch, University Heights
B.A. (Miami University);
M.A. (Kent State University)
James Richard Brennan, West Leyden, N. Y.
B.S. (Springfield College); M.A.
Janet Louise Deters, Enon
B.S., M.S. (University of Dayton)
Elaine Kay Finck, Montgomery, Pa.
B.S. (Kings College)
Mary Ann Gardner, North Olmsted
B.S. (John Carroll University)
D. Anita House, Bucyrus
B.S. (Andrews University)
Raye Rigel Howells, Richmond Heights
B.A. (Kenyon College)
John Stanley Kauffman, Marshallville
B.A. (Goshen College)
Michael Edward Kuehn, Toledo
B.A. (Xavier University)
Judith Aileen Kunugi, Monte Vista, Colo.
A.B. (Adams State College)
Theodore Robert Lenton, Youngstown
B.S. (Ohio University)
Linda Sue Samp, Schiller Park, Ill.
B.A. (Case Western Reserve University)
Patti Joan Smith, Springfield
B.A. (Wittenberg University)
Judy Marguerite Theobald, Ravenna
B.A. (Miami University)
Roger Eugene Valentine, Chillicothe
B.S. (Ohio University)
Jesse William White, Kent
B.A. (Albion College)
Marilyn Petry Wikoff, Portsmouth
B.S. (Ohio University)
Mary-Lee Claire Wilkinson, Columbus
A.B. (Hope College)

School of Nursing

Bachelor of Science in Nursing

Eleven candidates

Sandra Ann Basta, Macedonia
Carol Lynn Baughman, Mt. Gilead
Donald Allen Camillo, North Royalton
Cecilia Ann Casey, Columbus
Pamela Sue Fried, University Heights
Michelle Jae Gannon, Cincinnati
Leah Watson Garver, Columbus
B.S.
Sheila Evelyn Gordon, Canton
Shirley Ann Booker Kelly, Columbus
Marci Tilda Levy, Cincinnati
Lynn Ellen Phillips, Dover

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Four candidates

Terri Lee Davis, Columbus
Helen D. Goss, Baltimore, Md.
Irene Young McClelland, Summerville, Ga.
Christopher T. Ohm, Worthington

Graduates with Honors

Cum Laude

Summa Cum Laude

Donald Steven Allen, Newark
Irina Grantsch Anderson, Lima
Richard Eric Blair, Ironton
Judith Ann Doerfler, Columbus
Lori Ann Hinz, Parma
Lynne Marie Jonuska, Akron
Bruce William Lavash, Cincinnati
Theresa Citko Mlicki, Columbus
Anna Jean Smith Pospai, Columbus
James Phillip Turanchik, Columbus
James Randolph Ullom, Perrysburg
Judith Elaine Widman, Bucyrus

Summa cum laude with distinction in Animal Science

David Andrew Ebert, Cardington

Summa cum laude with distinction in Biochemistry

John Keith Steehler, Grove City

Summa cum laude with distinction in Economics with honors in the Liberal Arts

Leyla Valerie Woods, Chillicothe

Summa cum laude with distinction in Environmental Education

Susan Elizabeth Flory, Columbus

Summa cum laude with distinction in Resource Development

David Scott Crecelius, Morton, Ill.

Kathleen Elaine Anderson, Columbus
Johan Arndt Anders Bergh, Toledo
Mary Colleen Canning, Cleveland
Jennifer Lynn Cotterill, Columbus
Diana Gay Dulebohn, Waynesfield
Diana Pobst Ett, Ashville
Patricia Steckmeyer Goulart,
Hillsdale, Mich.
Randy Lee Grigsby, Lucasville
Bonnie L. Gschwend, Waterville
Jill Ellen Haines, Hicksville
Margaret Emily Jones, Westfield Center
Marilyn Allison Judd, Westerville
Cengiz Seref Kurkcü, Marion
Barbara Smith Lange, Portsmouth
Beverly Peterson Ogren, Columbus
Steven G. Paul, Wayne, N. J.
Debra Phyllis Perlman, Cleveland
Diana Mae Prince, Columbus
Nancy Punkar, Conneaut
Roy Martin Reker, Chesterland
Leon Martin Rubin, East Liverpool
Diane Dillemath Ruzicka, Gahanna
Melvin Dean Wenger, Dalton

Cum laude with distinction in Agricultural Economics

Pierrette Larchier Woodford, Columbus

Cum laude with distinction in Horticulture

Dean Edward Rule, Columbus

Cum Laude with distinction in Nutrition

Alice Wittmeyer Mills, Columbus

With distinction in English

Edward Peter Gilbert, Delaware

With honors in the Liberal Arts

Diana C. Schrader, State College, Pa.

† Denotes Distinguished Military Graduate

While every effort is made to ensure the accuracy and completeness of the names appearing in the Commencement Program, printing schedules occasionally make this impossible. Therefore, the University's permanent academic record for each student is the official registry for conferral of a degree.

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

COLUMBUS

July 1, 1977 to June 30, 1978

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1977-1978

THE OHIO STATE UNIVERSITY

HAROLD L. ENARSON, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
M. MERLE HARROD, Wapakoneta	September 2, 1969	May 13, 1978
JOHN L. GUSHMAN, Lancaster	December 11, 1970	May 13, 1979
HOWARD D. SIRAK, Columbus	May 19, 1971	May 13, 1980
PATRICIA D. JAMES, Cleveland	July 18, 1972	May 13, 1981
CHESTER DEVENOW, Toledo	May 14, 1973	May 13, 1982
WARREN J SMITH, Columbus	January 6, 1975	May 13, 1983
JOHN D. JACOB, Worthington	May 14, 1975	May 13, 1984
DONALD J. HILLIKER, Bellefontaine	May 14, 1976	May 13, 1985
JOHN F. HAVENS, Delaware	May 14, 1977	May 13, 1986
DANIEL M. GALBREATH, Columbus	May 14, 1978	May 13, 1987

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HOWARD D. SIRAK, *Vice Chairman*
EDWARD Q. MOULTON, *Secretary*
ERNEST W. LEGGETT, *Treasurer*¹
LEONARD V. COOK, *Acting Treasurer*²

¹ Retired February 28, 1978

² Effective March 1, 1978

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND TWENTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 22, 1977

The Board of Trustees met at its regular monthly meeting on Friday, July 22, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, Howard D. Sirak, M. Merle Harrod, Patricia D. James, Chester Devenow, Warren J. Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 78-1

Synopsis: Resolutions honoring the service of seven of this University's faculty members who have recently died.

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. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Leo J. Greenwald

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 10, 1977, of Dr. Leo J. Greenwald, Instructor Emeritus in the College of Dentistry.

Dr. Greenwald received his D.D.S. degree from the Chicago College of Dental Surgery in 1919. He received a Fellowship from Mayo Clinic from 1923 to 1925. He was in private practice in Ludington, Michigan, from 1919 to 1923. He was appointed Instructor in Oral Surgery at The Ohio State University College of Dentistry in 1953 and served in that capacity until his retirement in 1967. He also had a private practice in Columbus. His hospital affiliations included University Hospital, Grant Hospital, Mt. Carmel Hospital and Mercy Hospital.

Dr. Greenwald was a member of the Columbus Dental Society and served as President from 1941-1942. He was also a member of the Ohio State Dental Society, American Society of Oral Surgery, Great Lakes Society of Oral Surgery, American Dental Association, and the Ohio State Society of Anesthesiology.

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.

Earl G. Jones

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 6, 1977, of Dr. Earl G. Jones, Professor Emeritus in the College of Dentistry.

Dr. Jones received his D. D. S. degree from Starling-Ohio Medical College in 1912. He was in private practice in Marysville, Ohio, for one year and in Columbus, from 1914 until 1968. He was a member of the faculty at The Ohio State University College of Dentistry from 1916 until 1961 when he retired.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Earl G. Jones (contd)

Dr. Jones was Past President of the Ohio State Dental Association and the American Orthodontic Association. He was a member of Omicron Kappa Upsilon a dental honor society and a Fellow of the American College of Dentists. He was a 33rd Degree Mason, Past Potentate of Aladdin Temple, a charter member of Columbus Rotary, and a member of Bexley Methodist Church.

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.

Percy W. Ott

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 19, 1977, of Percy W. Ott, Professor Emeritus in the Department of Engineering Mechanics.

Professor Ott was born in Mt. Hermon, Louisiana, on September 24, 1889. He received a B.S. degree from the University of Illinois in 1917. In 1919 he received a certificate of science from the University of Toulouse, France, and earned the first M.S. degree awarded by the Mechanics Department of The Ohio State University in 1932.

The teaching career of Professor Ott included service at The Ohio State University as Instructor in mechanics 1919-1921; Assistant Professor 1921-1928; Associate Professor 1928-1932; Professor from 1932 until his retirement in 1955; and Chairmanship of the Mechanics Department from 1934-1952.

Early in his career, he was a Principal in Louisiana Public Schools 1910-1912, owned and operated a saw mill 1912-1913. Professor Ott had extensive professional experience and served as an officer in the Corps of Engineers 1917-1919. Throughout his teaching career he served as a part-time design engineer and consultant to numerous industries. Following University retirement he served as consultant to Chief Scientist, U. S. Naval Air Missile Test Center.

Professor Ott expressed his technical interests as dynamics, stress analysis, and underwater sound systems. In the months immediately preceding his death, he was working on innovative ideas concerning mass transit systems, and had nearly completed an extensive report on the failure of the "Silver Bridge." He had hoped to add this to his extensive list of technical publications, in which field he also held three patents.

His professional and honorary society affiliations included Tau Beta Pi, Phi Kappa Phi, Pi Mu Epsilon, Sigma Xi, American Society of Civil Engineers, and A.S.E.E.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Percy W. Ott (contd)

Students considered Professor Ott one of the outstanding teachers in the College of Engineering. His natural ability to bring the applications of fundamental laws of mechanics down to the individual level of any student was an acknowledged trait. His patience in counseling, and his advice to young engineers were always available, exemplified by his well-known ethical standards. His broad experience and fertile mind supplied cogent analogies, quickly to clinch his point.

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 sympathy in its bereavement.

Rupert Salisbury

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 23, 1977, of Rupert Salisbury, Assistant Dean and Professor in the College of Pharmacy.

Professor Salisbury received his Bachelor of Science and Master of Science degrees from Columbia University College of Pharmacy in 1949 and 1951, respectively. He received his Doctor of Philosophy degree from The Ohio State University in 1954 and his Juris Doctor degree from Capital University in 1969.

Professor Salisbury was a nationally known authority in the field of pharmacy. His fields of expertise were pharmaceutical law, professional practice and drug abuse. He served from 1960 to 1966 as Executive Secretary of the Ohio State Board of Pharmacy. Because of his broad interests and knowledge he was in constant demand as a speaker for many different groups, ranging from professional to lay audiences.

Active in professional societies, Professor Salisbury was a member of the American Pharmaceutical Association, American Society of Hospital Pharmacists, American Association of Colleges of Pharmacy, National Association of Boards of Pharmacy, American Society for Pharmacy Law, Ohio State Pharmaceutical Association, Academy of Pharmacy of Central Ohio, Ohio State Bar Association, American Association for the Advancement of Science, American Chemical Society as well as the honor societies - Sigma Xi, Rho Chi, Phi Lambda Upsilon. He received the College of Pharmacy's first Outstanding Teacher Award when it was established in 1973.

Through his inspiring and stimulating teaching, his warmth and human understanding, and his indomitable wit, Professor Salisbury gained the respect and affection of more than 20 graduating classes. His interest and influence continued into the professional and personal lives of alumni long after graduation.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Rupert Salisbury (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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.

Harry D. Spangenberg, Jr.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 31, 1977, of Dr. Harry D. Spangenberg, Jr., Associate Professor in the College of Dentistry.

Dr. Spangenberg received his D.D.S. degree from the University of Pennsylvania in 1935; Intern and Resident in Oral Surgery, Metropolitan Hospital, New York City, 1935-38; and received his M.S. in Dental Surgery from the University of Minnesota in 1939.

Dr. Spangenberg was a member of the International Association for Dental Research, Columbus Dental Society, American Dental Association, American Dental Society of Anesthesiologists, Great Lakes Society of Oral Surgeons, American College of Dentists, American Academy of Oral Roentgenology, American Association for the Advancement of Science, American Dental Association Representative, and Consultant to the American National Standards Institute. He is also listed in *American Men of Science* and *Who's Who in Science*.

Dr. Spangenberg published numerous scientific articles, conducted research under the auspices and the sponsorship of various organizations including the Research Foundation at The Ohio State University, U. S. Air Force Office of Scientific Research, School of Aviation and Office of Naval Research. 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.

Harold S. Ward

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 10, 1977, of Harold S. Ward, County Extension Agent, Emeritus.

Mr. Ward was born January 14, 1894, in Bellefonte, Pennsylvania. He attended Bellefonte High School, graduating in 1912. A Bachelor of Science degree in horticulture was received from Penn State University in 1916. Additional education with credit toward a Master of Science degree was secured from The Ohio State University, Colorado State University and Western Reserve University.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Harold S. Ward (contd)

Mr. Ward joined the faculty of The Ohio State University as a County Extension Agent in Cuyahoga County on October 16, 1928, and retired from that same position on June 30, 1957. Prior to joining the faculty, Mr. Ward served in the U. S. Army for two years, as a high school teacher and superintendent for five years and as a County 4-H Club Agent in New Jersey for four years.

Mr. Ward was a dedicated and highly respected agricultural leader in Cuyahoga County. He was well known and respected among his peers on the Extension Faculty. In 1937 he served as President of the Ohio Cooperative Extension Agents Association. In recognition of his outstanding accomplishments he was awarded the Certificate of Distinguished Service by the National Association of County Agricultural Agents. He will long be remembered for his outstanding contributions to the greenhouse vegetable industry throughout Ohio and the nation.

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 copies be tendered to the family as an expression of sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

Earl Wellington Wiley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 7, 1977, of Earl W. Wiley, Professor Emeritus of Communication. Professor Wiley retired on June 30, 1957, following 42 years of distinguished service to the University.

Born in 1886, Professor Wiley received his Bachelor of Arts degree from Dartmouth College in 1909, and his Master of Arts degree from Ohio State in 1917. He joined the faculty at Ohio State as an Instructor of English in 1915, and became a full Professor in 1927. In 1936 he helped create the Department of Speech, serving for several years as Acting Chairman.

Professor Wiley achieved national distinction as an interpreter of the rhetorical theories of Aristotle and of the speeches of Abraham Lincoln. His life-long study of Lincoln began with his volume on *Four Speeches by Abraham Lincoln* in 1927 and ended with the publication of *Abraham Lincoln: Portrait of a Speaker* in 1970.

Active in professional societies, Professor Wiley was a member of state, regional, and national associations in the field of communication. In 1957 he served as Chairman of the Abraham Lincoln Sesquicentennial Commission. One year later he was appointed to membership on the Ohio Civil War Sesquicentennial Commission.

Through his dedication to teaching and scholarship, his devotion to democracy, and his interest in people, Professor Wiley contributed significantly to the development of speech education in Ohio and the nation.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Earl Wellington Wiley (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.

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MODIFICATION OF RULES OF THE UNIVERSITY FACULTY

11.12 (Ombudsman) and Repeal of 29.2731 (Campus Grievance Committee); 28.01b (Membership) and 28.03 (Term of Office); 37.15 (Withdrawal from Courses); 37.16 (Conditions for Continued Enrollment in Courses); and Repeal 47.01 (Withdrawal from University)

Resolution No. 78-2

Synopsis: The University Senate proposes modification and deletion of certain Rules of the University Faculty.

WHEREAS Rule 28.19 of the University Faculty sets forth procedures for amending Rules which require the approval and recommendation by the University Senate before transmission to the Board of Trustees for consideration; and

WHEREAS the University Senate at the meeting held June 4, 1977, approved modifications to and the deletion of several Rules set forth on the following pages and summarized as follows:

Rule 11.12

The procedure for selecting and monitoring the University Ombudsman is set forth in this Rule. Originally, an Advisory Committee on Campus Grievances had responsibility for recommending the person to be appointed as Ombudsman. This procedure is being modified with the Committee endorsing its own dissolution and the repeal of Rule 29.2731.

Rule 28.01b and 28.03

The members of the Intra-University Counselors' Organization believe they can communicate effectively to the Senate through their faculty senators, thus this group no longer wishes representation through non-voting members of the Senate. At the same time, the undergraduate student membership of the University Senate has indicated a need for Freshman representation on the Senate.

Rule 37.15

Modification of procedures for the withdrawal from classes and from the University is incorporated into a single rule which eliminates the need for Rule 47.01.

July 22, 1977 meeting, Board of Trustees

MODIFICATION OF RULES OF THE UNIVERSITY FACULTY (contd)

11.12 (Ombudsman) and Repeal of 29.2731 (Campus Grievance Committee); 28.01b (Membership) and 28.03 (Term of Office); 37.15 (Withdrawal from Courses); 37.16 (Conditions for Continued Enrollment in Courses); and Repeal 47.01 (Withdrawal from University) (contd)

Rule 37.16

This proposed rule was first developed and approved by the Board in July, 1976. Some unanticipated problems have developed since that time which have required the use of the University Police. Based upon this experience the Office of Student Services has recommended a revision in this rule which deals more effectively with disruptive conduct in the classroom.

NOW THEREFORE

BE IT RESOLVED, That the proposals from the University Senate approved June 4, 1977, be adopted.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

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**CHANGE NAME OF DIVISION OF COMPARATIVE LITERATURE AND LANGUAGES
TO DIVISION OF COMPARATIVE STUDIES IN THE HUMANITIES**

Resolution No. 78-3

Synopsis: A change of name is proposed for the Division of Comparative Literature and Languages.

WHEREAS the present name of the Division of Comparative Literature and Languages does not adequately represent its activities; and

WHEREAS the College of Humanities has proposed a name which more adequately describes the interdisciplinary instructional activities of the Division:

NOW THEREFORE

BE IT RESOLVED, That the action of the University Senate on June 4, 1977, which changed the name of the Division of Comparative Literature and Languages to Division of Comparative Studies in the Humanities be adopted by the Board of Trustees.

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

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RULES

11.12. Ombudsman.

Section 1. The Ombudsman shall be appointed by the President with the approval of the Board of Trustees, from among a panel of three candidates presented by an ad hoc search committee composed of ten members as follows:

- two faculty members selected by the University Senate
- two undergraduate students, selected by the Student Assembly
- two graduate students, selected by the Council of Graduate Students
- two alumni, selected by The Ohio State University Association
- two non-teaching staff, appointed by the President of the University

Section 2. Qualifications for the office shall include a comprehensive knowledge of University organization and procedures, and a resident appointment at Ohio State for at least six consecutive years. The Ombudsman shall serve for a three-year term and be eligible for reappointment.

Section 3. The functions of the Ombudsman shall be (a) to receive and attempt to resolve individual grievances of members of the University community; and (b) to recommend procedural changes within the University in response to experience acquired in investigating individual cases. The Ombudsman shall have access to all administrative officials of the University and to all University records, including those of faculty members; will not have authority to take disciplinary action, reverse decisions, or circumvent existing University rules and procedures; shall supplement, not replace, other means for redress of grievances.

Section 4. The Ombudsman shall make periodic reports to the University community at large. (B/T 9/10/70)

28.01. Membership.

- b. Non-voting Members: Senate Members not entitled to vote on the floor of the Senate, but otherwise to participate in all Senate deliberations, shall include the University Ombudsman, the Director of Alumni Affairs, the President of Freshmen Senate, the President of Undergraduate Student Government, the Vice President of Undergraduate Student Government, the President of the Council of Graduate Students, and the President of the Inter-Professional Council.

28.03. Terms of Office.

Ex officio Members serve by virtue of their position and shall have no fixed term of office.

Faculty Members shall serve three-year terms, with one-third being elected each year; they shall be ineligible for one year for re-election.

Student Members shall serve one-year terms and be eligible for re-election. (B/T 7/7/72, B/T 7/9/76)

RULES

37.15 Withdrawal from Courses or from the University.

Section 1. Withdrawal from the University during a quarter constitutes withdrawal from all courses in which a student is enrolled during that quarter.

Section 2. To withdraw from any or all courses, a student must file the appropriate form with the authorized representative of the Dean or Director of the student's enrollment unit.

Section 3. Until 5:00 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 mark will be entered on the student's official permanent record.

Section 4. After 5:00 p.m. of the fourth Friday of a quarter and until 5:00 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 Student Records is authorized to enter the mark W on the student's official permanent record for the courses withdrawn.

Section 5. After 5:00 p.m. of the seventh Friday of the quarter (or the third Friday of the relevant term for Summer term courses), 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 Student Records 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).

Section 6. Withdrawal from any or all courses shall not be permitted after the last day of regularly scheduled classes, that is, after the beginning of the period scheduled by the University for final examinations.

Section 7. A student who stops attending a course (or courses) and does not officially withdraw from it (them) shall have the appropriate mark as submitted by the instructor entered on the student's official permanent record for the course(s). Such a mark shall be based on the grading criteria used to evaluate all students in the course.

Section 8. Graduate professional colleges shall formulate rules to govern withdrawal of their students from courses in their respective curricula, subject to the approval of the Council on Academic Affairs, and publish these rules in their respective bulletins.

Section 9. For provision regarding return of fees, when applicable, see Rule 43.09.

RULES

37.16. Conditions for Continued Enrollment in a Course.

Section 1. After consultation with the classroom instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from an undergraduate course if:

- a. by the third instructional day of the quarter or the second scheduled class session of the course, whichever occurs later, the student fails to attend the scheduled course without giving prior notification to his instructor. In such cases the chairperson (or other appropriate administrative official) shall notify the student's college office. A change ticket removing the course from the student's schedule shall be prepared and copies forwarded to the student and to the Office of Records. The student is not relieved of the responsibility for dropping such course in the customary way.
- b. the student either enrolls to audit a course without the instructor's approval or, after receiving such approval, the student fails to meet the conditions of the audit enrollment established by the instructor. Disenrollment procedures shall be the same as in (a) above.
- c. the student fails to meet the prerequisites of the course or fails to demonstrate adequate preparation as provided in Rule 37.13. Disenrollment procedures shall be the same as in (a) above.

Section 2. After consultation with the classroom instructor, students in the class, 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;

- a. If, after attempting to resolve the difficulty by informal means, the department chairperson (or other appropriate administrative official) deems disenrollment necessary, the affected student shall be notified in writing. The notice shall be delivered by hand or sent through ordinary mail to the student at the last address supplied pursuant to Rule 41.15. Copies of the disenrollment action shall be sent to the dean of the instructional college, the dean of the student's college, the Office of Records, and the Office of Student Services.
- b. The Student may appeal to the Provost or designee for waiver of disenrollment under this Section, provided the appeal is filed within ten days of the disenrollment action. The Provost shall make final determination on the appeal within seven days.
- c. Disenrollment is effective upon the action of the department chairperson (or other appropriate administrative official), unless reversed by the Provost or designee.

Section 3. For disenrollment under this Rule, the Director of Student Records shall enter on the student's official permanent record:

- a. no mark, if the disenrollment occurs before 5:00 p.m. of the fourth Friday of a quarter (third Friday of the relevant term for Summer term courses), or
- b. the mark, W, if the disenrollment occurs after 5:00 p.m. of the fourth Friday of a quarter (third Friday of the relevant term for Summer term courses). (B/T 7/9/76)

REVISED BUDGET 1977-78

Resolution No. 78-4

I. INTRODUCTION

The Board of Trustees adopted the 1977-78 Current Funds Budget on June 8, 1977. Because the General Assembly had not passed an appropriations bill on that date, the Budget adopted in June was presented as a Provisional Budget.

On June 29, 1977, the General Assembly passed an appropriations bill which was signed by the Governor on June 30. That appropriations bill has prompted the University to revise some parts of its revenue and expenditure projections for 1977-78.

- * The Provisional 1977-78 Budget for OSU assumed restoration on a statewide basis of \$30 million for higher education; i.e., to those funding levels contained in the Executive Budget for the upcoming biennium. The appropriations bill did not contain the restoration, resulting in reductions of University revenue projections amounting to \$2.1 million for each year of the biennium.
- * A line-item supplement for the College of Dentistry is provided in the appropriations bill. This revenue supplement, amounting to \$299,000 for each year of the biennium, was not included in the Provisional University Budget although the University had budgeted some additional support for the health sciences and other critical program areas.
- * The Provisional 1977-78 Budget contained \$1.68 million to offset potential legislation mandating a 6% salary increase for Classified employees. Such legislation was not passed in conjunction with the appropriations bill. We are recommending deletion of this budgeted expenditure in the Revised 1977-78 Budget.

II. REVENUE CHANGES

The following revenue projections have changed as a consequence of the appropriations bill.

- * Restoration of instructional subsidies to that level contained in the Executive Budget was not achieved in the appropriations bill.

Instructional Subsidy Changes	-\$2,091,000
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- * A supplementary appropriation for the College of Dentistry was added to the appropriations bill upon recommendation of the Senate Finance Committee.

Dentistry Supplement	+\$ 299,000
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REVISED BUDGET 1977-78 (contd)

* Total changes in projected revenues in the Revised Budget are:

Instructional Subsidy	- \$2,091,000
Dentistry Supplement	+ \$ 299,000
Net Changes	- \$1,792,000

III. EXPENDITURE CHANGES

Corresponding reductions in expenditures have been made in this Revised Budget:

* A bill mandating salary increases for Classified employees was not passed with the appropriations bill. This Revised Budget eliminates the reserve contained in the Provisional Budget to cover such salary increases.

Classified Pay Bill	- \$1,680,000
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* Minimum flexibility funds have been reduced from \$1,770,000 to \$1,658,000.

Minimum Flexibility Fund	- \$ 112,000
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* Net reductions in the revised budgeted expenditures are as follows.

Classified Pay Bill	- \$1,680,000
Minimum Flexibility Fund	- \$ 112,000
Total Changes	- \$1,792,000

IV. CONTINGENCY PLANNING

Several factors may necessitate future changes in revenue or expenditure estimates; e.g., enrollment fluctuations or legislation not at this date passed. Two items of legislation, if passed, would have considerable impact on the University's expenditures. Any future legislation concerning pay increases for Classified employees would affect expenditures, the amount depending on the percentage increase and the effective date of such legislation. A bill recently introduced in the House to mandate participation in the State retirement systems of employees presently exempted would also, if passed, result in additional expenditures.

This Revised 1977-78 Budget contains minimum flexibility funds and funds set aside for capitation and accreditation relief, adjusted in the manner described in Section III from those levels contained in the Provisional Budget. Further adjustments in these funds may be necessary as further information is available about those revenue and expenditure factors beyond the control of the University. If necessary, we may also adopt selectively alternate plans for reduced funding which the colleges and offices submitted during budget reviews.

July 22, 1977 meeting, Board of Trustees

REVISED BUDGET 1977-78 (contd)

V. RECOMMENDATION

It was recommended that the Revised Budget as proposed for 1977-78 be approved.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the foregoing recommendation was approved by unanimous roll call vote.

Dr. Jacob then made the following statement and proposed that a resolution be forwarded to the General Assembly.

On behalf of the College of Dentistry and its graduates, we would like to express our appreciation to the General Assembly for providing a supplemental support grant which is urgently needed to solve some of our accreditation problems. I hope in the future the graduates of the College of Dentistry appreciate this consideration and will act as though they are ready to take their place in the professional world.

RESOLUTION

Resolution No. 78-5

WHEREAS the Ohio General Assembly provided through House Bill 191 direct supplemental support to our College of Dentistry for this current biennium; and

WHEREAS these funds will be of material assistance in strengthening our academic programs within this College:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of this University conveys to the members of the Ohio General Assembly its sincere appreciation for providing a supplemental appropriation through House Bill 191 to our College of Dentistry for this current biennium.

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

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July 22, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET

BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Provisional Budget	Revised Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$133,708	\$133,096
Libraries	7,225	7,126
Other Academic Support	2,379	2,330
Sponsored Programs Administration	2,070	2,070
Student Services	6,965	6,841
Plant Operation	22,889	22,368
Institutional Support	18,466	18,126
Total Instruction and General	\$193,702	\$191,957
Sponsored Research		
Research Foundation	\$ 19,480	\$ 19,480
Engineering Experiment Station	2,438	2,433
University Sponsored Programs	717	700
Other	2,351	2,351
Total Sponsored Research	\$ 24,986	\$ 24,964
Public Service		
University Hospitals	\$ 74,298	\$ 74,298
Cooperative Extension Service	16,950	16,950
University Sponsored Programs	2,374	2,353
Other	14,419	14,419
Conferences	1,760	1,760
Total Public Service	\$109,801	\$109,780
Scholarships and Fellowships	\$ 5,484	\$ 5,484

July 22, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Provisional Budget	Revised Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 18,040	\$ 18,040
Intercollegiate Athletics	7,271	7,271
University Bookstores	4,263	4,263
Student Health Service	2,251	2,246
Student Unions	2,178	2,178
Parking Facilities	2,046	2,046
University Airport	1,668	1,668
Fawcett Center For Tomorrow	1,329	1,329
Other	937	937
Total Auxiliaries	\$ 39,983	\$ 39,978
TOTAL COLUMBUS CAMPUS	\$373,956	\$372,163
Regional Campuses		
Administration	\$ 168	\$ 168
Lima Campus	2,038	2,038
Mansfield Campus	2,218	2,218
Marion Campus	1,342	1,342
Newark Campus	2,028	2,028
Agricultural Technical Institute	2,200	2,200
Wright Patterson Graduate Center	195	195
Total Regional Campuses	\$ 10,189	\$ 10,189
GRAND TOTAL	\$384,145	\$382,352

July 22, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1977-78 BUDGETS
(IN THOUSANDS)

	Provisional Estimated Income	Revised Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$128,903	\$127,111
Federal	45,326	45,326
County	4,081	4,081
Subtotal	\$178,310	\$176,518
Student Fees		
Instruction and General	\$ 53,625	\$ 53,625
Room and Board	14,775	14,775
Other	1,975	1,975
Subtotal	\$ 70,375	\$ 70,375
Other Income		
Auxiliary Sales and Charges	\$ 94,239	\$ 94,239
Department and University Services	16,887	16,887
Endowment Income	2,886	2,886
Gifts and Grants	11,950	11,950
Temporary Investments	2,100	2,100
Subtotal	\$128,062	\$128,062
TOTAL COLUMBUS CAMPUS	\$376,747	\$374,955
Regional Campuses		
Lima Campus	\$ 2,418	\$ 2,418
Mansfield Campus	2,570	2,570
Marion Campus	1,529	1,529
Newark Campus	2,369	2,369
Agricultural Technical Institute	2,398	2,398
Wright Patterson Graduate Center	195	195
TOTAL REGIONAL CAMPUSES	\$ 11,479	\$ 11,479
GRAND TOTAL *	\$388,226	\$386,434
*Difference from Expense in		
Earnings Operations:		
Capital Reserves	\$ 3,184	\$ 3,184
Use of Balances	(\$ 227)	(\$ 227)
Increase in Balances	\$ 1,124	\$ 1,125
Total	\$ 4,081	\$ 4,082

PERSONNEL ACTIONS

Resolution No. 78-6

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 "Salary Roll" of the University since the June 8, 1977 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

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

Appointments

Name: ROBIN S. WILSON
Title: Associate Provost
Office: Academic Affairs
Effective: September 1, 1977
Salary: \$39,000.00
Present Position: Associate Director, Committee on Institutional Cooperation

Name: LEON I. TWAROG
Title: Acting Dean
College: Humanities
Effective: September 1, 1977
Salary: \$40,680.00
Present Position: Professor, Department of Slavic Languages and Literatures, and Director, Center for Slavic and East European Studies

Name: ROBERT S. KELLER
Title: Associate Dean
College: Social Work
Effective: October 1, 1977
Salary: \$21,840.00
Present Position: Associate Professor, College of Social Work

Name: DONALD E. CRAWFORD
Title: Assistant Vice President
Division: Continuing Education
Effective: September 1, 1977
Salary: \$34,080.00
Present Position: Director of Continuing Education and Professor of Political Science, Seattle University

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: MICHAEL J. GURALNICK
Title: Director, Nisonger Center, and Associate Professor
Department: Communication
Effective: August 1, 1977
Salary: \$35,040.00
Present Position: Director, National Children's Center, Washington, D. C.

Name: RICHARD EUGENE PAYNE
Title: Assistant to Vice President
Office: Public Affairs
Effective: August 15, 1977
Salary: \$23,040.00
Present Position: Sales Representative, PPG Industries, Inc., Delaware, Ohio

Name: JAMES E. A. JOHN
Title: Professor and Chairman
Department: Mechanical Engineering
Effective: September 4, 1977
Salary: \$40,080.00
Present Position: Professor and Chairman, Department of Mechanical Engineering, University of Toledo

Name: OTIS J. SPROUL
Title: Professor and Chairman
Department: Civil Engineering
Effective: September 1, 1977
Salary: \$40,080.00
Present Position: Director, Environmental Engineering Program, and Professor, University of Maine

Name: ROBERT J. JEFFERS
Title: Associate Professor and Chairman
Department: Linguistics
Effective: October 1, 1977
Salary: \$22,560.00
Present Position: Assistant Professor, Department of Linguistics

Name: GARY W. REICHARD
Title: Associate Professor and Chairman
Department: History
Effective: October 1, 1977
Salary: \$25,080.00
Present Position: Assistant Professor, Department of History

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name:	KENT P. SCHWIRIAN
Title:	Professor and Acting Chairman
Department:	Sociology
Effective:	October 1, 1977
Salary:	\$30,360.00
Present Position:	Professor, Department of Sociology

Leaves of Absence Without Salary

RAPHAEL O. NYSTRAND, Professor, Academic Faculty of Educational Administration, effective July 18, 1977 through August 14, 1977, to teach at the University of Victoria.

GEORGE COURTNEY CHAPMAN, Associate Professor, Department of Aviation, effective October 1, 1977 through April 15, 1978, to act as a consultant to Battelle on Aviation Safety Reporting System Project.

HOWARD CRANE, Assistant Professor, Division of History of Art, effective October 1, 1977 through January 31, 1978, to continue research developed in his dissertation and to complete the writing of his monographic study on the patronage of architecture of the Sultan Ala Al-Din Kayqubad.

KENNETH R. GORDON, Assistant Professor, Academic Faculty of Management Sciences, effective October 1, 1977 through June 30, 1978, to fill a visiting appointment at the University of Colorado.

PENELOPE S. GRIFFING, Assistant Professor, Department of Family Relations and Human Development, effective August 1, 1977 through August 31, 1977, for personal reasons.

FREDERICK L. SNIDER, Assistant Professor, Department of History, effective April 1, 1978 through September 30, 1978, to revise and complete a book manuscript.

HENRY J. STEWARD, Assistant Professor, Department of Geodetic Science, effective October 1, 1977 through September 30, 1978, to accept a Fellowship by the American Council of Learned Societies to pursue map projection research.

DIANE E. JOHNSON, Instructor, Cooperative Extension Service, effective July 1, 1977 through July 31, 1977, for personal reasons.

JANIS A. THOMPSON, Instructor, Cooperative Extension Service, effective July 1, 1977 through August 31, 1977, to attend the University of Wisconsin.

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

LLOYD M. PARKS, Pharmacy Administration, with the title Dean Emeritus, effective July 1, 1977.

HARRY L. BARR, Cooperative Extension Service - State Operations, with the title Professor Emeritus, effective July 1, 1977.

DONALD J. BORROR, Department of Entomology, with the title Professor Emeritus, effective July 1, 1977.

ROY H. BOWEN, Department of Theatre, with the title Professor Emeritus, effective October 1, 1977.

GILBERT H. CODDINGTON, Department of Architecture, with the title Professor Emeritus, effective July 1, 1977.

PAUL F. GRAHAM, Department of Engineering Mechanics, with the title Professor Emeritus, effective July 1, 1977.

EUGENE W. GREEN, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1977.

WILBUR C. HELD, School of Music, with the title Professor Emeritus, effective July 1, 1977.

CLARENCE E. JACKSON, Department of Welding Engineering, with the title Professor Emeritus, effective July 1, 1977.

DONALD C. KIPLINGER, Department of Horticulture, with the title Professor Emeritus, effective June 1, 1977.

ROBERT W. MCCORMICK, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1977.

JOHN W. NELSON, College of Pharmacy (Division of Pharmacology), with the title Professor Emeritus, effective July 1, 1977.

NORMAN F. PHELPS, School of Music, with the title Professor Emeritus, effective July 1, 1977.

CLARENCE E. TAFT, Department of Botany, with the title Professor Emeritus, effective July 1, 1977.

CHARLES T. WEST, Department of Engineering Mechanics, with the title Professor Emeritus, effective July 1, 1977.

DOROTHY C. BAILEY, College of Social Work, with the title Associate Professor Emeritus, effective September 1, 1977.

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

CLARICE E. BLOOM, Department of Home Management and Housing, with the title Associate Professor Emeritus, effective July 1, 1977.

SAMUEL P. DAYKIN, College of Social Work, with the title Associate Professor Emeritus, effective July 1, 1977.

ROSAMOND B. ENGLAND, Department of English, with the title Assistant Professor Emeritus, effective July 1, 1977.

DORIS E. FULTON, Department of Human Nutrition and Food Management, with the title Assistant Professor Emeritus, effective July 1, 1977.

JEAN C. RHOAD, Lima Campus, with the title Assistant Professor Emeritus, effective July 1, 1977.

IRMA G. FITZENRIDER, Cooperative Extension Service, with the title Instructor Emeritus, effective July 1, 1977.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-7

Synopsis: The report on contracts, grants, and gifts and the summaries for May and June 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the months of May and June, 1977, be approved.

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

July 22, 1977 meeting, Board of Trustees

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

SUMMARY FOR MAY, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	25	\$ 552,872.00
The Ohio State University Research Foundation	64	3,242,011.00
The Engineering Experiment Station	2	26,332.00
		\$3,821,215.00
The Ohio State University Development Fund	7,220 Donors	\$ 486,540.06
Establishment of Named Funds:		
Grace Ewing Bernatz Research Fund (College of Medicine)		\$125,272.12
McGregor Fund Undergraduate Business and Accounting Scholarship (College of Administrative Science)		50,000.00
The Wayne E. Brown Scholarship (College of Administrative Science)		34,000.00
The Richard H. Kellogg Honors Scholarship Fund (Depart- ments of Animal Science and Dairy Science)		20,000.00

July 22, 1977 meeting, Board of Trustees

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

SUMMARY FOR MAY, 1977 (contd)

Edistina Hendrix Rutherford Scholarship (Scholarship Assistance)	\$ 10,048.12
John Paul Benua Memorial Fund (College of Agriculture and Home Economics)	10,000.00
Mervin G. Smith International Scholarship Fund in Agri- culture, Home Economics and Natural Resources (College of Agriculture and Home Economics and School of Natural Resources)	2,500.00
The Alan Clay Bondurant Memorial Fund (Department of Agricultural Engineering)	2,000.00

July 22, 1977 meeting, Board of Trustees

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

SUMMARY FOR JUNE, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	19	\$2,915,046.84
The Ohio State University Research Foundation	96	5,473,955.39
Engineering Experiment Station	3	265,271.00
		\$8,654,273.23
The Ohio State University Development Fund	4,143 Donors	\$1,448,240.97

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$72,091.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Clinical Psychology - Training Grant, Department of Psychology, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH05061-31)

\$43,150.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Hospital and Health Services Administration - Training Grant, Hospital and Health Services Administration, July 1, 1977 through June 30, 1978. (Grant No. 5 A04 AH02050-03)

\$37,070.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Physical Therapy - Teacher Preparation (M.S.) - Training Grant, School of Allied Medical Professions, January 1, 1978 through December 31, 1978. (Grant No. 5 A02 AH00667-03)

\$26,580.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Medical Dietetics - Administration (M.S.) - Training Grant, School of Allied Medical Professions, January 1, 1978 through December 31, 1978. (Grant No. 5 A02 AH00761-02)

\$22,380.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, M.S. in Medical Technology - Teacher Preparation - Training Grant, School of Allied Medical Professions, July 1, 1977 through June 30, 1978. (Grant No. 5 A02 AH00754-02)

\$16,296.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Psychiatry - Basic Residency - Training Grant, Department of Psychiatry, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH08458-14)

\$15,300.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Medical Student Apprenticeship Training Program - Training Grant, Department of Preventive Medicine, July 1, 1977 through June 30, 1978. (Grant No. 5 A07 AH00309-03)

\$15,203.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Child Psychiatry - Training Grant, Department of Psychiatry, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH11296-10)

July 22, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$14,678.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Clinical Psychology Internship Training - Training Grant, Department of Psychology, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH10778-11)

\$13,412.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Social Work Doctoral Program - Training Grant, College of Social Work, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH11981-09)

\$11,165.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Dental Hygiene - Teacher Preparation (M.S.) - Training Grant, School of Allied Medical Professions, July 1, 1977 through June 30, 1978. (Grant No. 5 A02 AH00753-02)

\$10,609.00 - Department of Health, Education, and Welfare, Public Health Service, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardiovascular Training Program - Training Grant, Department of Medicine, April 1, 1977 through June 30, 1977. (Grant No. 3 T01 HL05968-04S1)

TOTAL - FEDERAL CONTRACTS/GRANTS **\$297,934.00**

State of Ohio Contracts/Grants

\$48,870.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Improving Selected Teacher Competencies of Secondary Vocational Education Teachers in Ohio Through Innovative Inservice Training Workshops, Department of Agricultural Education, May 1, 1977 through September 30, 1977.

\$44,187.00 - State of Ohio, Department of Education, Columbus, Ohio, Adult Basic Education - Staff Development, Academic Faculty of Vocational-Technical Education, effective May 18, 1977. (Project No. 053 A77-SD)

\$43,111.00 - State of Ohio, Department of Education, Division of Federal Assistance, Columbus, Ohio, A Comprehensive Plan for a Study of Adult Basic Education in Ohio, Academic Faculty of Vocational-Technical Education, October 1, 1976 through September 30, 1977.

\$22,289.00 - State of Ohio, Department of Education, Columbus, Ohio, Technical Workshops in Vocational Education in Agriculture, Department of Agricultural Education, June 1, 1977 through October 31, 1977.

July 22, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$11,660.00 - State of Ohio, Department of Education, Columbus, Ohio, Effective Teaching/Learning Experiences for Children with Appalachian Heritage, Academic Faculty of Early and Middle Childhood Education, May 1, 1977 through May 1, 1978.

\$11,380.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving the Teaching of Writing in Secondary Schools, Academic Faculty of Humanities Education, May 1, 1977 through May 1, 1978.

\$10,450.00 - State of Ohio, Department of Education, Columbus, Ohio, Troy, Ohio: OSU Elementary Science Inservice - Implementation and Leadership Development Project, Academic Faculty of Early and Middle Childhood Education, May 1, 1977 through May 1, 1978.

\$10,350.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving Teaching Effectiveness in the Teaching of Reading and Writing in the Middle School, Academic Faculty of Early and Middle Childhood Education, May 1, 1977 through May 1, 1978.

\$7,625.00 - State of Ohio, Department of Education, Columbus, Ohio, Basic Vocational Guidance Workshop, Academic Faculty of Special Services, June 20, 1977 through June 30, 1977.

\$6,433.00 - State of Ohio, Department of Education, Columbus, Ohio, Motorcycle Safety Education Teacher Preparation Workshop, Center for Vocational Education, April 1, 1977 through August 31, 1977.

\$5,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Upgrading Workshop for Electronics Instructors, Academic Faculty of Vocational-Technical Education, March 15, 1977 through August 31, 1977.

\$2,133.00 - State of Ohio, Department of Education, Division of Federal Assistance, Columbus, Ohio, A Comprehensive Plan for a Study of Adult Basic Education in Ohio: Second Revision, Academic Faculty of Vocational-Technical Education, October 1, 1976 through September 30, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$223,488.00

Industrial and Other Contract/Grant

\$31,450.00 - The School District of Philadelphia, Philadelphia, Pennsylvania, for providing a continuing organization structure to facilitate further development of career education in member school districts, through programs of development, evaluation, training, dissemination and demonstration, Center for Vocational Education, November 15, 1976 through September 30, 1977.

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$415,000.00 - U. S. Energy Research and Development Administration, Argonne, Illinois, High Energy Physics Studies, Department of Physics, 1 October 1965 through 31 January 1978. (Project 2116 and 2116-A, Modification No. A001)

\$189,000.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering, 15 April 1977 through 30 October 1977. (Project 4712-A1, New)

\$165,715.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, A Study of the Impact of Mobile Coronary Care Units, Department of Preventive Medicine, 1 May 1977 through 30 April 1978. (Project 4358-A2 - Extension No. 1)

\$160,178.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Water Quality Surveillance Program, College of Biological Sciences, 1 April 1977 through 31 March 1978. (Project 4717-A1 - New)

\$145,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research with a 7 MV Van de Graaff Accelerator, Department of Physics, 15 May 1977 through 31 May 1978. (Project 4738-A1 - New)

\$130,956.00 - Environmental Protection Agency, Washington, D. C., Effects of Sized Asbestos Fibers on Cellular DNA, Membrane Structure-function, Intermediary Metabolism and Cellular Transformation by Physical, Chemical, or Viral Carcinogen, Department of Radiology, 15 April 1977 through 14 April 1978. (Project 4395-A2 - Amendment No. 2)

\$105,505.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services. (Project 4378-A1 - Modification No. P00005)

\$95,480.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Delivery of Mental Health Services in Disasters, Department of Sociology, 1 June 1977 through 31 May 1978. (Project 4467-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$91,691.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Regional Ambulatory Cancer Chemotherapy Program, Department of Medical Administration, 1 May 1977 through 30 April 1978. (Project 4181-A3 - Extension No. 2)

\$85,000.00 - National Science Foundation, Washington, D. C., Synthetic Transition Metal Homogeneous Catalysis Systems Modelled After Natural Products, Department of Chemistry, 1 July 1975 through 30 June 1978. (Project 4159-A1 - Letter dated 12 May 1977)

\$78,200.00 - National Science Foundation, Washington, D. C., Silage-Silo Interaction Using Material Characterization and Finite Element Analysis, Department of Civil Engineering, 1 February 1975 through 31 March 1979. (Project 4124-A1 - Letter dated 14 April 1977)

\$77,938.00 - National Endowment for the Humanities, Washington, D. C., Summer Institute on Interdisciplinary Studies for Secondary School Teachers of French and Spanish, Academic Faculty of Humanities Education, 1 March 1977 through 28 February 1978. (Project 4714-A1 - New)

\$77,652.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Computer Graphics Research, Division of Art, 1 June 1977 through 31 May 1978. (Project 4715-A1 - New)

\$76,026.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions, Catalysis, and Macrocyclic Complexes, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 1501-P - Extension No. 14)

\$74,859.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Continued Work in Laser Atmospheric Propagation, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4232-D1 - Modification No. P00006)

\$68,925.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Surveys of Labor Force Behavior, Academic Faculty of Labor and Human Resources. (Project 3489-A1 - Modification No. 10)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$68,223.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Design and Synthesis of Fraudulent Sugars Related to Daunomycin, Department of Chemistry, 30 June 1975 through 29 June 1978. (Project 4226-A1 - Modification No. 2)

\$68,000.00 - National Science Foundation, Washington, D. C., Synthesis and Rearrangement Reactions of Novel Alicyclic Hydrocarbons, Department of Chemistry, 1 September 1976 through 31 August 1978. (Project 4519-A1 - Letter dated 9 May 1977)

\$66,391.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology, 1 May 1977 through 30 April 1978. (Project 2797-H - Extension No. 8)

\$65,000.00 - Department of the Army, Army Mobility Equipment Research and Development Command, Fort Belvoir, Virginia, Electromagnetic Mine Detection and Identification, ElectroScience Laboratory, Department of Electrical Engineering, 5 May 1977 through 4 May 1980. (Project 4722-A1 - New)

\$58,100.00 - U. S. Energy Research and Development Administration, Argonne, Illinois, Fundamental Studies of Metal Fluorination Reactions, Department of Metallurgical Engineering, 1 May 1977 through 30 April 1978. (Project 4178-A3 - Modification No. A001)

\$54,733.00 - Department of the Army, Maryland Procurement Office, Fort George G. Meade, Maryland, Computer Program Improvement and Documentation, ElectroScience Laboratory, Department of Electrical Engineering, 3 May 1977 through 2 May 1978. (Project 4719-A1 - New)

\$52,500.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Extension and Expansion of Epitaxial Magnetic Film Evaluation Techniques, Department of Physics, 1 November 1976 through 30 September 1979. (Project 4596-A1 - Modification No. P00001)

\$52,287.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Mechanisms of Lymphoid Cell Differentiation, Department of Anatomy, 1 May 1977 through 30 April 1978. (Project 4420-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$50,535.00 - 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, 1 May 1977 through 30 April 1978. (Project 2811-H - Extension No. 8)

\$45,000.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry, 1 July 1976 through 30 June 1978. (Project 4444-A1 - Letter dated 26 April 1977)

\$39,000.00 - National Science Foundation, Washington, D. C., A Systematic Study of Pennisetum, Department of Botany, 15 April 1977 through 31 March 1979. (Project 4718-A1 - New)

\$38,455.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, College of Biological Sciences. (Project 4440-A1 - Amendment No. 2)

\$37,268.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, Department of Anthropology, 1 June 1977 through 31 May 1978. (Project 4421-A2 - Extension No. 1)

\$35,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center, 1 June 1976 through 30 June 1977. (Project 3976-T3 - Supplement No. 1)

\$34,110.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Effects of Dietary Change on Phospholipid Metabolism, Department of Physiological Chemistry, 1 May 1977 through 30 April 1978. (Project 4415-A2 - Extension No. 1)

\$32,300.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Protein Structure - Functions, Pheromones in Lower Plants, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 4721-A1 - New)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$30,962.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nonparametric Partially Sequential Procedures, Department of Statistics, 1 June 1977 through 31 May 1978. (Project 4439-A2 - Extension No. 1)

\$27,166.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station. (Project 4347-A1 - Modification No. 3)

\$25,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Computer Security Study, Department of Computer and Information Science. (Project 4115-A1 - Modification No. P00003)

\$24,000.00 - Department of the Navy, Naval Ocean Systems Center, San Diego, California, Technical and Analytical Study of NOSC Acoustic Scattering Model, Department of Electrical Engineering, 2 May 1977 through 1 May 1978. (Project 4720-A1 - New)

\$23,600.00 - National Science Foundation, Washington, D. C., Combinatorial Designs and Related Structures, Department of Mathematics, 1 July 1976 through 30 June 1979. (Project 4371-A1 - Letter dated 25 April 1977)

\$22,300.00 - National Science Foundation, Washington, D. C., A New Transfer Theorem and Its Application, Department of Mathematics, 1 July 1977 through 30 June 1979. (Project 4726-A1 - New)

\$20,894.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Color and Ocular Drug Effects, College of Pharmacy, 1 June 1977 through 31 May 1978. (Project 4189-A3 - Extension No. 2)

\$19,400.00 - National Science Foundation, Washington, D. C., Fundamental Concepts of Radiation, Radioactivity and Radiation Protection, Department of Nuclear Engineering, 15 April 1977 through 31 August 1979. (Project 4711-A1 - New)

\$17,800.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 4734-A1 - New)

\$17,700.00 - National Science Foundation, Washington, D. C., Symmetries of Finite Dimensional Normed Spaces, Department of Mathematics, 15 June 1977 through 30 June 1978. (Project 4733-A1 - New)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$16,791.00 - National Endowment for the Humanities, Washington, D. C., Survey of Research Tool Needs in German Language and Literature, Department of German, 1 March 1977 through 31 December 1977. (Project 4686-A1 - New)

\$15,000.00 - Department of the Navy, Naval Weapons Center, China Lake, California, Comparison of Simplified Ship-Sea Model Signatures with Encounter Simulation Laboratory Measurements, ElectroScience Laboratory, Department of Electrical Engineering, 19 May 1976 through 19 August 1977. (Project 4428-A1 - Modification No. P00002)

\$14,742.00 - Department of the Army, Army Aeromedical Research Laboratory, Fort Rucker, Alabama, Evaluation of Visual Performance Through Oxygen Mask, College of Optometry, 2 May 1977 through 1 May 1978. (Project 4729-A1 - New)

\$12,625.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, *In Vitro* Study of the Nature of Interaction Between Chemical and Viral Carcinogens, Department of Veterinary Pathobiology, 20 February 1974 through 19 June 1977. (Project 3885-A1 - Modification No. 7)

\$9,253.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Blacks in American Police Forces: A Historical and Comparative Study, Department of History, 18 May 1977 through 17 May 1978. (Project 4736-A1 - New)

\$8,026.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Utility of Peripheral Vision to Motor Vehicle Drivers, Department of Industrial and Systems Engineering, 23 June 1975 through 31 July 1977. (Project 4224-A1 - Modification No. 4)

\$7,900.00 - National Science Foundation, Washington, D. C., Stochastic Processes (Theory and Application), Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 4731-A1 - New)

\$7,300.00 - National Science Foundation, Washington, D. C., Asymptotic Martingales, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 4732-A1 - New)

\$5,000.00 - National Science Foundation, Washington, D. C., Determination of Revised MK Spectral Types for Stars of Types S and SC, Department of Astronomy, 1 July 1977 through 30 June 1978. (Project 4723-A1 - New)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$5,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation, and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering. (Project 3641-A1 - Modification AFOSR 73-2511E)

\$4,900.00 - National Science Foundation, Washington, D. C., Orderamarts on Banach Lattices, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 4730-A1 - New)

\$2,500.00 - U. S. Energy Research and Development Administration, Argonne, Illinois, Conference on Transport Effects in Inhomogeneous Media, Department of Physics, 1 February 1977 through 31 January 1978. (Project 4737-A1 - New)

\$1,700.00 - National Science Foundation, Washington, D. C., Dissertation Research in Systematic Biology, Department of Botany, 1 May 1977 through 31 December 1977. (Project 4725-A1 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,173,586.00**

State of Ohio Research Contracts/Grants

\$8,761.00 - Ohio Department of Health, Division of Chronic Diseases, Columbus, Ohio, Language Retraining for Aphasic Individuals, Department of Communication, 1 April 1977 through 30 September 1977. (Project 4728-A1 - New)

\$5,943.00 - The Ohio Program in the Humanities, Columbus, Ohio, Our Lives, Ourselves: Black Women in Double Jeopardy, Department of Black Studies, 20 April 1977 through 31 July 1977. (Project 4724-A1 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$14,704.00**

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

\$14,500.00 - American Otological Society, San Diego, California, Cytochemistry and Mineralization of Otosclerotic Stapes, Department of Otolaryngology, 1 July 1977 through 30 June 1978. (Project 2789-G - Extension No. 7)

\$13,450.00 - Mansfield Board of Education, Mansfield, Ohio, Educational Facility Study for Mansfield City Schools, Academic Faculty of Educational Administration, 1 May 1977 through 31 July 1977. (Project 4727-A1 - New)

July 22, 1977 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)**

\$13,176.00 - Muscular Dystrophy Association, Inc., New York, New York, Energetics of Muscular Dystrophic Chickens, Department of Physiology, 1 July 1977 through 30 June 1978. (Project 4450-A2 - Extension No. 1)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 3911-A1 - Check dated 2 May 1977)

\$3,595.00 - Schering Corporation, Kenilworth, New Jersey, A Study of the Use of Soft Lenses as a Bandage, Department of Veterinary Clinical Sciences, 1 May 1977 through 30 April 1978. (Project 4623-A1 - New)

\$3,500.00 - McDonnell-Douglas Corporation, St. Louis, Missouri, Supply Phototransparencies for MDAC-EAST to Fabricate a Resonant Metal Radome for the C-140 (Lockheed Jetstar) Aircraft, ElectroScience Laboratory, Department of Electrical Engineering, 10 February 1977 through 31 May 1977. (Project 4666-A1 - New)

\$500.00 - New Mexico State University, Las Cruces, New Mexico, Background RCS of Target Support for RATSCAT Ground Place Range, Department of Electrical Engineering, Indefinite duration beginning 30 March 1977. (Project 4698-A1 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$53,721.00**

ENGINEERING EXPERIMENT STATION

Industrial and Other Research Contracts

\$18,332.00 - Electric Power Institute, Palo Alto, California, Fuel Utilization in Residential Heating, Department of Mechanical Engineering, January 1, 1977 through June 30, 1977. (EES 460, Extension No. 4)

\$8,000.00 - Northern Telecom Canada, Limited, Montreal, Quebec, Modeling Communication Cable Flammability Tests, Department of Chemical Engineering, May 1, 1977 through December 31, 1977. (EES 556)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS \$26,332.00

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$48,440.95 from Estate of Dorothy M. Bennett, Lima, Ohio, for an endowed research fund for medical research.

\$32,982.78 from Estate of Paul M. Swingle, Coral Gables, Florida, as an unrestricted gift to the University.

\$30,000.00 from The Bremer Foundation, Youngstown, Ohio, for the College of Medicine.

\$18,147.91 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$12,000.00 from The City Loan & Savings Company, Lima, Ohio, for Friends of WOSU.

\$10,000.00 from Elano Corporation (given in the name of Ervin Nutter), Xenia, Ohio, for the Ohio Research Development Center.

\$9,350.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in medicine.

\$7,500.00 from Peat, Marwick, Mitchell & Co., New York, New York, for a new project to support auditing research for the Academic Faculty of Accounting.

\$6,469.50 from University Obstetricians & Gynecologists (given in the names of Dr. John G. Boutselis, Dr. Donald Bryan, Dr. Garth F. Essig, Dr. Moon H. Kim, Dr. Sergio Peticucci, Dr. Nicholas J. Teteris, Dr. Roberto Villalon, Dr. J. Hutchison Williams, and Dr. Frederick P. Zupan), Columbus, Ohio, for the EPR-OBS Fund.

\$6,000.00 from Roy Brenholts Fund of The Columbus Foundation, Columbus, Ohio, for arthritis research.

\$5,341.13 from The Grand Chapter of Ohio, Order of the Eastern Star, Danville, Ohio, for Dr. Minton's cancer research fund.

\$5,000.00 from Arthur R. Cline, Toledo, Ohio, for the College of Law.

\$5,000.00 from M. A. Young Foundation (given in the name of Maurice A. Young), Youngstown, Ohio, for the College of Medicine Progress Fund.

July 22, 1977 meeting, Board of Trustees

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

Establishment of Named Funds

Grace Ewing Bernatz Research Fund

The Grace Ewing Bernatz Research Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a bequest to The Ohio State University Development Fund from Grace E. Bernatz, Bachelor of Science in Home Economics, 1926, late of Pompano Beach, Florida.

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

The annual income is to be used and expended for cancer research for so long as the Dean of the College of Medicine shall deem, in his sole discretion, that such expenditure is advisable. In the event such expenditure shall ever be deemed no longer advisable, then said income shall be used in such other medical research as the Dean of the College of Medicine shall select; but, in no event, shall any part of the principal be expended for any purpose.

McGregor Fund Undergraduate Business and Accounting Scholarship

The McGregor Fund Undergraduate Business and Accounting Scholarship was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a gift 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 is to be used to provide four undergraduate performance-based scholarships--one each to Accounting, Marketing, Finance and Management Sciences--as recommended by the director of the undergraduate program and separate faculty chairmen and selected by the College Scholastic Committee. Students can be juniors or seniors whose combined leadership and scholarship merit special recognition. The residue of the annual endowment earnings is to be used at the discretion of the Dean of the College of Administrative Science to promote strong and continuing positive relations between the undergraduate students and faculty and the business community.

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 scholarship education in the College of Administrative Science.

July 22, 1977 meeting, Board of Trustees

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

Establishment of Named Funds (contd)

The Wayne E. Brown Scholarship

The Wayne E. Brown Scholarship was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Mr. and Mrs. Stephen Kellough in memory of her father, Wayne E. Brown, 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.

The annual income is to be used to provide scholarship assistance to qualified students selected by the College Scholarship Committee on the recommendation of the director of the undergraduate program in business administration or the marketing faculty to be awarded as follows:

During the first year of income, one junior will be selected for two years of assistance equal to one-half the earnings of the endowment for each of the two years. From the second year forward, one additional junior will be selected each year for scholarship assistance during each of the junior and senior years equal to the remaining one-half of the earned income in order that there would be two student recipients (one junior and one senior) of the proceeds each year after the first year. Full-time students entering the junior year with a declared major in marketing will be eligible for nomination. Selectees will be restricted to those with substantial scholastic records with the need levels compatible with the award from among those nominated or applying for competition in the judgment of the Scholarship Committee. The excess of earnings over awards the first year will be used to provide appropriate memorial certificates or plaques to all awardees as determined appropriate by the Dean of the College.

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 scholarship education in the College of Administrative Science.

The Richard H. Kellogg Honors Scholarship Fund

The Richard H. Kellogg Honors Scholarship Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the Central Ohio Breeders Association in honor of Richard H. Kellogg, B.S.Agr. '37, Columbus, Ohio. This honor is being bestowed on the occasion of Mr. Kellogg's retirement.

July 22, 1977 meeting, Board of Trustees

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

Establishment of Named Funds (contd)

The Richard H. Kellogg Honors 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 majors in the Departments of Animal Science and Dairy Science to provide one or more honors undergraduate scholarships. The selection of the recipient(s) is to be made by the Dean of the College upon the recommendation of the Agricultural Honors 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 the study of agricultural education.

The Edistina Hendrix Rutherford Scholarship Fund

The Edistina Hendrix Rutherford Scholarship Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Mr. George W. Hendrix, Bachelor of Science in Business Administration, 1929, of Columbus, Ohio, in honor of his aunt, Edistina Hendrix Rutherford, 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 students who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the 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 scholarships.

The John Paul Benua Memorial Fund

The John Paul Benua Memorial Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from George P. Benua, Westerville, Ohio, in memory of his brother, John Paul Benua.

July 22, 1977 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 Paul Benua Memorial Fund (contd)

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

The annual income is to be used to provide scholarship assistance to one or more students enrolled in the College of Agriculture. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Agriculture. First preference will be given to students having a farm background and who plan to return to farming. To be eligible to receive this award, students must show financial need and have at least a third-year class standing.

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 Agriculture 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 education.

Mervin G. Smith International Scholarship Fund in Agriculture,
Home Economics and Natural Resources

The Mervin G. Smith International Scholarship Fund in Agriculture, Home Economics and Natural Resources was established July 22, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mervin G. Smith of Columbus, Ohio.

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

The annual income is to be added to principal until the principal reaches \$10,000 at which time the annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students in the College of Agriculture and Home Economics who have demonstrated academic ability and/or need financial assistance. The selection of the recipient is to be made upon the recommendation of the administrative person directly responsible for International Affairs in the College of Agriculture, Home Economics and Natural Resources in cooperation with the Dean of the College of Agriculture and Home Economics. The donor is to be consulted about the selection during his lifetime. The scholarship will be given to students who have a special interest in International Agriculture, Home Economics or Natural Resources and preferably for helping them to study abroad.

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**Mervin G. Smith International Scholarship Fund in Agriculture,
Home Economics and Natural Resources (contd)**

At such time as the principal reaches \$150,000 or more all or part of the income will be used to create the Mervin G. Smith International Professorship-Scholarship Fund. The individual selected for the Professorship will be from within one of the disciplines in Agriculture, Home Economics or Natural Resources and will carry on education and research in the international aspects of the discipline. Appointment to the Smith Professorship will be recommended by the Dean or Director responsible for International Agriculture, Home Economics and Natural Resources to the Provost and approved by the Board of Trustees.

Should the need for these scholarships or this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative officials of the University who are then directly responsible for International Agriculture, Home Economics and Natural Resource education and research.

The Alan Clay Bondurant Memorial Fund

The Alan Clay Bondurant Memorial Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Byron L. Bondurant, B.S.Agr.E. '49, and Mrs. Bondurant, Dublin, Ohio, in memory of their infant son, Alan Clay Bondurant.

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 \$5,000. At that time, the income is to be used to support scholarships, travel or awards relating to international agricultural engineering. Selection of the recipient(s) along with the approval of the expenditures of this fund is to be made by the chairman of the Department of Agricultural Engineering upon the recommendations of the International Programs Committee and the Honors and Awards Committee of the Department of Agricultural 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 the recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural engineering education.

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July 22, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants

\$128,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Evaluation of Executive High School Internship of America, The Center for Vocational Education, May 1, 1977 through September 30, 1978. (Contract No. 400-77-0044)

\$125,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Improving State Vocational Educational Planning, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. 400-77-0056)

\$120,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Experiential Learning: Issues and Guidelines, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. 400-77-0055)

\$89,986.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Increasing Sex Fairness in Vocational Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. 400-77-0061)

\$73,619.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Planning for R & D Dissemination and Feedforward System: Research and Policy Interpretations, The Center for Vocational Education, March 1, 1977 through November 30, 1977. (Contract/Order No. 400-77-0001, Modification No. 2)

\$59,837.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Expanding Areas in Health Services Administration - Training Grant, University Hospitals - Hospital and Health Services Administration, July 1, 1977 through June 30, 1978. (Grant No. 5 D04 AH01416-03)

\$35,500.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., A Guidebook for State and Local Planning for Implementation of Vocational Education Programs for the Handicapped, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. 400-77-0060)

\$24,734.00 - Department of Health, Education, and Welfare, Office of Education, Grant & Procurement Management Division, Bureau of Occupational and Adult Education, Washington, D. C., A study to determine anticipated areas of vocational education teacher shortage for fiscal year 1978, The Center for Vocational Education, June 16, 1977 through August 31, 1977. (Contract No. 300770269)

TOTAL - FEDERAL CONTRACTS/GRANTS

\$656,676.00

July 22, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants

\$910,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Ohio Traffic Safety Education Center, The Center for Vocational Education, July 1, 1977 through September 30, 1979. (AWP-SEP No. 39-77-004)

\$391,719.13 - State of Ohio, Department of Education, Columbus, Ohio, Special Services in Vocational Education - Agricultural Education, Department of Agricultural Education, July 1, 1977 through June 30, 1978.

\$208,095.41 - State of Ohio, Department of Education, Columbus, Ohio, Special Services in Vocational Agriculture - Research, Department of Agricultural Education, July 1, 1977 through June 30, 1978.

\$206,666.30 - State of Ohio, Department of Education, Columbus, Ohio, Special Services in Vocational Education - Home Economics, School of Home Economics, July 1, 1977 through June 30, 1978.

\$100,400.00 - State of Ohio, Department of Education, Columbus, Ohio, Implementing Performance Based Teacher Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$78,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Business-Industry-Labor Inputs in Vocational Education Personnel Development, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$76,889.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving Vocational Planning and Evaluation Capability, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$72,939.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving Governance of State Vocational Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$71,700.00 - State of Ohio, Department of Education, Columbus, Ohio, Vocational Education, Personnel Development for Local Administrators, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$71,525.00 - State of Ohio, Department of Education, Columbus, Ohio, National Workshop to Improve Post-Secondary Vocational-Technical Personnel Development, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$70,437.00 - State of Ohio, Department of Education, Columbus, Ohio, Leadership Development for Inner City Vocational Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$2,258,370.84**

July 22, 1977 Meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,238,891.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 710551 - Extension No. 3)

\$357,657.00 - Department of Health, Education, and Welfare, Public Health Service, Health Services Administration, Bureau of Community Health Services, Rockville, Maryland, Nutritional Status of Functionally Retarded Children, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 4743-A1 - New)

\$234,100.00 - National Science Foundation, Washington, D. C., Comprehensive Assistance to Undergraduate Science Education Program, Department of Mathematics, 21 June 1977 through 30 June 1980. (Project 4779-A1 - New)

\$220,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunobiologic Responses of the Cat to Feline Oncornaviruses, Department of Veterinary Pathobiology, 30 June 1975 through 29 June 1978. (Project 784227 - Modification No. 3)

\$188,600.00 - National Science Foundation, Washington, D. C., Socio-Behavioral Responses to Chemical Hazards, Department of Sociology, 1 September 1977 through 31 August 1978. (Project 4766-A1 - New)

\$127,277.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, In Vitro Study of the Nature of Interaction Between Chemical and Viral Carcinogens, Department of Veterinary Pathobiology, 20 February 1974 through 19 May 1978. (Project 3885-A1 - Modification No. 8)

\$127,082.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research, College of Biological Sciences, 3 June 1977 through 14 June 1978. (Project 4440-A2 - Amendment No. 2)

\$102,614.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Ohio Quality of Work Project, Academic Faculty of Labor and Human Resources, 1 June 1977 through 31 May 1978. (Project 4363-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$101,711.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 3284-A7 - Extension No. 6)

\$100,000.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Laser Induced Response, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1977 through 30 June 1979. (Project 784786 - New)

\$100,000.00 - Department of the Army, Discrimination Directorate, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Basic Research in 3-Dimensional Imaging for Transient Radar Scattering Signatures, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1977 through 31 December 1978. (Project 4785-A1 - New)

\$100,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering. (Project 4487-A1 - Modification No. 2)

\$97,340.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School, 1 April 1977 through 31 March 1978. (Project 4748-A1 - New)

\$92,063.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Pre-College Social Development Program, Office of Minority Affairs, 1 June 1977 through 31 May 1978. (Project 3979-A4 - Extension No. 3)

\$90,444.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Family Centered Program on Intervention, 1 July 1977 through 30 June 1978. (Project 4762-A1 - New)

\$89,524.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Quantitative Assays of Monocyte-Macrophage Function, Department of Medicine, 16 June 1975 through 15 June 1978. (Project 4213-A1 - Modification No. 2)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$76,506.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Testing of Drug Delivery Systems for Use in the Treatment of Narcotic Addiction, College of Pharmacy, 28 June 1973 through 27 June 1978. (Project 3715-A1 - Modification No. 8)

\$73,407.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Control of Macrophage Function by cAMP/cGMP in Neoplasia, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4474-A2 - Extension No. 1)

\$63,864.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Allied Health Special Improvement Grants - Competency Based Education Project, School of Allied Medical Professions, 1 July 1977 through 30 June 1978. (Project 4755-A1 - New)

\$59,770.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, & Blood Institute, Bethesda, Maryland, Structure and Function of Heart Mitochondria, Department of Surgery, 1 May 1977 through 30 April 1978. (Project 4164-A3 - Extension No. 2)

\$58,980.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Methodologies for Computer Program Testing, Department of Computer and Information Science, 1 July 1977 through 30 June 1978. (Project 784741 - New)

\$57,046.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Specialization in Developmental Disabilities, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 4763-A1 - New)

\$55,664.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immune RNA: Tumor Therapy and Prophylaxis in Mice, Department of Microbiology, 1 June 1977 through 31 May 1978. (Project 4166-A3 - Extension No. 2)

\$54,968.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Cardiovascular, Renal and Respiratory Effects of High Intensity, Intermediate Duration, Low Frequency Vibration, Department of Aeronautical and Astronautical Engineering, 1 July 1977 through 30 September 1978. (Project 784771 - New)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$53,564.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Clinical Education Coordination, School of Allied Medical Professions, 1 July 1977 through 30 June 1978. (Project 4772-A1 - New)

\$53,223.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Inhibition and Isolation of Tumor Transport Systems, Department of Physiological Chemistry, 1 June 1977 through 31 May 1978. (Project 4199-A3, B3, and C3 - Extension No. 2)

\$52,000.00 - National Science Foundation, Washington, D. C., Infrared Spectroscopy for Atmospheric Chemistry, Department of Physics, 1 April 1976 through 31 May 1978. (Project 4412-A1 - Sponsor Letter dated 3 June 1977)

\$51,716.00 - Department of Agriculture, Cooperative State Research Service, Washington, D. C., Isolation and Identification of Plant Derived Substances Affecting the Feeding of Gypsy Moth Larvae, College of Pharmacy, 18 April 1977 through 17 April 1978. (Project 4742-A1 - New)

\$50,600.00 - National Science Foundation, Washington, D. C., Stabilization of an Air Jet by an Applied Electrostatic Field, Department of Mechanical Engineering, 1 June 1977 through 31 May 1979. (Project 4764-A1 - New)

\$50,568.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 2793-H - Extension No. 12)

\$50,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., A Study of Alternative Computer Architectures for System Reliability and Software Simplification, Department of Electrical Engineering, 1 August 1977 through 31 July 1978. (Project 784778 - New)

\$49,700.00 - National Science Foundation, Washington, D. C., Assessment of Biological Risk of Ultrasound, Department of Electrical Engineering, 1 June 1977 through 31 May 1978. (Project 4757-A1 - New)

\$49,700.00 - National Science Foundation, Washington, D. C., Chemical and Structural Relationships Among the Intermediate Boron Hydrides: Applications to Metal Cluster and Mixed Boron Metal Cluster Systems, Department of Chemistry, 1 September 1976 through 31 August 1978. (Project 4509-A1 - Sponsor Letter dated 6 June 1977)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Contracts/Grants (contd)

\$49,044.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Soil-Landform Interactions in Wet Arctic and Alpine Tundras Along a Regional Climatic Gradient, Institute of Polar Studies, Graduate School. (Project 4494-A1 - Letter dated 1 June 1977)

\$48,717.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 3359-A6 - Extension No. 5)

\$43,511.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on In Vivo Growth of Staphylococci, Department of Medical Microbiology, 1 June 1977 through 31 May 1978. (Project 2330-H - Extension No. 8)

\$42,800.00 - National Science Foundation, Washington, D. C., Geology and Geophysics of the Mesozoic and Cenozoic Basins of the Antarctic Peninsula and Scotia Arc Area, Antarctica, Institute of Polar Studies, Graduate School, 1 June 1977 through 31 May 1978. (Project 4744-A1 - New)

\$42,649.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, & Blood Institute, Bethesda, Maryland, Sound Transmission in Lung, Department of Veterinary Physiology and Pharmacology, 1 August 1977 through 30 June 1978. (Project 4781-A1 - New)

\$41,300.00 - National Science Foundation, Washington, D. C., Transparent Overlays of the Master List on Non-Stellar Objects for the Palomar Sky Survey Photographs, Department of Electrical Engineering, 1 June 1977 through 31 May 1978. (Project 4746-A1 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Surface Effects in Yttrium Iron Garnet Single Crystal Films, Department of Physics, 1 July 1976 through 30 June 1978. (Project 4433-A1 - Letter dated 14 June 1977)

\$35,803.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Graduate Training in Biochemical Neuro-pathology, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4760-A1 - New)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,449.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung & Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology, 1 June 1977 through 31 May 1978. (Project 4403-A2 - Extension No. 1)

\$34,097.00 - Department of Agriculture, Agricultural Research Service, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology, 16 June 1977 through 30 June 1978. (Project 4758-A1 - New)

\$31,711.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung & Blood Institute, Bethesda, Maryland, Department of Medicine, 1 June 1977 through 31 May 1978. (Project 4782-A1 - New)

\$30,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Information Processing for Target Detection and Classification, ElectroScience Laboratory, Department of Electrical Engineering. (Project 3815-A1 - Modification No. AFOSR-74-2611D)

\$26,928.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Research Study on the Efficacy of Enzyme-Free Antigens in Anti-Caries Vaccines, College of Dentistry, 1 June 1975 through 30 September 1977. (Project 4171-A1 - Modification No. 6)

\$26,247.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Mechanism of Carcinogen-Cocarcinogen Interaction, Department of Radiology, 1 June 1977 through 31 May 1978. (Project 4198-A3 - Extension No. 2)

\$25,332.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program - Dental, College of Dentistry, 1 July 1977 through 30 June 1978. (Project 4770-A1 - New)

\$24,294.00 - Department of Health, Education, and Welfare, 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, 1 June 1977 through 31 May 1978. (Project 4488-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$22,690.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung & Blood Institute, Bethesda, Maryland, FT-Infrared Spectroscopy of Heart Muscle Energetics, Department of Physiological Chemistry, 1 June 1977 through 31 May 1978. (Project 4200-A3 - Extension No. 2)

\$20,000.00 - Department of the Army, Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodial and Babesial Antigens, Department of Microbiology, 1 December 1971 through 31 December 1977. (Project 3365-A1 - Amendment P-710)

\$18,950.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Analysis of Teaching Skills, Department of Medicine, 25 June 1975 through 31 March 1978. (Project 4249-A1 - Modification No. 2)

\$17,108.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Biochemical Aspects of Host-Parasite Relationships, Department of Zoology, 1 June 1977 through 31 May 1978. (Project 4215-A3 - Extension No. 2)

\$16,000.00 - National Endowment for the Humanities, Washington, D. C., Modern Jewish History and Culture: A Summer Teacher Training Institute, Department of History, 1 April 1977 through 31 December 1977. (Project 4402-A2 - New)

\$14,992.00 - National Aeronautics and Space Administration, Wallops Flight Center, Wallops Island, Virginia, Study of GEOS-C Altimeter Data in Order to Improve Existing Gravity Models, Department of Geodetic Science, 15 April 1974 through 31 October 1977. (Project 3904-A1 - Modification No. S08)

\$13,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, The Effect of Service-Induced Surface Roughness on Turbine Blade Boundary Layers, Department of Mechanical Engineering, 16 June 1975 through 15 September 1978. (Project 4174-A1 - Modification No. P00004)

\$9,989.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Measurement of Resistive Torques in Major Human Joints, Department of Engineering Mechanics, 1 April 1976 through 30 September 1977. (Project 4394-A1 - Modification No. P00003)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,000.00 - National Science Foundation, Washington, D. C., Problems on Graph Connectivity and Traversability, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 710547 - New)

\$7,710.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprophylaxis and Immunotherapy of Lung Cancer, Department of Microbiology, 1 May 1976 through 31 March 1978. (Project 3945-A3 - Supplement No. 1)

\$7,375.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," "Formal Advertising," and "Multi-Year Procurement," Division of Continuing Education, Office of Educational Services. (Project 4378-A1 - Modification No. P00006)

\$6,687.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues, Department of Biochemistry, 1 June 1976 through 31 March 1978. (Project 1571-L - Supplement No. 1)

\$6,572.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, An Evaluation of Drug Formularies in Large Hospitals, College of Pharmacy, 1 February 1976 through 30 September 1977. (Project 4356-A1 - Supplement No. 1)

\$6,500.00 - National Science Foundation, Washington, D. C., Phonology-Free Syntax, Department of Linguistics, 1 June 1977 through 30 May 1978. (Project 4761-A1 - New)

\$6,279.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Resource Utilization for Urban Police Patrol, Academic Faculty of Management Science, 27 May 1977 through 26 May 1978. (Project 4780-A1 - New)

\$4,997.00 - Environmental Protection Agency, Cincinnati, Ohio, Design Criteria for Landfill Gas Migration Control Systems, Department of Civil Engineering, 1 June 1976 through 31 May 1978. (Project 4424-A1 - Amendment No. 2)

\$4,400.00 - National Science Foundation, Washington, D. C., Third International Ordovician System Symposium, Department of Geology and Mineralogy, 15 May 1977 through 31 October 1977. (Project 4745-A1 - New)

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$2,908.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4508-A1 - Modification No. P00004)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$5,100,618.00

State of Ohio Research Contracts/Grants

\$12,000.00 - Ohio Environmental Protection Agency, Columbus, Ohio, Data Assessment for Lower Cuyahoga River Water Quality Simulations, Department of Civil Engineering, 1 May 1977 through 31 October 1977. (Project 4749-A1 - New)

\$6,800.00 - Ohio Department of Transportation, Real Estate Administration, Columbus, Ohio, Comprehensive Educational Facility Study of the North Olmstead School District, Academic Faculty of Educational Administration, 2 June 1977 through 1 September 1977. (Project 4740-A1 - New)

\$2,982.00 - State of Ohio, Adjutant General's Department, Worthington, Ohio, A Survey-Based Exploration of the Action Implications of Motives and Beliefs of a Volunteer Military Force, Department of Psychology, 15 June 1977 through 1 December 1978. (Project 784784 - New)

\$400.00 - Ohio High School Athletic Association, The Effects of Weight Loss on Body Composition and Strength in High School Wrestlers in the Five Lightest Weight Classes, School of Health, Physical Education and Recreation, 1 June 1977 through 30 June 1978. (Project 4349-A2 - Extension No. 1)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$22,182.00

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

\$43,670.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics, 1 June 1976 through 31 May 1978. (Project 4446-A1 - Amendment No. 4)

\$27,800.00 - American Cancer Society, Inc., New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4338-A2 - Extension No. 1)

July 22, 1977 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)

\$26,000.00 - City of Columbus, Department of Finance, Columbus, Ohio, Develop and Conduct a Management Development Program to Deal with Municipal Problems in Columbus, Ohio, Division of Continuing Education, College of Administrative Science, 3 June 1977 through 31 December 1977. (Project 4739-A1 - New)

\$25,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 4472-A2 - Extension No. 1)

\$23,933.00 - Charles F. Kettering Foundation, Dayton, Ohio, To Plan YMCA/Mershon Collaboration, Mershon Center, Graduate School, 15 April 1977 through 31 December 1977. (Project 4759-A1 - New)

\$21,515.00 - Charles F. Kettering Foundation, Dayton, Ohio, To Plan Research on Structures for Citizen-Government Interaction, Mershon Center, Graduate School, 1 May 1977 through 31 December 1977. (Project 4747-A1 - New)

\$20,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination: The Effect of Age, Institute for Research in Vision, College of Biological Sciences, 1 July 1977 through 30 June 1978. (Project 4768-A1 - New)

\$15,000.00 - Paralyzed Veterans of America, Washington, D. C., Spinal Cord Energy State After Trauma, Department of Surgery, 1 July 1977 through 30 June 1978. (Project 710546 - New)

\$15,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Department of Biophysics, 1 July 1977 through 30 June 1978. (Project 4769-A1 - New)

\$12,000.00 - Philip Morris Research Center, Richmond, Virginia, Effect of Nicotine on Rage Behavior in the Cat, Department of Psychology, 1 July 1977 through 30 June 1978. (Project 4767-A1 - New)

\$10,971.00 - The Standard Oil Company, Cleveland, Ohio, Sohio Retail Outlet Managers Selection Project, Department of Psychology, 1 June 1977 through 31 August 1977. (Project 710539 - New)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Sympathetic Deafferentation and Aortic Function in Dogs, Department of Physiology, 1 July 1977 through 30 June 1978. (Project 4774-A1 - New)

July 22, 1977 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 Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Factors Determining the Efficacy of Propranolol in the Treatment of Angina Pectoris, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4775-A1 - New)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Effect of Atrial Pacing and Cardiac Drugs on Atrial Conduction in Man, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4776-A1 - New)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Catechol Levels of the Failing Myocardium before and after Dobutamine Infusion, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4777-A1 - New)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Cardiotoxic Mechanism(s) of Freon Propellants, Department of Veterinary Physiology and Pharmacology, 1 July 1977 through 30 June 1978. (Project 4783-A1 - New)

\$9,400.00 - Southeastern Center for Electrical Engineering Education, Inc., Bridgeport, New York, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics, 1 June 1977 through 31 December 1977. (Project 4787-A1 - New)

\$8,898.39 - New Mexico State University, Las Cruces, New Mexico, Background RCS of Target Support for RATSCAT Ground Plane Range, Department of Electrical Engineering, 30 March 1977 through 15 December 1977. (Project 4698-A1 - Sponsor number not assigned)

\$8,716.00 - Muscular Dystrophy Association, Inc., New York, New York, Neurophysiological Studies of Dystrophic and Normal Chick Embryo Spinal Cords, Department of Physiology, 1 July 1977 through 30 June 1978. (Project 4190-A3 - Letter dated 27 April 1977)

\$8,117.00 - Steel Founders' Society of America, Rocky River, Ohio, Evaluation of CA-6NM Relative to CA-15 and Other Materials with Known Performance in Chloride-Bearing Environments, Department of Metallurgical Engineering, 1 June 1977 through 31 May 1978. (Project 350-H - New)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Studies on the Differential Cytotoxicity of Methotrexate on Resting, Growing and Transformed Fibroblasts, Department of Biochemistry, 1 July 1977 through 30 June 1978. (Project 4773-A1 - New)

July 22, 1977 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, Tumors of the Human Nervous System in Tissue Culture, Department of Pathology, 1 July 1977 through 30 June 1978. (Project 710542 - New)

\$5,000.00 - The American University in Cairo, Egypt, New York, New York, Collaborative Research with The American University Social Science Research Center in Cairo, Egypt, Mershon Center, Graduate School, 1 June 1976 through 31 May 1978. (Project 4477-A1 - Supplement No. 1)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 3911-A1 - check dated 2 June 1977)

\$3,135.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics. (Project 4446-A1 - Amendment No. 3)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$351,155.39**

ENGINEERING EXPERIMENT STATION

State Research Contracts

\$148,733.00 - Ohio Energy and Resource Development Agency, Columbus, Ohio, Development of an Energy Allocation Model to Minimize Adverse Socio-Economic Impact During Periods of Severe Energy Shortage, Department of City and Regional Planning, June 1, 1977 through July 31, 1978. (EES 568)

\$64,350.00 - Ohio Department of Transportation, Columbus, Ohio, A Statewide Study of Subgrade Soil Support Conditions, Department of Civil Engineering, June 13, 1977 through June 12, 1978. (EES 518 - Extension No. 2)

\$52,188.00 - Ohio Department of Transportation, Columbus, Ohio, Use of Delineation Systems to Modify Driver Performance of Rural Curves, Department of Industrial and Systems Engineering, June 1, 1977 through May 31, 1979. (EES 567)

TOTAL - STATE RESEARCH CONTRACTS **\$265,271.00**

July 22, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$656,000.00 - Battelle Memorial Institute Foundation, Columbus, Ohio, for the establishment of the Battelle Scholars Program.

\$120,000.00 - Claude Worthington Benedum Foundation, Pittsburgh, Pennsylvania, for the University Activities Center Fund.

\$50,000.00 - McGregor Fund, Detroit, Michigan, for the establishment of the McGregor Fund Undergraduate Business and Accounting Scholarship.

\$32,200.31 - Systems Associates, Columbus, Ohio, for the Cardiology Support Fund.

\$23,217.36 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$21,000.00 - Wolfe Associates, Inc., Columbus, Ohio--\$15,000.00 for The Judson D. Wilson Professorship in Orthopedic Surgery and \$6,000.00 for the University Activities Center.

\$17,221.18 - American Medical Association, Chicago, Illinois, for the College of Medicine Progress Fund.

\$14,962.00 - Dr. Sidney L. Pressey, Columbus, Ohio, for the University Honors Fund.

\$13,634.80 - Delbay Pharmaceuticals, Inc., Bloomfield, New Jersey, for the Clinical Pharmacology Fund.

\$8,950.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in Medicine.

\$8,274.87 - Richard H. Keates, M.D., Inc., Columbus, Ohio, for the Eye Bank Fund.

\$8,216.59 - Frederick H. Davidorf, M.D., Inc., Columbus, Ohio--\$4,123.49 for the Ophthalmology Photography Fund, \$2,000.00 for the Ophthalmology Art Work Rotary Fund, \$1,300.72 for the Retina Research Fund and \$792.38 for the Operation Eye Research Fund.

\$7,500.00 - Ciba-Geigy Corporation, Summit, New Jersey, for the Gastroenterology Research Fund in the College of Medicine.

\$7,260.00 - The Procter & Gamble Co., Cincinnati, Ohio, for the Procter & Gamble Company Fellowship in Chemistry.

July 22, 1977 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 - Alcoa Foundation, New Kensington, Pennsylvania, for the Alcoa Foundation-Bletzacker Fund in the College of Engineering.

\$5,000.00 - Michael's Finer Meats, Columbus, Ohio, for the Student Athlete Grant-In-Aid Fund.

\$5,000.00 - Owens-Corning Fiberglas Corp., Toledo, Ohio, for the Student Athlete Grant-In-Aid Fund.

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PLANS AND SPECIFICATIONS

Resolution No. 78-8

Synopsis: Plans and specifications have been completed for the following two projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

**MERSHON AUDITORIUM, STARLING-LOVING HALL AND RESEARCH CENTER
FIRE ALARM SYSTEM IMPROVEMENTS**

Project: Installation of fire alarm systems in Mershon Auditorium, Starling-Loving Hall and the Research Center, which will expedite notification to fire departments and provide improved safety for occupants.

Funding: Budget Account 883009-000 (OSHA Improvements)

Estimated Project Cost: \$65,000.00

WENDELL D. POSTLE HALL, VENTILATION IMPROVEMENTS

Project: Conversion of ventilation system to reduce operational costs and improve environmental conditions for occupants.

Funding: Budget Account 210134-000, Contract Repair (1977-78)

Estimated Project Cost: \$50,000.00

July 22, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Dr. Sirak, 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. 78-9

Synopsis: Contracts have been awarded for four projects to the lowest and best bidder in accordance with University procedure.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are being reported as follows for each project.

MUSIC ADDITION

Description: Addition to the west side of the existing Mershon Auditorium which will house the Performance Division of the School of Music.

July 22, 1977 meeting, Board of Trustees

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

MUSIC ADDITION (contd)

General Contract

Date Received:	May 19, 1977
No. of Bids:	4
Low Bid:	\$2,224,808* **
High Bid:	\$2,586,600
Estimate of Cost:	\$1,893,266
Awarded to:	Sherman Smoot (Columbus, Ohio)

Plumbing Contract

Date Received:	May 19, 1977
No. of Bids:	7
Low Bid:	\$ 67,877
High Bid:	\$ 99,403
Estimate of Cost:	\$ 79,200
Awarded to:	R. H. Reeb Plumbing and Piping Co. (Columbus, Ohio)

*General Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within ten percent of the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

** Less negotiated deducted items from original bid of \$63,942.

July 22, 1977 meeting, Board of Trustees

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

MUSIC ADDITION (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received: May 19, 1977
No. of Bids: 8
Low Bid: \$ 451,466*
High Bid: \$ 612,400
Estimate of Cost: \$ 583,000
Awarded to: Montoney's Heating and Piping (Columbus, Ohio)

Electrical Contract

Date Received: May 19, 1977
No. of Bids: 8
Low Bid: \$ 237,469**
High Bid: \$ 345,700
Estimate of Cost: \$ 294,534
Awarded to: Royal Electric (Columbus, Ohio)

Total All Contracts: \$2,981,620

Total Contingency Allowance: \$ 21,173.92 which is 0.7 percent of the construction contracts

Total Project Cost: \$3,500,000.00

Funding: H.B. 687, Item 315-095 (Music Addition 75-77 Biennium)

* Less negotiated deducted items from original bids of \$5,134.

** Less negotiated deducted items from original bids of \$6,665.

July 22, 1977 meeting, Board of Trustees

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

ADMINISTRATION BUILDING - DERBY HALL REMODELING

Description: Administration Building--Renovate space in the basement and on the first and third floors for the Departments of Geography and Sociology to provide teaching and research laboratories with support spaces and offices.

Derby Hall--Renovate space in the basement and on the first, second and third floors to improve instructional spaces and provide offices and support spaces for the Departments of Political Science and Communication and the Disaster Research Center.

General Contract

Date Received:	May 26, 1977
No. of Bids:	7
Low Bid:	\$180,125*
High Bid:	\$227,098*
Estimate of Cost:	\$232,988*
Awarded to:	Jerry L. Mason, Inc. (Columbus, Ohio)

Plumbing Contract

Date Received:	May 26, 1977
No. of Bids:	3
Low Bid:	\$ 13,600**
High Bid:	\$ 32,675
Estimate of Cost:	\$ 11,764
Awarded to:	Montoney Heating and Piping Company (Grove City, Ohio)

*Recommended Alternates reflected in these figures.

**The Plumbing Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within ten percent of the total estimate of cost for the project and the contracts are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

July 22, 1977 meeting, Board of Trustees

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

ADMINISTRATION BUILDING - DERBY HALL REMODELING (contd)

Heating Contract

Date Received:	May 26, 1977
No. of Bids:	4
Low Bid:	\$ 69,200.00
High Bid:	\$109,650.00
Estimate of Cost:	\$109,254.00
Awarded to:	Montoney Heating and Piping Company (Grove City, Ohio)

Electrical Contract

Date Received:	May 26, 1977
No. of Bids:	2
Low Bid:	\$131,442.00*
High Bid:	\$137,004.00*
Estimate of Cost:	\$170,436.00*
Awarded to:	X-F Electrical Contractors, Inc. (Columbus, Ohio)

Total All Contracts: \$394,367.00

Total Contingency Allowance: \$ 17,888.55 which is 4½ percent of construction contracts

Total Project Cost: \$456,500.00

Funding: H.B. 687, Utilities and Renovation 75-77 Biennium - \$375,000.00 and Budget Account 801344 - \$81,500.00

*Recommended Alternates reflected in these figures.

July 22, 1977 meeting, Board of Trustees

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

HAMILTON HALL REMODELING - PHASE III

Description: Alterations to improve accommodations for the educational functions of the College of Medicine. Safety improvements to three stairwells will also be included in the scope of this project work.

General Contract

Date Received:	May 17, 1977
No. of Bids:	4
Low Bid:	\$ 86,900*
High Bid:	\$102,440*
Estimate of Cost:	\$135,000*
Awarded to:	Ed Ross Construction Company (Westerville, Ohio)

Plumbing Contract

Date Received:	June 2, 1977 - Letterhead bids**
No. of Bids:	5
Low Bid:	\$ 23,610*
High Bid:	\$ 74,200*
Estimate of Cost:	\$ 23,800*
Awarded to:	Wuellner and Theado, Inc. (Columbus, Ohio)

*Recommended Alternates reflected in these figures.

** Letterhead rebids were received by the Department of Administrative Services, Division of Public Works for the Plumbing Contract since at the original bidding only one bid was received on this contract and it was over the estimate of cost.

July 22, 1977 meeting, Board of Trustees

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

HAMILTON HALL REMODELING - PHASE III (contd)

Heating Contract

Date Received: June 3, 1977 - Letterhead bids*
No. of Bids: 3
Low Bid: \$ 53,000.00** ***
High Bid: \$ 85,553.00**
Estimate of Cost: \$ 47,850.00**
Awarded to: Limbach Company (Columbus, Ohio)

Electrical Contract

Date Received: May 17, 1977
No. of Bids: 5
Low Bid: \$ 31,913.00**
High Bid: \$ 40,880.00**
Estimate of Cost: \$ 24,650.00** ***
Awarded to: Electric Power Equipment Co. (Columbus, Ohio)

Total All Contracts: \$195,423.00

Total Contingency Allowance: \$ 16,624.08 which is 8½ percent of the construction contracts

Total Project Cost: \$239,500.00

Funding: H.B. 687, Utilities and Renovation 75-77 Biennium and Budget Account 801235, Safety Improvements

* Letterhead rebids were received by the Department of Administrative Services, Division of Public Works, for the Heating Contract, since at the original bidding only one bid was received on this contract and it was over the estimate of cost.

** Recommended Alternates reflected in these figures.

*** Heating Contract and Electrical Contract are in excess of the filed estimate of cost; however, the total price of all contracts is within ten percent of the total estimate of cost for the project and are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

July 22, 1977 meeting, Board of Trustees

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

PARKING LOT REPAIRS, WEST STADIUM

Description: Restoration of deteriorated pavement.

General Contract

Date Received:	July 5, 1977
No. of Bids:	10
Low Bid:	\$ 73,970.00
High Bid:	\$121,931.00
Estimate of Cost:	\$ 75,500.00
Awarded to:	Baker Construction Company
Total All Contracts:	\$ 73,970.00
Total Contingency Allowance:	\$ 6,500.00 which is 9 percent of construction contracts
Total Project Cost:	\$ 80,470.00
Funding:	Parking Income, Budget Account 125092

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

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REPORT - TRANSFER OF EARNED INDIRECT COSTS AND TRANSFERS TO PLANT FUNDS

Resolution No. 78-10

Synopsis: Report of Transfer of Earned Indirect Costs and Transfers to Plant Funds for 1976-1977 fiscal year in accordance with the accounting procedure of the Auditor of State.

WHEREAS earned indirect costs were transferred to Account 149999, the University Treasurer General Fund in accordance with a policy previously adopted by the Board; and

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year 1976-1977 are hereby reported, including administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts with National Science Foundation; U. S. Department of Health, Education and Welfare; other Federal Agencies; State of Ohio; and other organizations:

July 22, 1977 meeting, Board of Trustees

**REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That this report be accepted and included in the minutes of this meeting.

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

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**ACQUISITION OF BUILDING AND PROPERTY -
SOUTH CAMPUS - 185 WEST ELEVENTH AVENUE**

Resolution No. 78-11

Synopsis: Acquisition of building and property at 185 West Eleventh Avenue is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: A portion of Reserve "A" of Theodore Rhodes University Heights Addition, Parcel No. 29870, more commonly known as 185 West Eleventh Avenue, Columbus, Franklin County, Ohio; and

WHEREAS the University currently owns all properties adjacent to this parcel; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan, previously approved by the Board of Trustees of The Ohio State University; and

WHEREAS said plans call for acquisition of said property for ultimate utilization as additional parking or for parking related uses:

NOW THEREFORE

BE IT RESOLVED, That said property (including any improvements), which has a market value in excess of its mortgage be accepted as a gift to the University from The 185 West Eleventh Avenue Co., an Ohio General Partnership, by their conveyance by general Warranty Deed to the Board of Trustees of The Ohio State University, subject to a certain mortgage, then outstanding; 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, and to pay off said mortgage in the approximate amount of Forty Eight Thousand Dollars (\$48,000.00), utilizing General University Funds.

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

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July 22, 1977 meeting, Board of Trustees

TRANSFER OF EARNED INDIRECT COSTS

National Science Foundation

310171	International Studies - Cameron	\$ 989.53
310179	Education - Languis	2,416.00
310180	Education - Mayer	2,836.00
310181	Education - Higgins	3,534.81
310182	Chemistry - Secrist	835.00
Total National Science Foundation		\$ 10,611.34

U. S. Department of Health, Education and Welfare

320438	NIH	Medicine - Cerilli	\$ 4,861.55
320479	NIH	Pharmacy - LaPidus	8,885.50
320521	NIH	Medicine - Bianchine	4,626.05
320525	NIH	Psychology - Wickens	2,625.70
320537	NIH	Medicine - Balcerzak	4,901.10
320550	NIH	Entomology - Wharton	6,318.20
320551	NIH	Veterinary Medicine - Cole	5,641.61
320552	NIH	Medicine - Gruemer	2,372.90
320553	NIH	Pharmacy - Witiak	3,290.98
320554	NIH	Medicine - Ferris	5,569.23
320557	NIH	Medicine - Warren	12,778.02
320560	NIH	Medicine - Altman	5,790.42
320564	NIH	Psychology - Meyer	1,138.92
320565	NIH	Social Work - Medhurst	1,344.88
320566	NIH	Dentistry - Allison	7,102.32
320567	NIH	Medicine - Marks	973.10
320568	NIH	Medicine - Hunt	4,257.93
320569	NIH	Medicine - Mazzaferrri	4,726.46
320570	NIH	Medicine - Balcerzak	4,116.44
320571	NIH	Biological Sciences - Byers	3,314.76
320572	NIH	Medicine - Thomas	1,133.12
320573	NIH	Social Work - Medhurst	2,739.23
320574	NIH	Dentistry - Cavalaris	1,725.20
320575	NIH	Medicine - Cerilli	4,184.40
320576	NIH	Psychology - Nolan	5,024.21
320577	NIH	Medicine - Gregory	6,216.00
320578	NIH	School of Nursing - Sills	5,451.90
320579	NIH	Medicine - Balcerzak	2,082.97
320580	NIH	Medicine - Arnold	1,721.14
320582	NIH	Psychology - Wickens	702.00
320585	NIH	Psychology - Meyer	1,993.79
330057	BCHS	Nisonger Center - Gibson	36,981.44
330207	NIE	Center for Vocational Education - Taylor	634.50

July 22, 1977 meeting, Board of Trustees

TRANSFER OF EARNED INDIRECT COSTS (contd)

U. S. Department of Health, Education and Welfare (contd)

330208	NIE	Center for Vocational Education - Taylor	\$ 9,805.23
330209	NIE	Center for Vocational Education - Taylor	18,973.03
330210	NIE	Center for Vocational Education - Taylor	24,143.08
330243	NIE	Center for Vocational Education - Taylor	26,264.58
330244	PHS	Medicine - Trzebiatowski	4,805.56
330253	PHS	Preventive Medicine - Keller	13,228.90
330254	PHS	School of Allied Medical Professions	11,640.00
330255	PHS	Nisonger Center - Chase	12,617.56
330282	RSA	Communications - Irwin	2,392.96
330284	PHS	School of Nursing - Story	4,547.99
330288	PHS	School of Allied Medical Professions	3,985.06
330289	PHS	School of Allied Medical Professions	3,024.87
330291	RSA	Physical Medicine - Johnson	8,127.42
330292	ORS	Nisonger Center - Reynolds	7,903.65
330293	MCT	Nisonger Center - Leland	727.75
330295	PHS	School of Allied Medical Professions - Johnson	1,744.00
330308	RSA	College of Social Work - Medhurst	4,243.66
330309	PHS	School of Allied Medical Professions	4,384.63
330310	RSA	Communications - Irwin	2,379.00
330311	RSA	School of Allied Medical Professions - Grant	780.00
330312	RSA	School of Allied Medical Professions - Pierson	757.80
330347	NIE	Center for Vocational Education - Magisos	7,821.58
340153	OE	Center for Vocational Education - Taylor	1,619.19
340158	OE	Center for Vocational Education - Taylor	162,718.35
340173	OE	Agricultural Education - Warmbrod	35,806.41
340186	OE	Education - Stephens	29,629.63
340188	OE	Center for Vocational Education - Schroeder	316.94
340189	OE	Center for Vocational Education - Black	4,683.94
340190	OE	Center for Vocational Education - Magisos	12,143.95
340194	OE	Education - Ersing	4,745.65
340195	OE	Center for Vocational Education - Magisos	10,897.83
340198	OE	Center for Vocational Education - Reinhart	2,267.52
340199	OE	Center for Vocational Education - Starr	4,074.01
340201	OE	Nisonger Center - Cotter	2,212.14
340202	OE	Center for Vocational Education - Drier	2,579.03
340203	OE	Center for Vocational Education - Norton	3,157.28
340204	OE	Slavic Languages and Literatures - Twarog	7,481.00
340205	OE	Center for Vocational Education - Hull	3,541.68
340206	OE	Center for Vocational Education - Miguel	1,253.49
340210	OE	Mechanical Engineering - Starkey	1,850.99

Total U. S. Department of Health, Education and Welfare

\$630,503.31

July 22, 1977 meeting, Board of Trustees

TRANSFER OF EARNED INDIRECT COSTS (contd)

U. S. Government - Other

390023	NASA	Preventive Medicine - Ellingson	\$ 22,255.34
390052	AID	Administrative Science	1,491.73
390086	COMMERCE	Center for Vocational Education	10,808.29
390117	DOL	Administrative Science - Slanika	56,398.01
390130	DOJ	Center for Vocational Education	1,423.08
390134	DCPA	Continuing Education - Janz	10,503.00

Total U. S. Government - Other \$102,879.45

State of Ohio

410121	Rehabilitation Services Commission - Social Work - Medhurst	\$ 4,276.75
410138	Regents - Administrative Science - Stanley	10,263.88
410155	Health - University Hospitals - Goff	9,840.81
410157	Regents - Administrative Science - Stanley	7,516.95
410160	Economic and Community Development - Administrative Science - Stanley	128.29
410164	Education - Center for Vocational Education	8,609.09
410167	Education - Vocational-Technical Education - Miller	467.85
410168	Education - Vocational-Technical Education - Miller	3,025.53
410169	Education - Vocational-Technical Education - Miller	2,073.08
410170	Education - Vocational-Technical Education - Hindes	2,182.14
410177	Natural Resources - Administrative Science - Stanley	1,426.06
410179	Mental Health - Law	3,938.33
410181	Education - Mershon Center	2,440.16
410183	Education - Special Services - Quaranta	3,568.52
410189	Mental Health - Nisonger Center	3,974.15
410190	Mental Health - Nisonger Center	1,548.23
410206	Education - Vocational-Technical Education - Miller	1,511.05
410207	Education - Vocational-Technical Education - Miller	2,359.61
410208	Education - Vocational-Technical Education - Miller	563.01
410209	Education - Vocational-Technical Education - Miller	734.21
410210	Education - Vocational-Technical Education - Miller	1,003.30
410211	Education - Vocational-Technical Education - Miller	183.34
410212	Education - Vocational-Technical Education - Miller	57.48
410213	Education - Vocational-Technical Education - Miller	1,887.83
410214	Education - Vocational-Technical Education - Miller	586.98
410216	Education - Special Services - Quaranta	640.00
410231	Developmental Disabilities - Nisonger Center	3,000.00
410232	Developmental Disabilities - Law - Kindred	2,248.56

Total State of Ohio \$ 80,055.19

July 22, 1977 meeting, Board of Trustees

TRANSFER OF EARNED INDIRECT COSTS (contd)

Miscellaneous

151100	Center for Vocational Education - Operations	\$ 2,169.92
151105	Center for Vocational Education - Educational Materials	619.83
151112	Center for Vocational Education - Management	50,889.94
151125	Center for Vocational Education - Support Services	20,003.43
152400	College of Education - Research and Services	3,701.00
531171	New Careers Program - Social Work	20,949.76
531185	New Careers Program - Administrative Science	2,724.85
531224	New Careers Program - Social Work	2,845.00
531232	CMACAO - Mathematics - Ross	1,522.26
531248	New Careers Program - Administrative Science	6,920.81
531265	Leukemia Society - Medicine - Murphy	2,480.00
531271	Franklin County - Nisonger Center	6,031.00
531272	Franklin County - Nisonger Center	1,211.00
531275	Franklin County - Nisonger Center	987.64
531293	MRC - Nisonger Center	1,922.05
531296	Holland College - Center for Vocational Education	143.52
531304	Temple University - Center for Vocational Education	600.86
531305	Ferris State University - Center for Vocational Education	226.29
531307	Sloan Foundation - Mathematics - Wilson	1,253.50
531310	New Careers Program - Education	2,990.00
531322	State of Wisconsin - Center for Vocational Education	204.07
531324	MUCIA - International Programs in Agriculture	16,615.73
531327	MUCIA - International Programs in Agriculture	222.35
531329	MUCIA - International Programs in Agriculture	1,677.42
531350	MUCIA - International Programs in Agriculture	746.46
531357	MUCIA - International Programs in Agriculture	465.00
531360	Columbus Foundation - Nisonger Center	231.00
531365	MUCIA - International Programs in Agriculture	1,325.54
531378	A. C. E. - Budget and Resources Planning -Baughman	2,065.92
602968	College of Education - Conferences	1,500.00
Total Miscellaneous		\$155,246.15
Grand Total		\$979,295.44

July 22, 1977 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1976-77

Account Description	B/A	Transferred from B/A	Amount
Lima Parking Improvement	801242	921353	\$ 16,000.00
Telecommunications Equipment	801254	149992	93,007.00
Land Purchases	801262	149997	78,000.00
Printing Facilities Air Conditioning	801264	911683	(8,966.48)
Newark Parking Lot Expansion	801285	921356	24,980.00
Goss Laboratory Cancer Facility	801293	159400	1,000.00
		531041	19,000.00
University Activities Center	801295	999000	733,000.00
Jackson County Area Extension Center	801305	957041	(1,330.15)
Hamilton Hall Electric Service	801314	149999	(985.75)
French Field House Addition	801318	999000	204,700.00
Hospital Modernization	801321	960200	30,000.00
Ohio Union - 4th Floor Air Condition- ing	801324	149999	(3,490.00)
Biggs Athletic Training Facility - Weight Lifting Room	801326	999000	79,000.00
Means Hall Remodeling	801327	960200	95,000.00
Platform Tennis Courts	801329	149997	58,000.00
Biggs Athletic Training Facility - Parking Lot	801330	126070	6,700.00
		921300	11,700.00
		999000	11,700.00
Founders Hall Remodeling	801331	149989	66,825.00
Administration Building Remodeling	Various	149997	180,976.00
Laundry Boiler	801338	149995	60,600.00
Lima Campus Remodeling	801339	149939	10,420.85
Fuel Oil Conversion - Kenny Road	801340	149995	62,706.00
Garage (Old Vet Clinic) Remodeling	801341	149995	97,653.00
Page and Hagerty Hall Remodeling	801343	130700	15,000.00
		131000	11,500.00
		152130	5,000.00
		268458	2,500.00
		601680	40,020.00
Various Parking Lots - Resurfacing	801345	921300	260,100.00
Conversion to Alternate Fuel	801346	149999	306,800.00
University Hospital Capital Reserve	809998	960200	(26,500.00)
Total			\$2,540,615.47

July 22, 1977 meeting, Board of Trustees

**PURCHASE OF BUILDING AND PROPERTY - SOUTH CAMPUS
1615-1617 HUNTER AVENUE**

Resolution No. 78-12

Synopsis: Purchase of Building and Property at 1615-1617 Hunter Avenue is proposed.

WHEREAS the University has been provided an opportunity to purchase the following property: South 47 feet of Lot 1, John A. Evans College View Addition, Parcel Number 22827, more commonly known as 1615-1617 Hunter Avenue, Columbus, Franklin County, Ohio; and

WHEREAS the University currently owns all but one adjacent property to said parcel; and

WHEREAS University properties in this vicinity are currently utilized for recreation areas and as parking facilities; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan previously approved by the Board of Trustees of The Ohio State University; and

WHEREAS said plans call for acquisition of said property for ultimate utilization as additional parking, or for parking related uses:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase said property in the name of the Board of Trustees of The Ohio State University from Carl A. Detamore, owner, for the sum of Nineteen Thousand Dollars (\$19,000.00), to be paid from General University Funds.

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

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LEASE AGREEMENT

Resolution No. 78-13

Synopsis: Authorization to negotiate lease agreement between the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center for an additional 2.44 acres, more or less, located in Wooster Township, Wayne County, Ohio, for operation of the Agricultural Technical Institute.

July 22, 1977 meeting, Board of Trustees

LEASE AGREEMENT (contd)

WHEREAS Section 903.011, Ohio Revised Code, provides that the Board of Trustees of The Ohio State University may enter into a lease with the Board of Control of the Ohio Agricultural Research and Development Center authorizing said Board of Trustees of The Ohio State University the use of lands for the operation of the Agricultural Technical Institute and related facilities; and

WHEREAS the Center has custody and control of certain lands owned by the State of Ohio and located in Wooster Township, Wayne County, Ohio; and

WHEREAS it is the desire of the parties hereto that the University have the use of these lands for the operation of the Agricultural Technical Institute and related facilities; and

WHEREAS the parties propose utilization of the land in accordance with the provisions of Section 903.011, Ohio Revised Code:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to act on behalf of the University to enter into a lease agreement between the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center to provide for the lease of 2.44 acres, more or less, for the operation of the Agricultural Technical Institute and related facilities located in Wooster Township, Wayne County, Ohio.

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

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LEASE AGREEMENT - 930 KINNEAR ROAD, WARNER CABLE CORPORATION

Resolution No. 78-14

Synopsis: Request for authorization to enter into an agreement for a lease with Warner Cable Corporation at 930 Kinnear Road.

WHEREAS the University has received requests from Warner Cable Corporation, a Delaware Corporation, to lease 31,860 square feet of office and warehouse space located at Building No. 1 and 4,800 square feet of office and storage space located at Building No. 3, 930 Kinnear Road, for original terms of five years with two options to renew for five years each and the right of first refusal to purchase said property; and

WHEREAS it has been recommended by the appropriate University agencies that said property be utilized as requested.

NOW THEREFORE

July 22, 1977 meeting, Board of Trustees

LEASE

This lease, made this day of by and between the Board of Control of the Ohio Agricultural Research and Development Center, as the Grantor (hereinafter referred to as "The Center"), and the Board of Trustees of The Ohio State University, as the Grantee (hereinafter referred to as "The University"), pursuant to the provisions of Section 903.011, Ohio Revised Code.

WITNESSETH:

WHEREAS, the Center has custody and control of certain lands owned by the State of Ohio and located in Wooster Township, Wayne County, Ohio; and,

WHEREAS, it is the desire of the parties hereto that the University have the use of these lands for the operation of an agricultural technical institute and related facilities; and

WHEREAS, the parties propose utilization of the land in accordance with the provisions of Section 903.011, Ohio Revised Code.

NOW, THEREFORE, in consideration of the benefits to accrue to the University and to the Center, and to the State of Ohio, and pursuant to the authority vested in it pursuant to Section 903.011, Ohio Revised Code, the Center hereby lets, leases, grants and delivers over to the University the use of the land described as follows:

Situated in the Township of Wooster, County of Wayne, State of Ohio, and being known as part of the southeast Quarter of Section 15, T-15, R-13, and more fully described as follows:

Commencing at the stone marking the center of Section 15;
thence south 00⁰-00' west along the quarter section line 337.23 feet to an iron pin;
thence south 89⁰-22'-27" east along the grantee's present north line as leased in April 1971 887.81 feet to an iron pin, the PLACE OF BEGINNING of the tract herein described;
thence continuing south 89⁰-22'-27" east 438.38 feet to an iron pin;
thence north 7⁰-37'-27" west 135.70 feet to an iron pin;
thence north 42⁰-34'-27" west 119.45 feet to an iron pin;
thence north 82⁰-29'-27" west 351.52 feet to an iron pin;
thence south 1⁰-57'-27" east 263.75 feet to the PLACE OF BEGINNING and containing 2.270 acres, more or less and subject to all legal highways.

(1) It is understood between the parties that such land shall be used in accordance with the provisions of Section 903.011, Ohio Revised Code.

(2) The term of this lease will be perpetual, or until such time as the General Assembly of the State of Ohio shall, by appropriate action, cause the effort undertaken by the University hereunder to be terminated.

July 22, 1977 meeting, Board of Trustees

LEASE (contd)

(3) Upon termination of this lease, the interest herein conveyed shall be disposed of pursuant to law then in effect.

IN WITNESS WHEREOF, the parties have executed this lease agreement on the day and year first above written.

Witnesses: Board of Control of the Ohio Agricultural Research and Development Center

By Grantor

Witnesses: Board of Trustees of The Ohio State University

By Grantee

STATE OF OHIO)
) ss:
FRANKLIN COUNTY)

BE IT REMEMBERED, that on this day of , before me, the subscriber a Notary Public in and for said County, personally came the above-named Board of Control of the Ohio Agricultural Research and Development Center, by its , the Grantor in the foregoing Lease, and acknowledged the signing of the same to be the voluntary act and deed of the said Board, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

STATE OF OHIO)
) ss:
FRANKLIN COUNTY)

BE IT REMEMBERED, that on this day of , before me, the subscriber, a Notary Public in and for said County, personally came the above-named Board of Trustees of The Ohio State University, by its , the Grantee in the foregoing Lease, and acknowledged the signing of the same to be the voluntary act and deed of the said Board of Trustees, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

July 22, 1977 meeting, Board of Trustees

LEASE AGREEMENT - 930 KINNEAR ROAD, WARNER CABLE CORPORATION (contd)

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate said transactions and enter into the necessary lease agreements on behalf of the Board of Trustees.

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

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REPORT - TITLE IX

Resolution No. 78-15

President Enarson called on Dr. Armitage to introduce the presentation on Women's Intercollegiate Athletics.

Dr. Armitage in his introductory remarks pointed out that the control of intercollegiate athletics at The Ohio State University is vested in the Athletic Council under the rules of the Big Ten. Under Rule 29.2711 of *Rules of the University Faculty* membership on this body and procedures to be followed are set forth.

Athletic Director Hindman then introduced Phyllis Bailey, Associate Director of Athletics, who has been delegated the responsibility for the women's athletic programs including compliance with all Federal regulations.

Miss Bailey indicated two guiding principles in conducting this program--what was right for The Ohio State University and a comprehensive program with quality and equal opportunity. She reviewed the progress in the development of the women's programs. Presently men's and women's programs are quite comparable, including:

- Same philosophy regarding participation in National or post-season competition.
- Same philosophy regarding promotion and publicity and by the same Department personnel.
- Similar awards program.
- Comparable game uniforms.
- Comparable coaching aids.
- Same philosophy regarding travel and meal allowances.
- Same philosophy regarding availability of academic tutoring.
- Same loan of books program.
- Same employment basis for coaches.
- Comparable locker, practice and competition facilities.
- Same training and medical coverage.
- Same treatment provisions - sports medicine clinic.
- Same program for covering medical expenses of athletic injury.
- Same policy regarding admissions, housing, eligibility, and athletic grants.
- Same governing structure or policy-making body (Athletic Council).
- Similar varsity associations with the same benefits.
- Same philosophy regarding budgeting - based upon reasonableness of needs and schedule of each sport team.

July 22, 1977 meeting, Board of Trustees

REPORT - TITLE IX (contd)

Mr. Charles Batey, Director of Affirmative Action, then spoke. Mr. Batey is responsible for administering the Title IX program at Ohio State. He indicated that Title IX of the Education Amendments of 1972, Higher Education Act, is the first comprehensive Federal legislation prohibiting sex discrimination in the offering of educational programs and activities by recipients of Federal financial assistance. The educational programs and activities are those relative to the admission and treatment of students.

The law states

No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.

Mr. Batey pointed out that there is an OSU Title IX Advisory Coordinating Committee made up of members representing a cross-section of the University community. The Office of Affirmative Action, in response to the rules/regulations of Title IX, did administer a comprehensive University-wide self-study relative to the status of compliance with Title IX. Several program areas were covered: admissions and recruitment, educational programs and activities, assistance for foreign study wards, housing, comparable facilities, access to course offerings, counseling and the use of appraisal and counseling materials, single sex student organizations, financial assistance, employment assistance to students, health and insurance benefits and services, athletics and marital or parental status.

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**STATEMENT BY THE CHAIRMAN OF THE FISCAL AFFAIRS COMMITTEE
RELATING TO THE UNIVERSITY ENDOWMENT**

Resolution No. 78-16

Mr. Devenow read the following statement:

At the May meeting of the Fiscal Affairs Committee, representatives of two student organizations raised questions concerning the practices of some of the corporations in which the University's Endowment Funds were invested. We welcome such questions and the opportunity to meet directly with people who wish to express their views. The issue raised on our investment policies, however, is a very difficult one.

The University's Endowment, it needs to be noted at the outset, is comprised of the gifts and bequests of thousands of alumni and friends who have provided such funds to improve the University and the support of its students. This Fund - which presently is valued at nearly \$60 million - is invested in well over one hundred separate business and governmental entities. This past year these investments yielded an income of \$3,290,400, of which virtually all has been designated by the donors. Nearly fifty per cent went to student aid and the rest in support of endowed chairs, professorships, the Mershon Center, and other programs.

July 22, 1977 meeting, Board of Trustees

**STATEMENT BY THE CHAIRMAN OF THE FISCAL AFFAIRS COMMITTEE
RELATING TO THE UNIVERSITY ENDOWMENT (contd)**

Mr. Devenow's statement (contd)

Under state law (Ohio Revised Code Section 3345.16) the Trustees of this University are explicitly charged with the responsibility of the management of this Fund. And this is a responsibility which we take very seriously, both as to the donor as well as to the many students and faculty who directly benefit from this Fund. In today's economic climate the fulfillment of this responsibility is a particularly challenging one.

The Board is now being requested to use as a prime investment criterion a corporation's business practice policies, specifically, its international and domestic trade arrangements and fairness of the policies in each foreign nation in which it does business. Questions relating to policies concerning the environment, energy or any number of other current social issues could be raised. After long study and thorough review of this question, we must conclude that the University cannot possibly identify all such factors for each of the companies in which we might invest, nor do we feel qualified to make a moral judgment as to the appropriateness of each such factor. In short, we see no simplified solution to the issue.

Today's major American corporations, with rare exception, maintain multi-national interests. Those that do not have direct foreign interests of necessity deal indirectly with such markets. Thus a comprehensive review of such corporations' policies in many cases will not serve the desired purpose. Further, investments in banks, insurance companies, and other similar organizations, which in turn have positions in a number of other corporations, would also be precluded from our holdings on a similar basis. Even investments in our own Federal Government could be challenged because of its support of nations perceived by some to be corrupt or inhumane. Once having politicized our investments, there would probably be few, if any investments which would pass the test of all interest groups.

While as Trustees we share many of the concerns which the students expressed about the present policies of the South African Government, we believe that the only effective current solution to this problem lies in action by our Federal Government either through the State Department or the U. S. Congress, or both.

We are all dedicated to the concept that the higher educational institutions have a commitment to our society to help solve its vexing problems - of which this is certainly one. Accordingly, we invite the initiatives of the University's faculty and students to develop effective forums in which this issue may be candidly and fully discussed and approaches developed to assist in its resolution. Meanwhile, insuring the continuity of financial resources to the students and faculty of this University from this Fund requires maintaining our current investment policy. To do otherwise would not be keeping faith with the donors or the beneficiaries or the fiduciary responsibilities of the Board of Trustees.

July 22, 1977 meeting, Board of Trustees

**STATEMENT BY THE CHAIRMAN OF THE FISCAL AFFAIRS COMMITTEE
RELATING TO THE UNIVERSITY ENDOWMENT (contd)**

Mr. Devenow's statement (contd)

We do invite continued interest by students and the faculty both as individuals and groups in our investment holdings, and specifically, on various international and social issues which are submitted to us as stockholders for a vote. In this way it may be possible for us to help effect constructive change in various corporate policies on such issues.

Mr. Smith then made the following statement:

Mr. Chairman, I disagree with this statement on several points. I disagree right away in the first paragraph where it says that we welcome such questions. I personally don't welcome such questions. They're uncomfortable questions. I remember, I think it was in 1970, there was a play at this University, *The Night Thoreau Spent in Jail*. They attempted to put it on several times but riots kept interrupting and eventually after three or four attempts, I finally did see the play. I remember one scene in particular. Henry Thoreau had been thrown into jail because we--at the Federal level--had been on one of our excursions into Mexico, grabbing territory. Thoreau had refused to pay his taxes and he was in jail because of it. Walter Emerson came down to the jail and was outside on the street speaking through the window--he said, 'Henry, what are you doing in jail?' Henry's answer was, 'Mr. Emerson, what are you doing out there?' And to me that's one of those questions. It's one I prefer ducking but it was asked, and our answer here, somewhere between pages one and four, is 'No, we as a University really cannot do this.' My answer would be 'Yes, we can.' I think we can make a symbolic gesture that expresses what we feel about the government of South Africa. I think we can make a divesture at a time when the investment decision would be prudent and stay within the rule of law.

Another part of the statement on page four says that the faculty and the student body ought to develop an effective forum. I think we ought to do, as a Board of Trustees, what has been done at other universities. We ought to develop an effective forum. We ought to develop a procedure by which these types of problems, and there will be problems like this in the future, can be brought to this Board after they've been reviewed by a committee composed of students, faculty and alumni. After that type of review and discussion on pertinent points then this Board can look at the matter. And I think that the statement we make in the last paragraph where we say that we will look at social issues that are submitted to us, that is, we will look at them from the point of view of voting our proxy, emphasizes a need for such a forum where these types of issues can be discussed. For these reasons I cannot agree with this statement and will vote against it.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the Board of Trustees by voice vote adopted the position set forth in the foregoing statement with eight affirmative votes and one negative vote cast by Mr. Smith.

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July 22, 1977 meeting, Board of Trustees

REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 78-17

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. Devenow, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-18

RESOLVED, That the report on the University's Investment Portfolio dated July 20, 1977, 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 - PERSONNEL COMMITTEE

Resolution No. 78-19

WHEREAS the Personnel Committee of this Board has met and reviewed the stewardship of this University's President, Harold L. Enarson, and based upon this review the Committee recommended for approval the following resolution:

RESOLVED, That Harold L. Enarson's contract be renewed as President of the University through August 31, 1978, at his present salary.

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

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July 22, 1977 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 9, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward O. Moulton
Secretary

John L. Gushman
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 9, 1977

The Board of Trustees met at its regular monthly meeting on Friday, September 9, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

September 9, 1977 meeting, Board of Trustees

Mr. Gushman, Chairman, made the following statement concerning the Committee appointments for the 1977-78 academic year.

At our May meeting I indicated that I would have some recommendations for changes in the Committee structure for the Board of Trustees for this coming year. After reevaluating the existing structure it seemed highly desirable to attempt to improve the communication between the Board and our students. I have recently appointed a Student Services Committee in an attempt to give students a direct 'pipeline' to the Board. Jim Hilliker, the most recent graduate of the University, has agreed to serve as Chairman of this Committee. Patricia James will be Vice Chairman and John Jacob will be the third Committee member. Any student or group who feels the need to communicate with the Trustees rather than having to go through our existing formalities, will find the Committee available to meet or talk with them. The sole function of the Committee is to improve communication and relations between students and the Board. The Board wants to know more about student concerns and problems and we want the students to understand our problems as Trustees. I am adding John Havens to the OARDC Agenda Review Committee; otherwise, the Committees will continue for the rest of the academic year both in membership and scope on the basis I outlined at our June meeting.

COMMITTEE APPOINTMENTS 1977-78

Educational Affairs Committee

Howard D. Sirak, Chairman
Patricia D. James, Vice Chairman
Warren J Smith

John D. Jacob
John L. Gushman, Ex Officio

Fiscal Affair Committee

Chester Devenow, Chairman
Donald J. Hilliker, Vice Chairman
M. Merle Harrod

John F. Havens
John L. Gushman, Ex Officio

Student Services Committee

Donald J. Hilliker, Chairman
Patricia D. James, Vice Chairman

John D. Jacob
John L. Gushman, Ex Officio

Personnel Committee

John L. Gushman, Chairman
M. Merle Harrod

Howard D. Sirak

OARDC Agenda Review Committee

John L. Gushman, Chairman
John M. Stackhouse, Vice Chairman

John F. Havens
Warren J Smith

September 9, 1977 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1977-78 (contd)

Development Fund Board

Donald J. Hilliker (one year)
John F. Havens (two years)

Inter-University Council

Donald J. Hilliker

Research Foundation Board

John D. Jacob (April, 1980)

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RESOLUTIONS IN MEMORIAM

Resolution No. 78-20

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

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. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Wesley S. Green

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 31, 1977, of Wesley S. Green, County Extension Agent Emeritus.

Mr. Green was born September 1, 1899, in Doland, South Dakota. He graduated from high school in 1918. He received his bachelor of science degree in agricultural engineering in 1927 from The Ohio State University with some credit from the University of California. Mr. Green was employed as a surveyor and engaged in farming during and following his college education. In 1934 he joined the faculty of The Ohio State University as a County Agricultural Agent serving in Vinton County. He also served in Meigs County prior to accepting a temporary assignment with the United States Treasury Department from 1942 to 1944 as Deputy Administrator of Ohio War Finance for the bond selling program to reach Ohio farm people. He returned to employment with The Ohio State University in late 1944 and served in temporary positions in Guernsey, Noble and Lawrence Counties prior to January 1, 1947, when he was named County Agricultural Agent in Morgan County, a position which he held until his retirement on February 28, 1963.

Throughout his career he was a dedicated and highly respected agricultural educator and leader. He was well known and respected by his peers on the Extension faculty throughout the state. His quiet but effective leadership and outstanding contributions to the agricultural industry, particularly in southeastern Ohio, will long be remembered.

September 9, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wesley S. Green (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Green 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. Green as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

D. C. Kiplinger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 11, 1977, of D. C. Kiplinger, Professor Emeritus of the Department of Horticulture. Professor Kiplinger retired on May 31, 1977, following nearly forty years of distinguished service to the University.

Professor Kiplinger received his B.Sc. degree from Iowa State University in 1937 and his M.Sc. and Ph.D. degrees from The Ohio State University in 1938 and 1952 respectively. He wrote several bulletins for the Ohio Agricultural Research and Development Center and published hundreds of articles concerning florist crop production. He is the co-author of *Commercial Flower Forcing*, the most widely used college text and guide to commercial producers.

In recognition of his many achievements Dr. Kiplinger was inducted into the Floriculture Hall of Fame in 1973; in addition Kip was awarded the Society of American Florists' Foundation for Floriculture Education and Research Award. Recently he was honored with the Henry E. Heiner Award from Roses Incorporated for contributions in research and education relating to greenhouse rose production. The American Society for Horticultural Science honored him with the L. M. Ware Distinguished Teaching Award for his dynamic teaching ability and his interest in and encouragement of his students.

Beginning in 1952, Professor Kiplinger was named to the position of Secretary-Treasurer of the Ohio Florists' Association. His leadership has increased the membership to nearly three thousand throughout the United States and in several other countries. In addition he served as the editor of the Ohio Florists' Association Bulletin. Kip also coordinated what has become the largest and best short course for retailers, wholesalers, and growers - the Ohio Florists' Short Course - which is held annually in Columbus, Ohio.

Through his inspiring teaching and his concern for people, Kip gained the respect of his students and floral crop producers throughout the nation. Through his guidance and his many contributions to floral crop production technology, Kip's influence will have a lasting impact for generations to come.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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September 9, 1977 meeting, Board of Trustees

FACULTY PROFESSIONAL LEAVE PROGRAM

Resolution No. 78-21

Synopsis: Faculty Professional Leave Program is proposed.

WHEREAS The Ohio State University recognizes the importance of continued professional development for its faculty; and

WHEREAS opportunities available include professional leaves which are granted to encourage increased scholarly competence approved by the Board of Trustees for the mutual benefit of the individual and the University; and

WHEREAS the following four criteria have been established to carry out this program:

1. Eligibility: Under this program and in accordance with Section 3345.28 O.R.C. any "full-time faculty member" with at least seven "academic years of teaching service" at The Ohio State University may be granted professional leave for a period not to exceed one academic year. For the purposes of this program "full-time faculty member" shall mean any regular faculty member on at least 50 percent appointment, and "academic year of teaching service" shall mean any academic year in which the full-time faculty member, while in such status, whether on nine months or eleven months appointments, had significant responsibilities to an instructional unit or units of the University. Regular faculty titles comprise Professor, Associate Professor, Assistant Professor and Instructor.
2. Procedure: Faculty members making written requests for leave should include a detailed description of the proposed work and the applicant's qualifications for the task. Requests for leave should be submitted to the department chairperson for department and college peer review. This review will be based upon formal criteria and procedures established by each college. Requests recommended by the college should then be forwarded by the Dean of the College to the Provost. Requests recommended by the Provost then go to the President. Requests approved by the President will be submitted by him for Board of Trustees approval. It is the responsibility of the department and college to insure that adequate funds are available for the leave, and that teaching and other obligations of the absent faculty member can be met satisfactorily.
3. Conditions:
 - a) Faculty professional leaves may be taken for one full term of appointment, or for a shorter period, and may, if continuous, bridge terms of appointment.
 - b) A full-time faculty member becomes eligible for a second professional leave after completion of seven academic years of service following the end of the first professional leave.
 - c) A professional leave may not be a terminal leave. In accepting such leave, faculty members shall recognize their responsibilities to return to the University for at least one year thereafter.

FACULTY PROFESSIONAL LEAVE PROGRAM (contd)

- d) Professional leaves of one quarter at full salary may be taken; however, longer leaves are to be encouraged. Other professional leave options for nine month appointment faculty may consist of two quarters each at three-fourths salary or three quarters each at two-thirds salary. Other leave options for eleven month appointment faculty may consist of two quarters each at three-fourths salary, three quarters each at two-thirds salary, or four quarters each at two-thirds salary.
- e) While on leave faculty members are free to accept grants for research or study to augment the leave stipend to the approximate level of their full-time salary, provided that the activity for which compensation is received is supportive of the purposes of the faculty professional leave. If unusual travel or living expenses will be involved requiring supplementation, a request for exception with full justification should accompany the application.
- f) Faculty members whose benefits, e.g., retirement and insurance coverage, would otherwise be reduced because of salary reductions during professional leaves will be granted the option of purchasing credit to permit continuing benefits at the normal level.
- g) Each recipient shall, within two months after returning from professional leave, submit to the President, Dean, and Department Chairperson a statement summarizing work completed while on leave.

4. Phasing: Since the University has not had a professional leave program, it will not be possible to consider leave requests from all full-time faculty members who are currently eligible. Phasing-in procedures for the first three years of the program will be developed by individual colleges in consultation with instructional units:

NOW THEREFORE

BE IT RESOLVED, That the Faculty Professional Leave Program as outlined above be adopted.

President Enarson made the following comments:

I'd like, if I may, to highlight a bit of history before I ask the Provost to speak to this very important matter. You will recall that earlier I reported that major universities throughout the nation have for many years had sabbaticals, or as they are more commonly called now, professional leave policies. The State of Ohio stood almost alone in the nation in not permitting professional leaves. The state universities were successful in the session of the Ohio General Assembly in persuading the Legislative leadership and the Legislature that such a program was in the best interests of the universities. It offers an opportunity for 'retreading,' it offers encouragement not only to people who join our faculty, but also to those who are on our faculty. I should add that such a policy becomes even more valuable in times such as we face now when the percentage of tenured persons rises, when the

September 9, 1977 meeting, Board of Trustees

FACULTY PROFESSIONAL LEAVE PROGRAM (contd)

President Enarson's comments (contd):

opportunities for mobility decrease, and when the obligations for professional development increase. If I may, I'd like to ask Dr. Kuhn to speak to the substance of the program--which, incidentally, we did cover in some detail this morning, Mr. Chairman, in the Educational Affairs Committee, but not all of you have heard this.

Dr. Kuhn responded:

Mr. President, members of the Board, we discussed with the Educational Affairs Committee this morning--and at the July board meeting--the proposal before you which was developed last year by the Faculty Compensation and Benefits Committee, a group of elected faculty member of the University Senate. They did exhaustive studies, looking at institutions comparable to us--the Big 10, the Big 8, indeed that league of universities with whom we are pleased to compare ourselves, the top 20-25 comprehensive research institutions in the country. The proposal which they have brought forward is a fairly standard one. It requires that people who are applying for professional leave have a proposal which is rigorously reviewed by peers, in the manner of tenure and promotion. Inasmuch as there are wide differences among the kinds of research that go on in our seventeen colleges, we thought it best that each of the colleges develop a procedure whereby such proposals would be reviewed and recommended to the Provost, who would then recommend to the President, for his approval, such professional leaves. As the President has indicated, this is a matter which is important to research faculty. I want to stress that such professional leave is not for merely having endured here; it is not a benefit; it is something that faculty have earned. The President and I want to give assurance--as indeed will the deans of the colleges--that a professional leave program ought to be for the benefit of the individual faculty member and of the University. We intend to see that it is precisely that.

Mr. Gushman:

I think the Committee met this morning. Mrs. James, are you prepared to report for the Committee.

Mrs. James:

Yes, there's not much more I can add to that except to say that we concur with Dr. Enarson and Dr. Kuhn and that we feel that it is indeed important for our faculty to have some program of professional development and we do recommend passage of this resolution, and I so move.

Mr. Harrod:

You say any full-time faculty member. That covers a lot of people.

September 9, 1977 meeting, Board of Trustees

FACULTY PROFESSIONAL LEAVE PROGRAM (contd)

Dr. Kuhn:

No. I omitted to mention Mr. Harrod that those faculty eligible must have served seven years, full-time, in the University--in effect that must be a tenured person. Since our tenure ratio is about 65 percent in the University, we are talking about two-thirds of the faculty.

Mr. Gushman:

That is still a lot of people that are eligible. How many people, can you give us an estimate how many might take advantage of the leaves.

Dr. Kuhn:

We think about one to one and a half percent of the eligible people.

President Enarson:

Mere eligibility won't enable you to recruit the added dollars for your family that enables you to take it.

Dr. Kuhn:

And there are clearly the people who will look twice at taking off a full year at a reduced salary if they don't have some kind of compensation from outside the University. So appearances can be deceiving relative to how attractive a professional leave would be. That is my point.

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

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PERSONNEL ACTIONS

Resolution No. 78-22

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirements, Resignations, Appointments, Leaves of Absence Without Salary, and Emeritus Titles, are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the July 22, 1977 meeting of the Board, including the following Retirements, Resignations, Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

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

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Retirements

JOHN T. BONNER, JR., has indicated his desire to retire from the University during the current year, the date to be subsequently determined.

ERNEST W. LEGGETT will retire as Treasurer of the University and of the Board of Trustees no later than May 31, 1978.

Resignations

L. ORIN SLAGLE, JR., has requested that he be relieved of his duties as Dean of the College of Law effective at the end of this academic year. He will return to full-time teaching July, 1978.

JOHN P. NELSON, Assistant Vice President, Office of Residence and Dining Halls, has submitted his resignation with the exact date to be determined later.

Appointments

Name: ARTHUR E. ADAMS
Titles: Associate Provost, Office of Academic Affairs, and Professor
Department: History
Effective: September 1, 1977
Salary: \$42,840.00
Present Position: Dean, College of Humanities, and Professor, Department of History

Name: ROBERT E. BAILEY
Titles: Director, Energy Research, Graduate School, and Professor
Department: Mechanical Engineering
Effective: October 1, 1977
Salary: \$35,040.00
Present Position: Assistant Head, Division of Interdisciplinary Engineering Studies, and Professor, Nuclear Engineering, Purdue University

Name: MICHAEL W. CURRAN
Title: Acting Associate Dean
College: Humanities
Effective: October 1, 1977
Salary: \$27,000.00
Present Position: Associate Professor, Department of History

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: WILLIAM J. NAPIER
Title: Director of Government Relations
Office: Public Affairs
Effective: September 6, 1977
Salary: \$24,000.00
Present Position: Graduate Administrative Assistant to Director of Government Relations, Office of Public Affairs

Name: RONALD GLASER
Titles: Professor and Chairman
Department: Medical Microbiology
Effective: February 1, 1978
Salary: \$45,000.00
Present Position: Associate Professor, Department of Microbiology, The Pennsylvania State University, College of Medicine, Hershey, Pennsylvania, and Senior Member, Graduate School, The Pennsylvania State University, University Park, Pennsylvania

Name: VIRGINIA M. VIVIAN
Titles: Professor and Chairman
Department: Human Nutrition and Food Management
Effective: September 1, 1977
Salary: \$30,000.00
Present Position: Professor, Department of Human Nutrition and Food Management (part time - 40 per cent), and Professor, Department of Home Economics (part time - 60 per cent), Ohio Agricultural Research and Development Center

Name: PAUL T. YARRINGTON
Titles: Professor and Chairman
Department: Engineering Graphics
Effective: September 1, 1977
Salary: \$34,908.00
Present Position: Professor, Department of Engineering Graphics

Name: WILLIAM E. CLAUSEN
Titles: Associate Professor and Acting Chairman
Department: Engineering Mechanics
Effective: September 1, 1977
Salary: \$29,200.00
Present Position: Associate Professor, Department of Engineering Mechanics

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

WILLIAM J. VERNER, Assistant Dean, Engineering Administration, effective July 18, 1977 through August 7, 1977, for personal reasons.

ERNST BALTENSPERGER, Professor, Department of Economics, effective October 1, 1977 through September 30, 1978, to complete research projects.

LUVERN L. CUNNINGHAM, Professor, Academic Faculty of Educational Administration, effective June 11, 1977 through September 30, 1977, to assist Judge Duncan as Special Master in the Columbus Desegregation Case.

MYRON R. PORTER, Professor, College of Dentistry, effective June 10, 1977 through June 26, 1977, to fulfill military obligations.

ROLF SOELLNER, Professor, Department of English, effective October 1, 1977 through December 31, 1977, to accept a NEH Fellowship at the Folger Shakespeare Library in Washington, D. C.

WOLFGANG WITTKOWSKI, Professor, Department of German, effective October 1, 1977 through September 30, 1978, to serve as a Visiting Professor of German at the State University of New York at Albany.

ARNOLD M. ZWICKY, Professor, Department of Linguistics, effective October 1, 1977 through December 31, 1977, to accept a Fulbright research fellowship at University of Sussex, England.

ROBERT BROWN, Associate Professor, Department of Mathematics, effective October 1, 1977 through September 30, 1978, to work in the Actuarial Department of the Midland Mutual Life Insurance Company.

SANJIB K. GHOSH, Associate Professor, Department of Geodetic Science, effective October 1, 1977 through March 31, 1978, to serve as Visiting Professor at Hosei University, Japan.

CHARLES GRIBBLE, Associate Professor, Department of Slavic Languages and Literatures, effective October 1, 1977 through December 31, 1977, to complete study of important manuscript in the Hilander Collection.

LUCY D. VENABLE, Associate Professor, Department of Dance, effective October 1, 1977 through September 30, 1978, to study with Marjorie Barstow.

DONALD S. VAN METER, Associate Professor, Department of Political Science, effective October 1, 1977 through March 31, 1978, to continue public policy research in Office of Attorney General, State of Ohio.

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

EIICHI BANNAI, Assistant Professor, Department of Mathematics, effective October 1, 1977 through September 30, 1978, to engage in research at the University of Tokyo, Japan.

CHARLES COLEMAN COX, Assistant Professor, Department of Economics, effective October 1, 1977 through September 30, 1978, to accept a research fellowship at Hoover Institute at Stanford University.

ROBERT A. DE BEAUGRANDE, Assistant Professor, Department of German, effective January 1, 1978 through March 31, 1978, to complete two books, one in German and one in English.

HELEN FEHERVARY, Assistant Professor, Department of German, effective April 1, 1978 through September 30, 1978, to work with University of California at Berkeley on a research project.

DANIEL BYRON SHAPIRO, Assistant Professor, Department of Mathematics, effective October 1, 1977 through September 30, 1978, to teach at University of Regensburg, West Germany.

ANN MARIE DOWNEY, Instructor, School of Health, Physical Education, and Recreation, effective October 1, 1977 through September 30, 1978, to engage in program of professional improvement.

GEORGE C. HART, Instructor, University Libraries, effective August 22, 1977 through June 25, 1978, to accept a grant from the Council on Library Resources for study on Ph.D. program in Spanish and Portuguese at Indiana University.

ELIZABETH ANN KELLY, Instructor, Health Sciences Library, effective June 13, 1977 through September 18, 1977, for personal reasons.

MARY ANN RUFFING, Instructor, School of Nursing, effective October 1, 1977 through September 30, 1978, to engage in program of professional improvement.

Emeritus Titles

WALTER J. FRAJOLA, Department of Physiological Chemistry, with the title Professor Emeritus, effective July 1, 1977.

ROBERT C. MC MASTER, Department of Welding Engineering, with the title Professor Emeritus, effective July 1, 1977.

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

ALDRICH SYVERSON, Department of Chemical Engineering, with the title Professor Emeritus, effective September 1, 1977.

PHYLLIS B. ROLFE, Academic Faculty of Early and Middle Childhood Education, with the title Assistant Professor Emeritus, effective September 1, 1977.

RALPH W. NEWMAN, Cooperative Extension Service, with the title Instructor Emeritus, effective August 1, 1977.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-23

Synopsis: The report on contracts, grants, and gifts and the summary for July is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of July, 1977, be approved.

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

September 9, 1977 meeting, Board of Trustees

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

SUMMARY FOR JULY, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	23	\$2,454,505.46
The Ohio State University Research Foundation	57	2,273,211.00
The Engineering Experiment Station	4	106,289.00
		\$4,834,005.46
The Ohio State University Development Fund	4,028 Donors	\$ 557,468.68

Establishment of Named Funds

The D. C. Kiplinger Chair in Floriculture (Chair in Floriculture in College of Agriculture and Home Economics)		\$31,667.00
J. Edward Weaver Endowment Fund (The Ohio State University Hall of Fame)		21,000.00
The Clarence E. Jackson Scholar- ship in Welding Engineering (Department of Welding Engineering)		6,700.00
The Robert A. Main, Sr., Scholar- ship Fund (College of Administrative Science)		500.00

September 9, 1977 meeting, Board of Trustees

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

ANNUAL SUMMARY

(July 1, 1976 - June 30, 1977)

OFFICE OF BUSINESS AND ADMINISTRATION

	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Student Programs	33	\$10,763,345.00	20	\$13,474,906.00	25
Training Grant	113	6,369,416.66	90	4,761,749.00	(25)
Total - Federal	146	\$17,132,761.66	110	\$18,236,655.00	6
State of Ohio	46	\$ 3,188,208.87	60	\$ 4,165,635.59	31
Industrial and Other	76	\$ 2,825,715.70	71	\$ 1,034,898.49	(63)
Totals	268	\$23,146,686.23	241	\$23,437,189.08	1

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

ANNUAL SUMMARY

(July 1, 1976 - June 30, 1977)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration	12	\$ 776,960.00	12	\$ 1,008,516.00	30
National Aeronautics and Space Administration	16	566,072.00	22	689,838.00	22
National Science Foundation	83	2,967,185.00	83	3,981,500.00	34
Department of Defense	81	2,953,787.00	102	4,382,431.00	48
Health, Education, and Welfare	150	10,224,309.00	138	10,828,149.00	6
Other Federal	38	4,057,214.50	42	3,360,040.00	(17)
Total - Federal	380	\$21,545,527.50	399	\$24,250,474.00	13
State of Ohio	17	\$ 252,488.30	23	\$ 680,517.00	170
Industrial, Private, and Other Non-Federal Sponsors	127	\$ 2,394,506.64	171	\$ 3,255,864.19	36
Totals	524	\$24,192,522.44	593	\$28,186,855.19	17

September 9, 1977 meeting, Board of Trustees

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

ANNUAL SUMMARY

(July 1, 1976 - June 30, 1977)

ENGINEERING EXPERIMENT STATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	20	\$ 290,034.00	30	\$ 143,367.00	(51)
State of Ohio	16	\$ 672,988.00	25	\$ 505,218.00	(25)
Industrial and Other	432	\$1,014,469.00	365	\$ 810,318.00	(20)
Totals	468	\$1,977,491.00	420	\$1,458,903.00	(26)

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

ANNUAL SUMMARY

(July 1, 1976 - June 30, 1977)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	1975-1976		1976-1977		% Change from 1976-77
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	35,571	\$ 801,418.06	40,110	\$ 930,282.12	16
Major Resources Group					
Deferred Gifts	47	\$1,957,202.33	49	\$1,426,906.14	(27)
Major Individual Gifts	825	1,593,331.33	1,082	2,476,535.64	55
Corporate Gifts	794	1,877,535.61	1,072	2,137,452.69	14
Foundation and Non-Profit Organization Gifts	641	1,749,433.69	726	2,829,264.42	62
Totals	2,307	\$7,177,502.96	2,929	\$8,870,158.89	24
Totals	37,878	\$7,978,921.02	43,039	\$9,800,441.01	23

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$580,420.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, for Mental Retardation Training, Nisonger Center for Mental Retardation, July 1, 1977 through June 30, 1978. (Grant No. MCT-000922-11-0)

\$204,858.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Division of Dentistry, Bethesda, Maryland, for Health Professions Special Project Grant Program, College of Dentistry, July 1, 1977 through June 30, 1978. (Grant No. 5 D08 DH15125-03)

\$128,078.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Division of Associated Health Professions, Bethesda, Maryland, for Interdisciplinary Training in Clinical Pharmacokinetics, College of Pharmacy, July 1, 1977 through June 30, 1978. (Grant No. 5 D08 AH15086-02)

\$124,363.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Medicine, July 1, 1977 through June 30, 1978. (I.D. No. 05L390071-78; Former No. 1 7 45 0430 15 1)

\$99,225.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Dentistry, July 1, 1977 through June 30, 1978. (I.D. No. 05L390075-78; Former No. 2 7 45 0430 15 1)

\$94,792.00 - Department of Justice, Bureau of Prisons, National Institute of Corrections, Washington, D. C., for Training Jail Trainers, The Center for Vocational Education, August 1, 1977 through July 31, 1978. (Grant No. AE-3)

\$87,903.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Veterinary Medicine, July 1, 1977 through June 30, 1978. (Grant No. 05L390083-78; Former No. 7 7 45 0430 15 1)

\$60,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, School Systems and Handicapped Education Branch, Washington, D. C., for Development of an Instrument for Inservice Training and Implementing Major Curricular Modifications to Prepare Personnel, Academic Faculty of Exceptional Children, July 1, 1977 through June 30, 1978. (Grant No. G007701469)

September 9, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$49,664.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland--\$30,615.00 for Nursing Student Loans, July 1, 1977 through June 30, 1978; and \$19,049.00 for Nursing Scholarships, July 1, 1977 through June 30, 1979, Student Financial Aids, School of Nursing. (I.D. No. 05L390029-78; Former No. B 7 45 0430 15 1)

\$45,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., for an Interdisciplinary Graduate Program in Physical Education, School of Health, Physical Education, and Recreation, July 1, 1977 through June 30, 1978. (Grant No. G007701170)

\$38,125.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Optometry, July 1, 1977 through June 30, 1978. (I.D. No. 05L390077-78; Former No. 4 7 45 0430 15 1)

\$30,366.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, for Research Training in Developmental Psychobiology, Department of Psychology, July 1, 1977 through June 30, 1978. (Grant No. 5 T32 MH14608-02)

\$17,000.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Pharmacy, July 1, 1977 through June 30, 1978. (I.D. No. 05L390079-78; Former No. 5 7 45 0430 15 1)

\$14,283.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Division of Associated Health Professions, Bethesda, Maryland, for Recruiting/Retaining Disadvantaged and Minority Students in Veterinary Medicine, College of Veterinary Medicine, July 1, 1977 through June 30, 1978. (Grant No. 5 D08 AH15080-02)

\$4,010.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland--\$2,472.00 for Nursing Student Loans, July 1, 1977 through June 30, 1978; and \$1,538.00 for Nursing Scholarships, July 1, 1977, through June 30, 1979, Student Financial Aids, School of Nursing. (I.D. No. 05L390068-78; Former No. G 7 45 0430 15 1)

TOTAL - FEDERAL CONTRACTS/GRANTS

\$1,578,087.00

September 9, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants

\$667,600.35 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Trade and Industrial Education-Teacher Education and Supervision, Academic Faculty of Vocational-Technical Education, July 1, 1977 through June 30, 1978.

\$78,813.11 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Business and Office Education-Teacher Education and Supervision, Academic Faculty of Vocational-Technical Education, July 1, 1977 through June 30, 1978.

\$68,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Preparation of Appropriate Training Materials for Teacher and Student Use for Teacher Education Courses in Trade and Industrial Education, Academic Faculty of Vocational-Technical Education, July 1, 1977 through June 30, 1978.

\$35,272.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Administration of Vocational Education Personnel Development Program for Ohio, College of Agriculture and Home Economics, Department of Agricultural Education, July 1, 1977 through September 30, 1978.

\$17,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Instructional Materials Development in Distributive Education, Academic Faculty of Vocational-Technical Education, July 1, 1977 through June 30, 1978.

\$5,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Home Economics Section, Columbus, Ohio, for two-week Summer Handicapped Workshop, Department of Home Economics Education, June 13, 1977 through June 24, 1977.

\$2,133.00 - State of Ohio, Department of Education, Division of Federal Assistance, Columbus, Ohio, for Adult Basic Education, Academic Faculty of Vocational-Technical Education, October 1, 1976 through September 30, 1977.

\$2,100.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for State Vocational Education Personnel Development Coordination of EPDA National Training Activity Projects, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$876,418.46

September 9, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$148,924.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Medicine, Department of Physical Medicine, 1 July 1977 through 30 June 1978. (Project 710555 - New)

\$141,453.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, University Affiliated Facilities - Administration and Operation, Nisonger Center for Mental Retardation, Office of Health Sciences, 30 June 1977 through 29 June 1978. (Project 710559 - New)

\$130,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, Broadening the Concept of Advocacy in Habilitation, Nisonger Center for Mental Retardation, Office of Health Sciences, 30 June 1977 through 29 June 1978. (Project 710560 - New)

\$104,258.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Conduct Investigation of Clinical Pharmacology of Potential Anticancer Agents, College of Pharmacy, 23 June 1975 through 22 June 1978. (Project 784210 - Modification No. 2)

\$104,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Continuation Application Language Area Center for Slavic and East European Studies, Department of Slavic Languages and Literatures, 1 July 1977 through 30 June 1978. (Project 710553 - New)

\$92,252.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine, 26 June 1972 through 25 July 1978. (Project 783478 - Modification No. 7)

\$91,219.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Dentistry, Hyattsville, Maryland, Expanded Function Dental Auxiliary (EFDA) Basic Education Training, College of Dentistry, Division of Dental Hygiene, 1 August 1977 through 31 July 1978. (Project 710575 - New)

\$76,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Early Infant Intervention Through Parent Interaction, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 710581 - New)

September 9, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$72,531.00 - Department of Health, Education, and Welfare, 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, 1 July 1977 through 30 June 1978. (Project 710552 - New)

\$65,500.00 - National Science Foundation, Washington, D. C., Glaciological Investigation of the Dome C Area, East Antarctica, Institute of Polar Studies, Graduate School, 1 October 1977 through 31 March 1979. (Project 710602 - New)

\$63,404.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Mitochondrial Transmission Genetics, Department of Genetics, 1 August 1977 through 31 July 1978. (Project 710595 - Extension No. 4)

\$58,732.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Interdisciplinary Training in Developmental Biology, Department of Zoology, 1 July 1977 through 30 June 1978. (Project 710550 - New)

\$49,414.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Theoretical Research on the Translation of Phase-Structure Languages, Department of Computer and Information Science, 1 May 1975 through 30 June 1978. (Project 784151 - Modification No. AFOSR 75-2811C)

\$49,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 710580 - New)

\$48,495.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis, Department of Chemistry, 1 August 1977 through 31 July 1978. (Project 710563 - Extension No. 6)

\$45,292.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Immobilized Enzymes, Applications in Protein Chemistry, Department of Biochemistry, 1 August 1977 through 31 July 1978. (Project 710269 - Extension No. 5)

September 9, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$42,804.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Training Model in Speech Pathology and Audiology, Department of Communication, 1 July 1977 through 30 June 1978. (Project 710544 - New)

\$41,632.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Medicine, Department of Physical Medicine. (Project 710555 - Amendment No. 1)

\$40,000.00 - Department of the Air Force, Headquarters, Rome Air Development Center (AFSC), Griffiss Air Force Base, New York, Advanced TDMA Techniques and Bit Synchronous Design and Array Component Evaluation, ElectroScience Laboratory, Department of Electrical Engineering, 1 January 1975 through 15 January 1979. (Project 710300 - Modification No. P00010)

\$39,197.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Summer Institute on Folklore and Traditions of Mexican-American, Black and Appalachian People, Department of Romance Languages and Literatures, 1 August 1977 through 31 July 1978. (Project 710578 - New)

\$39,080.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Department of Preventive Medicine, 1 July 1977 through 30 June 1978. (Project 710628 - New)

\$37,506.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression and Synthesis in Neurospora, Department of Biochemistry, 1 July 1977 through 30 June 1978. (Project 710549 - New)

\$33,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Course Development in Undergraduate International Studies Education, Department of Political Science, 1 July 1977 through 30 June 1978. (Project 710557 - New)

\$30,740.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Enzyme Immobilization for Detection of Conformation Changes, Department of Biochemistry, 1 July 1977 through 30 June 1978. (Project 710548 - New)

September 9, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$29,306.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Ohio State University Russian Language Program in Moscow, Department of Slavic Languages and Literatures, 1 January 1978 through 1 July 1978. (Project 710625 - New)

\$27,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Aviation, 1 September 1976 through 30 September 1977. (Project 784511 - Supplement No. 1)

\$26,658.00 - 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, 1 July 1977 through 30 June 1978. (Project 710554 - Extension No. 2)

\$25,092.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering, 1 August 1976 through 31 July 1978. (Project 784508 - Modification No. P00005)

\$25,000.00 - Department of the Air Force, Air Force Office of Scientific Research (AFSC), Bolling Air Force Base, D. C., *In Vitro* Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology, 1 July 1977 through 30 June 1978. (Project 784754 - New)

\$25,000.00 - National Science Foundation, Washington, D. C., Halogenation Reactions of Group IB Atoms Using Molecular Beams and Spectroscopic Detection, Department of Chemistry, 1 September 1976 through 31 August 1978. (Project 784526 - Letter dated 24 June 1977)

\$24,001.00 - 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, 1 June 1977 through 31 May 1978. (Project 710050 - Extension No. 7)

\$20,357.00 - Department of the Army, Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Road Dust - Its Physical and Chemical Characteristics and Its Potential Impact on Tundra Vegetation North of the Brooks Range, Alaska, Institute of Polar Studies, Graduate School, 7 July 1977 through 6 December 1979. (Project 710561 - New)

September 9, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,000.00 - National Science Foundation, Washington, D. C., Combinatorial Problems of Applied Discrete Mathematics, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 710627 - New)

\$16,242.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, Development of a Guide for EMS Communications Training, Department of Preventive Medicine, 1 August 1977 through 30 November 1977. (Project 710613 - Extension No. 1)

\$14,652.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Lymphoid Leukemia: Immune RNA Therapy, Department of Microbiology, 1 September 1976 through 28 February 1978. (Project 783538 - Supplement No. 1)

\$10,500.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Techniques for the Analysis of Terrestrial and Satellite Data for the Determination of the Earth's Gravitational Field, Department of Geodetic Science, 1 May 1971 through 30 November 1977. (Project 783210 - Supplement No. 9)

\$10,380.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine. (Project 710027 - Supplement No. 1)

\$4,800.00 - National Science Foundation, Washington, D. C., Demographic Genetics of *Desmodium Nudiflorum*, Department of Botany. (Project 784587 - Letter dated 28 June 1977)

\$4,000.00 - National Science Foundation, Washington, D. C., Conference on Transport Effects in Inhomogeneous Media, Department of Physics, 1 July 1977 through 31 December 1977. (Project 710609 - New)

\$2,811.00 - Department of Agriculture, Forest Service, Portland, Oregon, Creep of Slopes of Permafrost, Department of Civil Engineering, 15 July 1977 through 31 December 1977. (Project 710576 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$1,927.232.00

September 9, 1977 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

\$122,200.00 - World Health Organization, Geneva, Switzerland, Evaluation of Active Immunization With Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology, 1 July 1977 through 30 June 1978. (Project 710610 - New)

\$75,682.00 - American Board of Internal Medicine, Philadelphia, Pennsylvania, American Board of Internal Medicine - Model for Evaluation and Recertification through Individualized Testing (MERIT) - Phase III, College of Medicine Administration, 1 January 1977 through 31 March 1978. (Project 710591 - New)

\$64,000.00 - Metropolitan Human Services Commission, Columbus, Ohio, Human Services Needs Assessment in Franklin County, College of Social Work, 28 March 1977 through 31 August 1977. (Project 784699 - New)

\$16,060.00 - American Heart Association, Inc., Dallas, Texas, Hydrophobic Binding in Thrombin Action, Department of Chemistry, 1 July 1977 through 30 June 1978. (Project 710603 - Extension No. 1)

\$12,500.00 - Toledo Edison Company, Toledo, Ohio, Impingement and Entrainment Studies at the Acme and Bay Shore Power Stations, Toledo Edison Company, Center for Lake Erie Area Research, College of Biological Sciences, 1 July 1977 through 31 December 1977 (Project 710608 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Anti-Tumor Immunotherapy Using the Active Component, Poly (A) Containing Messenger RNA, Isolated from "Immunogenic" RNA, Department of Microbiology, 1 July 1977 through 30 June 1978. (Project 710594 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Lymphocyte Receptor Mechanisms in Malignant Disease, Department of Pathology, 1 July 1977 through 30 June 1978. (Project 710568 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Chemotherapeutic Efficacy of Leucine Chloremethylketone, Department of Physiological Chemistry, 1 July 1977 through 30 June 1978. (Project 710567 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Anti-Tumor Activity of New BCG Fractions, Department of Medical Microbiology, 1 July 1977 through 30 June 1978. (Project 710558 - New)

September 9, 1977 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)

\$5,995.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Measurement of Genetic Damage in Mammalian Tissues Exposed to Mutagens and Carcinogens, College of Pharmacy, 1 July 1977 through 30 June 1978. (Project 710593 - New)

\$5,940.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Immunoreactive Trypsin as an Index of Pancreatic Cancer in the Syrian Golden Hamster, Department of Veterinary Physiology and Pharmacology, 1 July 1977 through 30 June 1978. (Project 710626 - New)

\$5,000.00 - U. S. Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 783911 - Check dated 5 July 1977)

\$4,208.00 - Schering Corporation, Kenilworth, New Jersey, The Use of the Steroidal Anesthetic CT 1341 as an Equine Intravenous Anesthetic, Department of Veterinary Clinical Sciences, 1 July 1977 through 30 September 1977. (Project 710599 - New)

\$3,300.00 - Department of Public Safety, City of Columbus, Columbus, Ohio, Evaluation of Citizen's Crime Reporting Program, School of Public Administration, 1 July 1977 through 31 March 1978. (Projects 710601 - New)

\$3,094.00 - The Procter & Gamble Company, Cincinnati, Ohio, AP Study, College of Dentistry, 1 July 1977 through 30 September 1977. (Project 710565 - New)

\$3,000.00 - The National Foundation March of Dimes, New York, New York, Effect of Hypoxia on the Characteristics of an Integrative Neuronal Network in the Developing Brain, Department of Physiology, 1 July 1977 through 31 August 1977. (Project 710564 - New)

\$1,000.00 - World Health Organization, Geneva, Switzerland, Studies on Immunization Against Echinococcus Granulosus, Department of Veterinary Pathobiology, 1 July 1977 through 30 June 1978. (Project 710543 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$345,979.00**

September 9, 1977 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State of Ohio Contract

\$41,000.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for a Study to Analyze Selected Public Policy Issues Dealing with the Regulation of Electric Power and Natural Gas Utilities, Department of Mechanical Engineering, July 1, 1977 through August 31, 1977. (EES 508C)

Industrial and Other Contracts

\$32,905.00 - American Gas Association, Arlington, Virginia, for Mechanism for the Accumulation of Static Charge on Plastic Pipe Installations, Department of Electrical Engineering, July 1, 1977 through June 30, 1978. (EES 569)

\$20,000.00 - American Gas Association, Arlington Virginia, for Surface Combustion of Hydrogen and Other Light Gaseous Fuels in the Presence of a Non-Uniform Electrostatic Field and Corona Wind, Department of Mechanical Engineering, August 15, 1977 through August 14, 1978. (EES 561, Extension No. 1)

\$12,384.00 - Dayco Corporation, Springfield, Missouri, for Tensile Fatigue Testing of V-Belts, Department of Mechanical Engineering, June 1, 1977 through September 30, 1978. (EES 453, Extension No. 4)

TOTAL - INDUSTRIAL AND OTHER CONTRACTS \$ 65,289.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$22,400.00 from Burroughs Wellcome Company, Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

\$20,251.61 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$19,620.76 from Louise Orr Scott Foundation, Columbus, Ohio--\$14,715.57 for the William Craig Orr and Mary Black Orr Scholarship in Medicine; and \$4,905.19 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$15,460.00 from The Procter & Gamble Company, Cincinnati, Ohio--\$8,500.00 for the Clinical & Experimental Neuromuscular Disease Fund and \$6,960.00 for their fellowship fund in chemical engineering.

\$14,056.90 from The Refractories Institute, Pittsburgh, Pennsylvania, for their research fund in engineering.

September 9, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$12,000.00 from Grange Mutual Casualty Company, Columbus, Ohio, for Friends of WOSU Fund in support of the telecasts of Ohio State football this fall.

\$10,950.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in medicine.

\$10,269.11 from Ohio Turfgrass Foundation, Columbus, Ohio, for research in the Department of Agronomy.

\$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for the College of Medicine.

\$9,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Clinical Pharmacology of Dobutamine-Eli Lilly Company Fund.

\$8,040.00 from George F. Lonz Foundation, Middle Bass, Ohio, for their fund for Enology and Viticulture.

\$6,768.00 from Melvin E. Moffitt Estate, San Antonio, Texas, for an unrestricted named endowment fund.

\$6,736.40 from Grace and Carl Baldwin Trust, Columbus, Ohio, for their eye care endowment fund.

\$6,654.00 from Dade Division, American Hospital Supply Corporation, Miami, Florida, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$6,252.64 from Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates), Columbus, Ohio, for the Eye Bank Fund.

\$5,130.00 from American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for their fellowship fund.

\$5,050.00 from Rohm & Haas Company, Springhouse, Pennsylvania--\$3,000.00 for their Chemical Engineering Fund; \$1,050.00 for the College of Biological Sciences Colloquium; and \$1,000.00 for the Department of Chemical Engineering Scholarship Fund.

\$5,000.00 from Mr. and Mrs. Edward C. Haaf, Canal Winchester, Ohio, for their endowed scholarship fund.

September 9, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$5,000.00 from Hedges Office Account (given in the names of Edmund H. Hedges, Jr. and William J. Hedges), Lima, Ohio, for the Harry E. LeFever Fund for Education in Neurological Surgery.

\$5,000.00 from Mid-Ohio Automotive, Inc. (given in the names of Don Kirsch and Stan Hiltz), Columbus, Ohio, for the Louis Levy Professorship for Cancer Research Fund.

\$5,000.00 from The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for a fellowship in ceramic engineering.

\$5,000.00 from Ross Laboratories, Columbus, Ohio, for the Management Science Faculty Support Fund.

Establishment of Named Funds

The D. C. Kiplinger Chair in Floriculture

The D. C. Kiplinger Chair in Floriculture was established September 9, 1977, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends of Dr. D. C. Kiplinger (Master of Science, 1937, and Doctor of Philosophy, 1952), members of the Ohio Florists' Association, and the Ohio State Floriculture/Landscape Horticulture Alumni Association members.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 scholar and researcher in floriculture. Appointment to the D. C. Kiplinger 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 floricultural education.

September 9, 1977 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 J. Edward Weaver Endowment Fund

The J. Edward Weaver Endowment Fund was established September 9, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of J. Edward Weaver, B.A. '33, Columbus, Ohio. This honor is being bestowed upon the occasion of Mr. Weaver's retirement as Director of Intercollegiate Athletics.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 help underwrite costs incurred by the Varsity "O" Board of Directors in establishing The Ohio State University Athletic Hall of Fame. After the Hall of Fame is in operation, the annual income from this fund will be used in accordance with suggestions from Mr. Weaver in concurrence with the Director of Intercollegiate 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.

The Clarence E. Jackson Scholarship in Welding Engineering

The Clarence E. Jackson Scholarship in Welding Engineering was established September 9, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and colleagues of Clarence E. Jackson, distinguished Professor of Welding Engineering, upon his retirement.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 undergraduate students enrolled in the Department of Welding Engineering. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee of the Department of Welding 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 Welding Engineering education.

September 9, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Robert A. Main, Sr., Scholarship Fund

The Robert A. Main, Sr., Scholarship Fund was established September 9, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert A. Main, Sr., B.S.Bus.Adm., 1948, Wyckoff, New Jersey.

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

The annual income is to be added to the principal until the fund reaches \$5,000. At that time, the income is to be used to provide one or more undergraduate scholarships for students enrolled in the College of Administrative Science. First preference will be given to students who have demonstrated academic ability and the 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 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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AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND THE OHIO BOARD OF REGENTS FOR THE OPERATION OF THE RESEARCH AND GRADUATE EDUCATION FACILITY AT THE TRANSPORTATION RESEARCH CENTER OF OHIO

Resolution No. 78-24

Synopsis: Agreement between The Ohio State University and the Ohio Board of Regents for operation of Research Graduate Education Facility at the Transportation Research Center of Ohio is proposed.

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:

September 9, 1977 meeting, Board of Trustees

AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND THE OHIO BOARD OF REGENTS FOR THE OPERATION OF THE RESEARCH AND GRADUATE EDUCATION FACILITY AT THE TRANSPORTATION RESEARCH CENTER OF OHIO (contd)

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.

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

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AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND THE TRANSPORTATION RESEARCH BOARD OF OHIO FOR THE OPERATION OF THE RESEARCH AND GRADUATE EDUCATION FACILITY AT THE TRANSPORTATION RESEARCH CENTER OF OHIO

Resolution No. 78-25

Synopsis: Agreement between The Ohio State University and the Transportation Research Board of Ohio for the operation of the Research and Graduate Education Facility at the Transportation Research Center of Ohio is proposed.

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 also recognizes that The Ohio State University shall enter into an agreement with the Transportation Research Board of Ohio for the use of shared facilities owned, maintained, and operated by the Transportation Research Center of Ohio:

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 Transportation Research Board of Ohio for the operation of the research and graduate education facility located at the Transportation Research Center of Ohio, East Liberty, Ohio.

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

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September 9, 1977 meeting, Board of Trustees

**EASEMENT - COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
KENNY ROAD - ELECTRICAL SERVICE LINE**

Resolution No. 78-26

Synopsis: Electrical Easement on Kenny Road is being proposed.

WHEREAS the University has received a request from the Columbus and Southern Ohio Electric Company for an electrical easement to serve the new Foundry Metals-Glass Building located at 1991 Kenny Road; said electrical line shall be constructed within the limits of a 10-foot strip of land approximately 1149 feet in distance, with a deflection angle left at the northwest section which contains a segment of land, 10 feet in width and 77 feet in length, said segment is located approximately 847 feet west of Kenny Road;

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 Department of Administrative Services, Director of Public Works, 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 Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS
FOR THE FISCAL YEAR JULY 1, 1975 THROUGH JUNE 30, 1976**

Resolution No. 78-27

Synopsis: Report of Auditor of State for The Ohio State University Hospitals for fiscal year July 1, 1975 through June 30, 1976, 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 annual report of the Auditor of State for The Ohio State University for the period July 1, 1975 through June 30, 1976, 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 Hospitals were found to be in order but certain recommendations were included in the report; and

September 9, 1977 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS
FOR THE FISCAL YEAR JULY 1, 1975 THROUGH JUNE 30, 1976 (contd)**

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. Devenow, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY -
COLLEGE WORK-STUDY PROGRAM FOR THE PERIOD
JULY 1, 1973 THROUGH JUNE 30, 1976**

Resolution No. 78-28

Synopsis: Report of Auditor of State for The Ohio State University - College Work-Study Program for the period July 1, 1973 through June 30, 1976, 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 - College Work-Study Program for the period July 1, 1973 through June 30, 1976, 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 - College Work-Study Program were found to be in order:

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. Devenow, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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September 9, 1977 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-29

RESOLVED, That the report on the University's Investment Portfolio dated September 8, 1977, 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 - PROGRESS OF PROGRAMS FOR THE PHYSICALLY IMPAIRED

Mrs. Nancy J. Brower, Director, Office of the Physically Impaired, presented a report to the Board on "Progress of Programs for the Physically Impaired" at The Ohio State University.

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PRACTICE PLAN FOR THE COLLEGE OF MEDICINE

Statement by Harold L. Enarson, President, The Ohio State University

As the members of the Board are aware, I had asked Mr. Howard Collier, Vice President for Finance of the Medical College of Ohio at Toledo, to work with my staff in analyzing our progress toward the development of a Practice Plan for the College of Medicine. Copies of the report that has been produced have been distributed to the Board members.

The report traces the history of efforts to develop a Plan at this institution, beginning with the Board of Trustees' first action in this regard in 1954. A review of this lengthy history--with an interminable list of committees, studies, proposals and discussions--leads inexorably to the conclusion that a new and different approach is required.

It is now obvious to everyone that an acceptable Practice Plan will not be developed unless the Board and the administration take it upon themselves to prepare the working draft. It is also obvious that further delay in the development, adoption and implementation of a Practice Plan will serve no useful purpose.

Accordingly, with your approval I plan to take the following steps:

1. Appoint an internal working group--composed of Dr. Howard Sirak, Vice Chairman of this Board; William Vandament, Director of Budget and Resources Planning; Kathryn Schoen, Associate Provost for Faculties; and Eric Gilbertson, my assistant--to prepare, by January 1, 1978, a draft Practice Plan to be used as the basis for further consultation with the medical faculty;
2. Contract with such external consultants as may be necessary to assist in the development of this Plan; and

September 9, 1977 meeting, Board of Trustees

PRACTICE PLAN FOR THE COLLEGE OF MEDICINE (contd)

3. Recommend to this Board that a Practice Plan be formally adopted and put into effect, after -- I again stress -- full and open consultation with the medical faculty, during the fiscal year which begins July 1, 1978.

I have appreciated the strong support of the members of the Board on this matter. I plan to report to you on our progress at subsequent meetings until some resolution is achieved.

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September 8, 1977

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE

To: President Harold L. Enarson

From: Howard L. Collier
Eric R. Gilbertson

This report is divided into four sections: I. Definition of the Need for a Practice Plan. II. Chronology of Events Relative to the Development of a Practice Plan for O.S.U. III. Policy Questions to be Resolved. IV. Recommendations. It is intended to be a first step towards the expeditious development of a draft Practice Plan by the Trustees and administration of the University for use in deliberations with the faculty of the College of Medicine.

I. Definition of the Need for a Practice Plan

The financing of medical education in the United States is extremely complex; the states, the federal government, students, and faculty each make a vital contribution. At The Ohio State University College of Medicine, as in almost all other centers of medical education, the actual provision of health care services is an integral part of the mission of the medical faculty, along with their teaching and research responsibilities. These three complement one another; indeed they are inseparable.

Unlike teaching and most research, however, the direct provision of health care services -- the treatment of patients -- is an income-generating activity. And while this income-generating potential is greater in some fields of specialty than in others, it nonetheless plays an important part in the compensation of faculty and in financing opportunities for the improvement of the overall medical education program.

Medical schools in the United States, indeed some 87% of them, have adopted "Practice Plans" -- a formal and systematic way of dealing with income generated by faculty from the treatment of private patients in order to provide fairness and equity in the compensation of all faculty in the medical school, to recover those costs that are directly and indirectly associated with the income-generating treatment of patients, and to provide for the overall improvement of their educational and research programs.

September 9, 1977 meeting, Board of Trustees

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

While the Practice Plans that have been adopted by the various medical schools differ greatly in their organization and distribution of funds, all seem to have these general objectives:

- (1) To assist universities in meeting the primary goals of teaching, research, and patient care.
- (2) To assist in the recruitment and retention of a medical faculty of high quality.
- (3) To provide faculty incomes which are competitive with the incomes of faculty members in the same disciplines at comparable academic medical centers in the United States.
- (4) To assure financial stability for the faculty by providing appropriate incentives and through sharing of risk, so that appropriate charges will be made for all professional services rendered.

II. Chronology of Events Relative to the Development of a Practice Plan for OSU

The following dates mark the most significant events in the effort to deal with practice-generated fee income at The Ohio State University:

- (1) 7/12/54 -- The minutes of the Board of Trustees reflect the following action:

"President Bevis presented the following recommendation:

"That the Administration be authorized as a matter of policy to establish compensations for full-time, permanent personnel of the College of Medicine at figures which will attract top-flight people; that within limits to be set by the University, such persons be permitted to earn fees by 'practice' or 'consultation'; that all statements for such services be sent out by the University and all receipts be paid into appropriate rotary funds; that a portion of the compensation of such personnel be paid out of A-1 salary funds, such portion to approximate the salaries paid to persons of equivalent status in other parts of the University; that the remainder of such total salaries be paid out of the 'earnings' in the appropriate rotaries and, that any balances in such rotaries over and above the amounts required to pay such salaries be paid into the general funds of the University.

"Upon motion of Judge Gorman, seconded by General Dargusch, the above recommendation was approved by unanimous vote."

This action was modified by the Board in subsequent action at its November 8, 1954 meeting.

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (2) 7/11/58 -- The minutes of the Board of Trustees reflect the following action:

"It is recommended that the action of the Board of Policy to establish compensations for full-time permanent personnel of the College of Medicine . . ., approved at its meeting on July 12, 1954 and amended at its meeting on November 8, 1954, be rescinded."

* * * *

"Upon motion of Judge Gorman, seconded by Mr. Patton the foregoing general recommendations were approved by unanimous vote."

- (3) 7/23/71 -- President Fawcett, at the request of the Chairman of the Board of Trustees, asked for a comprehensive review of the guidelines, policies, procedures of all departments of the College of Medicine concerning source and distribution of "patient fees for professional services rendered."
- (4) 8/27/71 -- The Vice President for Medical Affairs appointed an "Ad Hoc Committee," chaired by Dr. Stuart Roberts, composed of 22 faculty members, to study both Ohio State University Hospitals procedures and those of other teaching hospitals in the United States.
- (5) 11/29/71 -- The interim report of the Ad Hoc Committee, dated November 23, 1971, was received with the resolution of the Executive Committee of the University Hospitals dated November 23, 1971, which states "fees for service rendered for professional care of patients are the sole property of the physician rendering the service and it is their sole right to dispose of these fees for service as they so desire."
- (6) 12/1/71 -- President Fawcett wrote that the Ad Hoc Committee recommendations "fall short of the kinds of guidelines" he desired and he, therefore, had decided not to take this to the Board (Finance Committee).
- (7) 12/14/71 -- Meeting of University Hospital Medical Society unanimously voted to present the "eight points of the Ad Hoc Committee report" by mailed ballot (unsigned) to all members of the Hospital staff for approval or disapproval by point.
- (8) 1/18/72 -- The "Ad Hoc Committee" final report was sent to President Fawcett with support from the Vice President for Medical Affairs. The mail vote of the University Hospital staff on each of the questions ranged from 79% to 97% affirmative support.
- (9) 2/4/72 -- President Fawcett made a report to the Finance Committee of the Board of Trustees on the subject "regularizing of fees for patient care."

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (10) 3/10/72 -- President Fawcett, in a conference, expressed acceptance of a few of the points in the report, disapproved others, and modified others.
- (11) 4/3/72 -- President Fawcett appointed a committee "for the purpose of developing a series of recommendations to my successor and the Board of Trustees relating to the Practice of Medicine in the University Hospitals by members of our faculty." Professor Ronald St. Pierre served as chairman.
- (12) 1/12/73 -- Report of the Survey Team representing the Liaison Committee on Medical Education, which last accredited The Ohio State University College of Medicine on September 25-28, 1972, was received. It states in part:

"A significant absence from the 18 million dollar total revenues is any contribution from a medical service plan. This is an area that the survey team explored in some depth with almost every department chairman and especially in the clinical sciences. It was soon obvious that there was no consistency nor uniformity throughout the college. Some departments had no plan, others had a very crude one, and others had a rather evolved plan or partnership arrangement. In no case did the college become involved in the billing process. Each department is apparently left to its own devices or initiative.

"The survey team was unanimous in its recommendation that the medical college should endorse a policy for the collection and disbursement of professional fees acquired for services rendered based on a regular university approved program. That is, the team urges the adoption of general guidelines on a college wide basis, which would leave open the possibility of negotiations within that framework on a department by department basis. The team recognizes the philosophy of Ohio State to encourage the faculty of clinical departments to earn a significant portion of their own income. While this policy may be defended in the current climate, careful monitoring is necessary to prevent the uncontrolled growth of high - vs. - low earning departments. The emphasis on earning from practice can also jeopardize teaching and research development. Last, but not least, there is a growing number of states demanding public accountability from those state institutions accepting support of the school from public funds. It is not hard to imagine a similar requirement from the Federal government. In short, it is not unlikely that the College of Medicine will be required to report the total earned income of its faculty in the near future."

- (13) 3/26/74 -- The report of the St. Pierre Committee was received. It recommends practice plans on departmental basis with required contribution of 14% of gross income collected from patient-oriented services. This income was to be used to reimburse the College for direct and indirect costs incurred in the treatment of patients, with the remainder, if any, allocated at the discretion of elected departmental committees.

September 9, 1977 meeting, Board of Trustees

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (14) Various departments either "rejected" (as e.g., Surgery, Anesthesiology), or offered critical comments about the recommendations of the St. Pierre Committee.
- (15) Subsequent to the receipt of this report, attempts were made to implement practice plans at the departmental level. These achieved only limited success. Some departments adopted plans, others did not. And in some departments with plans, individual faculty members refused to participate.
- (16) 2/18/77 -- President Enarson wrote to Dean Cramblett stating: "While in the past I have encouraged a departmental approach to developing practice plans, I am now convinced -- as I believe is the Board of Trustees -- that a college-wide plan is needful and that we should work toward implementing a satisfactory one as soon as possible." He further stated: "I am aware that there is no model practice plan. What works and is equitable at one institution is not necessarily so at another. But it does appear to me that there are some indispensable general criteria for such a plan.
 - (1) It should ensure that resources are used to result in the best balance of teaching, research, and patient care. That implies the appropriate information system to assure accountability to the college.
 - (2) It should require the participation of all members of the faculty.
 - (3) It should not only require the reimbursement of the College for all direct support services related to the generation of physician fee income but also the provision for faculty enrichment programs at both the department and college level."
- (17) 3/5/77 -- Dean Cramblett conducted a survey of Clinical Department Chairmen regarding competitive compensation levels for faculty in the various disciplines, estimates of time spent by faculty in the instruction of students, and the level of voluntary support from fee income currently being provided by clinical faculty.
- (18) 3/30/77 -- Dean Cramblett shared a draft of Practice Plan -- providing recovery to the College of Medicine of 20% of gross fee collections -- with Clinical Department Chairmen.
- (19) 6/8/77 -- Howard Collier met with Clinical Department Chairmen and, in separate meeting, with members of the Board of Trustees to discuss Practice Plans.

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (20) 6/8/77 -- The Board of Trustees unanimously adopted the following resolution:

“BE IT RESOLVED, That the President of this University be directed, after due consultation, to develop a single, appropriate practice plan for its’ medical faculty, for Board consideration and action no later than July 1, 1979.”

III. Policy Questions to be Resolved

- (1) Form of organization. According to a March, 1977 study by the Association of American Medical Schools, Practice Plans in effect at American medical schools vary from the highly centralized to the highly decentralized. Whatever the degree of centralization, however, these plans seem to break down into two distinctive types: those which employ the device of a separate incorporated entity and those which are administered directly by the institutions themselves. Under the former alternative, all M.D.’s who are members of a medical school faculty are obligated, as a condition of employment, to also be members of the medical faculty’s professional corporation. The University negotiates with the professional corporation as to the specific financial arrangements under which the individual faculty members will receive compensation, costs are reimbursed, and a return to various college and departmental funds is provided.

The professional corporation employs its own staff to collect charges to patients, administer receipts and pay practice-related expenses (e.g., malpractice liability insurance, secretarial services, etc.).

Institutionally-administered plans may either centralize the fee collecting and income dispensing process -- acting much like the corporate entity -- or may allow these functions to be decentralized and deal only with that portion of the fee income to which it is entitled under the terms of the plan.

Given the existing arrangements for the practice of medicine by members of the clinical faculty at O.S.U., it would appear that the establishment of a single professional corporation for all clinical faculty would not be a feasible alternative. Long-standing professional practice associations -- corporate, partnership, and contractual -- have been established by faculty and should not be needlessly disrupted. Also fee collecting arrangements are in place, and are presumably working to the satisfaction of the individual physicians.

The decentralized, institutionally-administered model also offers the advantages of simplicity and a relative ease of administration.

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

Accordingly, while the possibility of establishing a single professional corporation for all medical faculty should not be entirely abandoned, primary emphasis in further study should be directed towards the development of a decentralized, institutionally-administered Plan.

- (2) Determination of individual income. Under all practice plans the institutions provide each faculty member with a fixed base salary from institutional funds for his or her instructional services. What remains to be determined then is the amount of supplemental fee-generated income to be provided.

In the cases where a separate entity exists, often a second guaranteed salary -- set at some percentage of the institutional base salary -- is provided the physician. He or she is then also entitled to a certain percentage of the net fee income -- after expenses -- generated from his or her practice. The remainder returns to various elements within the university.

A decentralized, institutionally-administered Plan would provide for the assessment against privately-collected fee income, either by a flat percentage of the total or by progressive rates. This may or may not set some limit on total income or total time spent in the treatment of patients.

Our preliminary judgment is that the most equitable Plan -- given the decentralized, institutionally-administered organizational form -- would be one that assesses at progressive rates against a physician's total fee collections. This would place less of a burden on those clinical faculty members who devote less of their time to fee-generating activities or who practice in specialties with less income potential, while at the same time not dampen any faculty member's incentive to generate income. It would reduce the great disparity between the incomes of various members of the clinical faculty, without also attempting to equalize total compensation.

- (3) Malpractice Liability Insurance. The costs of such protection will also vary greatly by physician specialty. Private practice corporations treat this as a direct cost and it is generally subtracted from gross fee generated income prior to any further distribution. In institutionally-administered plans, these costs may or may not be subtracted prior to further distribution.
- (4) Confidentiality of records. Plans administered by private practice corporations may or may not be required to disclose the details of their financial transactions -- fees, salaries, incentive earnings, etc. While most private corporations cannot be required to make public disclosure in these matters, the close connection between a practice organization and the public institution, and the use of public-owned facilities, might compel this under current Ohio law.

If a plan is institutionally-administered, it would appear that Ohio law requires that all such data be matters of public record.

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (5) Determination of Direct and Indirect Costs. One of the problems to be solved in the O.S.U. FY 1978-1979 budget cycle -- regardless of the form of Practice Plan adopted -- is a more precise determination of those direct and indirect costs associated with fee-generating patient treatment. The Office of Budget and Resources Planning should assign one or more analysts to work with the College of Medicine fiscal personnel to arrive at these costs. This preliminary analysis should begin at once.
- (6) Compensation for Resident Staff. As part of the development of a Practice Plan, a more definitive policy regarding the source of support for the compensation of house officers should be prepared and put into effect.
- (7) Distribution of Funds for College Improvement. It is clear that some departments have far greater potential to generate fee income than do others. As was pointed out in the 1973 accreditation study cited at pages 5-6 of this Report, this creates a substantial danger of "uncontrolled growth of high - vs. - low earning departments." This study also warned that "the emphasis on earning from practice can also jeopardize teaching and research development."

Accordingly, we believe that through whatever method funds are returned from practice income to the College of Medicine, such funds should be centrally administered by the Dean of the College to ensure that the best interests of the College as a whole -- in the fulfillment of its teaching and research missions as well as its patient care mission -- are advanced.

IV. Recommendations

- (1) That the University Trustees and administration develop a draft Practice Plan to be used as a basis for consultation with the medical faculty. For many reasons it is apparent that the medical faculty is not likely to develop an acceptable Practice Plan on its own initiative. The lengthy history of desultory deliberations on this matter demonstrates this fact. Moreover, the fiscal and operational issues involved are extremely complex. The Trustees and administration should therefore proceed on this matter expeditiously.
- (2) That the President appoint an administrative "team" to assume staff responsibility for this matter, with a deadline for producing a working draft Practice Plan of January 1, 1978. Such a "team" might include a Trustee, a representative of the Office of the President, a representative of the Office of Academic Affairs, and a representative of the Office of Budget and Resources Planning.
- (3) That the President contract with such consultant or group of consultants as he may deem necessary to prepare this draft Practice Plan.

September 9, 1977 meeting, Board of Trustees

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (4) That a Practice Plan be adopted and put into effect during the fiscal year which begins July 1, 1978, but only after full and open consultation with the medical faculty. There is a widespread view -- particularly among the medical faculty itself -- that further delay in the implementation of a Practice Plan not only will serve no useful purpose, but may in fact be disruptive of working relationships within the College of Medicine and University Hospitals. Accordingly, the timetable for the development and implementation of such a Practice Plan should be accelerated.

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PRACTICE PLAN FOR THE COLLEGE OF MEDICINE

Statement by Mr. John Gushman, Chairman of the Board of Trustees,
The Ohio State University

At the President's suggestion, Dr. Sirak and I spent a day with him in Washington recently to learn more about Practice Plans. We met and had very useful discussions with Dr. John Cooper, President of the Association of American Medical Colleges and Dr. Ronald Kaufman, Vice President for Medical Affairs at George Washington University. What we learned there served to strongly confirm our view that a Practice Plan for our College of Medicine is badly needed and long overdue. Other major medical centers have Practice Plans, and we need to get on with the job of developing one for Ohio State.

I have also reviewed the report that has been prepared by Mr. Collier and our staff concerning this matter, and I could not agree with the President more. I believe that a copy of this report should be sent to the members of the medical faculty. Years of deliberations have produced absolutely nothing, and unless we take responsibility to act ourselves, the future holds no promise that anything will ever be accomplished.

I do not believe that any further Board action is required at this time to implement the actions you have outlined, but I believe that I speak for my colleagues when I state that you and your staff continue to have our full support on this matter. We look forward to your future reports as to the progress of our work on this problem, and will be prepared to take action at such time as it is called for.

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REPORT ON ENROLLMENT

Statement by President Enarson

We are all set to begin another Autumn Quarter on September 20 and I thought the members of the Board would be interested in knowing where we are on enrollment, as well as what other preparations we have made for the new academic year.

September 9, 1977 meeting, Board of Trustees

REPORT ON ENROLLMENT (contd)

Statement by President Enarson (contd)

An analysis of available data suggests that total University enrollments for Autumn, 1977, should be approximately the same as Autumn, 1976. There may be some increases in graduate and professional students and a small decrease in total undergraduate students, primarily because retention rates for undergraduates appeared to decrease during the 1976-77 academic year.

For the Columbus campus, it now appears that about 7,300 new first quarter freshmen will be enrolled, an increase of 400 over Autumn, 1976. Also a total of 900 freshmen and sophomore transfers are expected, up over 200 from Autumn, 1976. Junior and senior transfers should be up 300 from our Autumn, 1976 figure.

The retention rate of students previously enrolled in 1976-77 will, of course, affect the total number of students on campus this coming year. We do not yet know if the 1976-77 decrease in retention will continue in 1977-78.

A great deal of effort has been made by various offices on campus to minimize problems associated with the opening of a new academic year. Our Residence and Dining Halls, University College, University Public Safety, Registration Services and Treasurer's Office staffs, as well as other student services areas, have worked closely in this effort.

It now appears that our dormitories will be full, with move-in day scheduled for September 16. We will have extended hours at the various student service areas during this peak period. Efforts have been concentrated on reducing potential lines in these areas of Lincoln Tower; if students do stand in line, which we have made every effort to avoid, they will be able to watch silent movies while they wait.

On Sunday, September 18, a 'Welcome Day '77' for new students has been scheduled to assist faculty, staff and new students to get to know one another. There will be everything from volleyball, football, frisbee, ice cream sundaes, musical entertainment, information booths and displays, to roving artists and a showing of 'My Little Chickadee.'

We also have under way physical modifications that are designed to improve the traffic flow in critical areas at two intersections on campus. We anticipate the completion of these two improvements -- which are at 12th and Neil Avenues and Cannon Drive at Stadium Drive -- in time to accommodate the heavy traffic associated with the opening of school. Also we will be opening a new parking ramp on 11th Avenue.

All in all, it looks like we are well prepared and ready for the students.

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September 9, 1977 meeting, Board of Trustees

**COMMENTS - DANA LEE, PRESIDENT OF THE UNDERGRADUATE
STUDENT GOVERNMENT**

Dana Lee, President of the Undergraduate Student Government, reported that a letter had been sent to the Trustees explaining the Undergraduate Student Government's policy for the coming year in which he expressed a desire to work with the administration and faculty. He invited the Trustees and their families to attend "Welcome Day '77."

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Thereupon the Board adjourned to meet Friday, October 7, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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

Columbus, Ohio, October 7, 1977

The Board of Trustees met at its regular monthly meeting on Friday, October 7, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Howard D. Sirak, Patricia D. James, Warren J Smith, John D. Jacob, and Donald J. Hilliker.

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Minutes of the last meeting were approved.

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October 7, 1977 meeting, Board of Trustees

RESOLUTION IN MEMORIAM

Resolution No. 78-30

Synopsis: Resolution honoring the service of one of this University's faculty members who has recently died.

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 Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Dorothy G. Permar

The Board of Trustees of The Ohio State University expresses its sorrow at the death on September 10, 1977, of Dorothy G. Permar, Professor Emeritus of Oral Biology in the College of Dentistry.

Miss Permar received her M.S. degree from Michigan State University in 1927, where she served as a Graduate Assistant in Zoology until 1929. She then became a Fellow in Genetics at the University of Wisconsin. In 1930, she was an Instructor in Biology at Wilson College. In 1940, she became a Research Assistant at the College of Dentistry of The Ohio State University where she joined the faculty as an Instructor in 1943. Miss Permar became a Professor in 1967 and retired on June 30, 1973.

Miss Permar was a distinguished teacher and the author of several books in the field of dentistry. She was a member of Sigma Xi, Sigma Alpha, Omicron Kappa Upsilon, and Sigma Delta Epsilon.

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 as an expression of the Board's heartfelt sympathy.

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October 7, 1977 meeting, Board of Trustees

BUDGET SUMMARY (LAST FISCAL QUARTER, 1977)

Resolution No. 78-31

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, 1977 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% and the budget expenditure figures by 0.5% from the third quarter budget; and

WHEREAS for the Columbus campus the variations were 0.8% and 0.6% for income and budget expenditures, respectively; and

WHEREAS the differences between budget/expenditures and income totals, due primarily to normal cash flow fluctuations, capital expenditure replacements, and need for working capital in our earnings operations, was 1.4%:

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter for the fiscal year ending June 30, 1977, be accepted.

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

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**MOTOR VEHICLE, TRAFFIC, AND PARKING REGULATIONS
OF THE OHIO STATE UNIVERSITY**

Resolution No. 78-32

Synopsis: Modification of Motor Vehicle, Traffic and Parking Regulations of The Ohio State University is being proposed.

WHEREAS on September 6, 1974, at the request of the University's Administration, this Board established the "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University"; and

THE OHIO STATE UNIVERSITY
 Current Funds Budget
 Actual Expenditures/Budgets
 1976-77

October 7, 1977 meeting, Board of Trustees

	Estimated*	Actual*
	1976-77	1976-77
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$126,296	\$124,655
Libraries	6,578	6,662
Other Academic Support	2,092	1,996
Sponsored Programs Administration	1,945	1,946
Student Services	6,319	6,624
Plant Operation and Maintenance	20,131	20,532
Institutional Support	17,091	16,595
Total Instruction and General	\$180,452	\$179,010
Research		
Research Foundation	\$ 18,956	\$ 19,377
Engineering Experiment Station	2,111	2,578
University Sponsored Programs	739	867
Other	2,377	2,101
Total Research	\$ 24,183	\$ 24,923
Public Service		
University Hospitals	\$ 68,858	\$ 69,176
Cooperative Extension Service	16,341	16,699
Other	13,654	13,150
University Sponsored Programs	2,393	2,531
Conferences	1,700	1,907
Total Public Service	\$102,946	\$103,463
Scholarships and Fellowships	\$ 5,397	\$ 5,225

* Figures in thousands.

THE OHIO STATE UNIVERSITY
 Current Funds Budget
 Actual Expenditures/Budgets
 1976-77

October 7, 1977 meeting, Board of Trustees

	Estimated*	Actual*
	1976-77	1976-77
Auxiliaries		
Student Housing	\$ 16,920	\$ 17,164
Intercollegiate Athletics	6,824	6,972
University Bookstores	4,023	4,443
Student Health Service	2,038	2,053
Student Unions	2,068	2,018
Parking Facilities	1,803	1,363
University Airport	1,608	1,268
Fawcett Center for Tomorrow	1,196	1,189
Other	757	682
Total Auxiliaries	\$ 37,237	\$ 37,152
Total Columbus Campus	\$350,215	\$349,773
Regional Campuses		
Administration	\$ 160	\$ 132
Lima Campus	1,978	1,908
Mansfield Campus	2,028	1,977
Marion Campus	1,218	1,250
Newark Campus	1,810	1,727
Agricultural Technical Institute	1,816	1,913
Wright Patterson Graduate Center	210	191
Total Regional Campuses	\$ 9,220	\$ 9,099
Non-Current Expenditures	-0-	2,502
Grand Total	\$359,435	\$361,374

* Figures in thousands.

THE OHIO STATE UNIVERSITY
 Current Funds Budget
 Actual Income in Support of
 Expenditures/Budgets
 1976-77

October 7, 1977 meeting, Board of Trustees

	Estimated*	Actual*
	1976-77	1976-77
Columbus Campus		
Government Appropriations		
State of Ohio	\$120,050	\$120,576
Federal	44,759	44,061
County	3,887	4,292
Subtotal	\$168,696	\$168,929
Student Fees		
Instructional and General	\$ 48,715	\$ 48,929
Room and Board	13,880	13,850
Other	1,910	2,142
Subtotal	\$ 64,505	\$ 64,921
Other Income		
Auxiliary Sales and Charges	\$ 88,445	\$ 88,503
Departmental and University Services	15,914	16,783
Endowment Income	2,759	2,902
Gifts and Grants	10,900	12,013
Temporary Investments	2,000	2,080
Subtotal	\$120,018	\$122,281
Total Columbus Campus	\$353,219	\$356,131

* Figures in thousands.

THE OHIO STATE UNIVERSITY
 Current Funds Budget
 Actual Income in Support of
 Expenditures/Budgets
 1976-77

October 7, 1977 meeting, Board of Trustees

	Estimated*	Actual*
	1976-77	1976-77
Regional Campuses		
Lima Campus	\$ 2,278	\$ 2,193
Mansfield Campus	2,368	2,285
Marion Campus	1,398	1,478
Newark Campus	2,069	2,035
Agricultural Technical Institute	2,088	2,136
Wright Patterson Graduate Center	210	141
Total Regional Campuses	\$ 10,411	\$ 10,268
Grand Total	\$363,630	\$366,399

* Figures in thousands.

October 7, 1977 meeting, Board of Trustees

**MOTOR VEHICLE, TRAFFIC, AND PARKING REGULATIONS
OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS, the Board is now being requested to approve additional revisions in the "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University" relating to traffic and parking regulations on the campus and a modified schedule of assessments for parking infractions and the appeals procedures for persons in violation of the parking and traffic regulations:

NOW THEREFORE

BE IT RESOLVED, That the new code of "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University" be approved by the Board of Trustees.

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

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PERSONNEL ACTIONS

Resolution No. 78-33

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, 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 "Salary Roll" of the University since the September 9, 1977 meeting of the Board, including the following Retirement, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

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

Retirement

EDWARD C. MC DONAGH, Dean of the College of Social and Behavioral Sciences, has indicated his intention to retire from the University at the end of this academic year.

October 7, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: RICHARD TALBOT STOUT
Title: Kiplinger Visiting Professor
School: Journalism
Effective: October 1, 1977
Salary: \$22,500.00 (October 1, 1977 through June 30, 1978)
Present Position: Freelance writer, editor, political consultant

Name: ALBERT SHAPERO
Title: Professor (William H. Davis Professorship)
Department: Management Sciences
Effective: October 1, 1978
Salary: \$36,000.00 (Three quarters service)
Present Position: Professor of Management, University of Texas at Austin

Leaves of Absence Without Salary

ROBERT L. CHAZAN, Professor, Department of History, effective January 1, 1978 through September 30, 1978, to serve as a Fellow of the Institute for Advanced Study.

OSCAR RONALD DATHORNE, Professor, Departments of English and Black Studies, effective October 1, 1977 through September 30, 1978, to do further research on his book, *Dark Ancestor*.

WILLIAM MOLNAR, Professor, Department of Radiology, effective January 1, 1978 through February 28, 1978, for personal reasons.

CHARLES A. MOORE, JR., Professor, Department of Civil Engineering, effective October 1, 1977 through September 30, 1978, to serve as Visiting Professor at Cornell University.

ROBERT L. NORDSTROM, Professor, College of Law, effective October 1, 1977 through September 30, 1978, to work with a law firm.

E. PAUL TAIGANIDES, Professor, Department of Agricultural Engineering, effective July 1, 1977 through December 31, 1977, to manage a research project.

HERBERT F. WEISBERG, Professor, Department of Political Science, effective January 1, 1978 through March 31, 1978, to accept a Visiting Professorship at the University of California at Irvine.

THOMAS G. DELUTIS, Associate Professor, Department of Computer and Information Science, effective October 1, 1977 through September 30, 1978, to work with Boeing Computing Service and System Research Corporation.

October 7, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

ALAN M. HAUSMAN, Associate Professor, Department of Philosophy, effective October 1, 1977 through September 30, 1978, to serve as Visiting Associate Professor at Denison University.

TOD F. STUESSY, Associate Professor, Department of Botany, effective October 1, 1977, through September 30, 1978, to serve as Associate Program Director for Systematic Biology, National Science Foundation, Washington, D. C.

FRANK W. BRUMFIELD, Assistant Professor, College of Dentistry - Periodontics, effective July 23, 1977 through August 7, 1977, to fulfill military obligations.

ROBERT A. BURNS, Assistant Professor, College of Dentistry - Oral Pathology, effective July 23, 1977 through August 7, 1977, to fulfill military obligations.

WILLIAM S. DANCEY, Assistant Professor, Department of Anthropology, effective October 1, 1977 through September 30, 1978, to serve as a Research Associate at the University of Washington Public Archaeology.

A. M. JAKOVLJEVIC, Assistant Professor, School of Music, effective October 1, 1977 through December 31, 1977, for personal reasons.

MILAP C. NAHATA, Assistant Professor, College of Pharmacy, effective November 14, 1977 through December 13, 1977, for personal reasons.

J. T. STEVENS, Assistant Professor, Newark Campus, effective October 1, 1977 through September 30, 1978, to engage in a program of professional improvement.

Professional Improvement Leaves

NATHAN S. FECHHEIMER, Professor, Department of Dairy Science, effective October 1, 1977 through March 31, 1978.

GEORGE L. STABY, Professor, Department of Horticulture, effective October 15, 1977 through April 15, 1978.

Emeritus Titles

QUENTIN VAN WINKLE, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1977.

GEORGE E. MAC WOOD, Department of Chemistry, with the title Associate Professor Emeritus, effective September 1, 1977.

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October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-34

Synopsis: The report on contracts, grants, and gifts and the summary for August is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of August, 1977, be approved.

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

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF ACTIVITIES - FY 1977**

Dr. Kuhn reported a total income of \$28.2 million resulted from 595 contract and grant awards made to the Research Foundation during FY 1976-77. This record income of about \$4 million is 16.5 percent ahead of the income realized from 527 awards in FY 1975-76, and \$2.5 million ahead of income realized from 573 awards in FY 1974-75.

Analysis of awards by sponsor agencies reveals that about 68 percent of the \$4 million increase is the result of 12.5 percent increase in awards from federal agencies. Notable for their contribution to the total federal increase are the National Science Foundation and Department of Defense which together provided \$2.5 million more to OSU than they awarded in FY 1975-76. Awards from non-federal sponsors increased about \$1.3 million or approximately 49 percent when compared by 1975-76.

Two important trends continue to affect data on federal awards. One is the leveling out of support from DHEW, the largest federal sponsor of research and related activities at OSU. The other is continuing growth in support from DOD and record levels of awards from NSF.

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

SUMMARY FOR AUGUST, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	15	\$2,254,088.00
The Ohio State University Research Foundation	61	2,249,408.00
The Engineering Experiment Station	1	6,730.00
		\$4,510,226.00
The Ohio State University Development Fund	3,827 Donors	\$ 641,424.89
 Establishment of Named Funds		
Dorothy M. Bennett and Clark L. Bennett Medical Research Fund (College of Medicine)		\$411,441.00
The William Henry Watson, Jr., Memorial Endowment Fund (University College)		3,000.00

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$1,681,875.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for eligible demolition, design, construction, and fixed equipment for a Cancer Center Laboratory Building located on the campus of The Ohio State University, College of Medicine - Comprehensive Cancer Center, effective September, 1977. (Grant No. 1 C06 CA 21739-01)

\$174,549.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Occupational and Adult Education Branch, Washington, D. C., for Trial Implementation of a Model System to Provide Military Curriculum Materials for Use in Vocational and Technical Education, The Center for Vocational Education, August 15, 1977 through August 14, 1978. (Contract No. 300770329)

\$121,628.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., for Relating the Capabilities of the Handicapped to the Human Attribute Requirements of Jobs, The Center for Vocational Education, July 1, 1976 through June 30, 1978. (Grant No. G007603970)

\$94,853.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., National Rural Career Guidance Communications Network, The Center for Vocational Education, September 1, 1977 through November 30, 1978. (Grant No. G007702133)

\$85,624.00 - United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., for Law Enforcement Education Program, Student Financial Aids, August 1, 1977 through July 31, 1978. (Grant No. 77-LP-05-0124)

\$10,000.00 - National Endowment for the Arts, Washington, D. C., for purchase of two or more works of American artists, College of The Arts, July 1, 1977 through June 30, 1978. (Grant No. R70-20-371)

TOTAL - FEDERAL CONTRACTS/GRANTS \$2,168,529.00

State of Ohio Contracts/Grants

\$20,000.00 - Ohio Historical Society, Historic Preservation Office, Columbus, Ohio, for the Historical Preservation Regional Center (Ashland, Wayne and Knox Counties), Mansfield Regional Campus, July 1, 1977 through June 30, 1978.

October 7, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$1,500.00 - State of Ohio, Board of Regents, Columbus, Ohio, for Training Trainers: An Interpretation of the Findings of The Citizens' Committee for Human Services, Office of Educational Services, Division of Continuing Education, effective October 29, 1976. (Project No. 77-944-011)

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$21,500.00

Industrial and Other Contracts/Grants

\$21,000.00 - Licking County Welfare Department, Newark, Ohio, for providing 955 additional instructional visits, Newark Regional Campus, June 30, 1977 through June 29, 1978. (No. 45 76 0532, Amendment No. 3)

\$19,414.00 - Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, for conducting courses for 17 enrollees during two quarters and coordinating instructional program of same, College of Education, April 4, 1977 through September 1, 1977. (City of Columbus/CMACAO Contract No. 305163)

\$9,119.00 - University of Massachusetts, Institute for Governmental Services, Amherst, Massachusetts, for Ninth Grade Exploratory Clusters Program, The Center for Vocational Education, December 3, 1976 through August 31, 1977.

\$5,000.00 - State of Illinois, Board of Education, Office of Education, Springfield, Illinois, for developing and printing 400 copies of a Career Education Resource Publication, The Center for Vocational Education, June 1, 1977 through September 30, 1977.

\$4,526.00 - State of Illinois, Board of Education, Office of Education, Springfield, Illinois, for developing and printing 400 copies of a Career Education Resources Utilization Publication, The Center for Vocational Education, June 1, 1977 through September 30, 1977.

\$3,750.00 - World Health Organization, Avenue Appia - 1211 Geneve 27, Switzerland, for support of WHO Collaborating Centre on Biological Control of Vectors of Human Disease, Department of Entomology, for the year 1977.

\$1,250.00 - World Health Organization, Avenue Appia - 1211 Geneve 27, Switzerland, for computerization of records and accessions of biological control of agents of arthropods, Department of Entomology, for the year 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$64,059.00

October 7, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$174,900.00 - National Science Foundation, Washington, D. C., Evaluation and Testing of NSF-RANN Sponsored Land Use Modeling Projects with Ohio as a Test Case, Department of City and Regional Planning, 15 August 1977 through 30 November 1978. (Project 710680 - New)

\$153,850.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Vocational Education Personnel Development Program, Academic Faculty of Vocational-Technical Education, 1 August 1977 through 31 August 1978. (Project 710662 - New)

\$150,000.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing, 1 August 1977 through 31 July 1978. (Project 710647 - New)

\$95,000.00 - Environmental Protection Agency, Washington, D. C., Application of Fourier Transform Spectroscopy to Air Pollution Problems, Department of Physics, 15 July 1977 through 14 July 1978. (Project 710604 - Modification No. 3)

\$85,000.00 - National Science Foundation, Washington, D. C., Flavonoid Studies of North American Species of the Genus *Coreopsis*, Department of Botany, 1 August 1977 through 31 July 1979. (Project 710633 - New)

\$83,399.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Serous Otitis Media: Immunochemical and Electron Microscopic Investigation, Department of Otolaryngology, 1 September 1977 through 31 August 1978. (Project 710648 - Extension No. 7)

\$83,211.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Clinical-Pathologic Studies of Sudden Cardiac Death, Department of Preventive Medicine, 30 June 1977 through 29 June 1978. (Project 710541 - Extension No. 2)

\$80,477.00 - National Aeronautics and Space Administration, Washington, D. C., Training Grant for Support of Specialized Post M.D. Training in Aerospace Medicine, Department of Preventive Medicine, 1 September 1977 through 31 August 1978. (Project 710663 - New)

\$78,400.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics, 1 October 1975 through 30 September 1978. (Project 784315 - Letter dated 29 July 1977)

October 7, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$66,103.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover, Department of Physiological Chemistry, 1 August 1977 through 31 July 1978. (Project 710645 - Extension No. 4)

\$59,400.00 - Department of the Navy, Naval Weapons Center, China Lake, California, Extension of Mathematical Model for Determining Near Zone Backscattered Fields from a Ship and Ocean Surface, ElectroScience Laboratory, Department of Electrical Engineering, 15 August 1977 through 18 May 1978. (Project 710660 - New)

\$53,412.00 - Department of Health, Education, and Welfare, Office of Human Development, Public Services Administration, Region V Office, Chicago, Illinois, Short Term Child Welfare Training Project, College of Social Work, 1 July 1977 through 30 June 1978. (Project 710658 - New)

\$50,965.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, A Phytochemical Search for Medicinal Constituents, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710661 - Extension No. 2)

\$50,500.00 - National Science Foundation, Washington, D. C., Measurement of Shape in Geography and Cartography, Department of Geography, 1 July 1977 through 30 September 1978. (Project 710642 - New)

\$49,744.00 - 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 Extrapyramidal Systems, Department of Anatomy, 1 September 1977 through 31 August 1978. (Project 710687 - Extension No. 9)

\$47,915.00 - Environmental Protection Agency, Washington, D. C., Influence of Metallurgical and Operating Variables on Scaling and Corrosion in Water Reuse, Recycling, and Treatment Systems in Integrated Steel Plants, Department of Metallurgical Engineering, 5 September 1977 through 4 September 1978. (Project 710688 - New)

\$45,522.00 - Department of Health, Education, and Welfare, Office of Human Development, Public Services Administration, Region V Office, Chicago, Illinois, Comprehensive Social Work Education for the Field of Child Welfare, College of Social Work, 1 July 1977 through 30 June 1978. (Project 710659 - New)

October 7, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$44,800.00 - National Science Foundation, Washington, D. C., The Local Theory of Banach Spaces, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 710637 - New)

\$44,000.00 - National Science Foundation, Washington, D. C., Crystalline Field Ordering, Quantum Diffusion, and Heat Pulse Propagation in Solid Hydrogen, Department of Physics, 1 July 1976 through 30 June 1978. (Project 784462 - Sponsor letter dated 26 July 1977)

\$43,370.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Rotor Flow Field Research in Low Speed Helicopter Flight, Department of Mechanical Engineering. (Project 784461 - Letter dated 9 May 1977)

\$39,705.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Fellowships, Graduate School, 1 July 1977 through 30 June 1978. (Project 710579 - New)

\$39,200.00 - National Science Foundation, Washington, D. C., The Effect of Weak Coriolis Forces in the Flow of a Stratified Fluid, Department of Aeronautical and Astronautical Engineering, 15 July 1977 through 31 July 1979. (Project 710640 - New)

\$38,527.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology, 1 September 1977 through 31 August 1978. (Project 710667 - New)

\$37,506.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Monte Carlo Calculations of Polypeptide and Nucleic Acid Conformations, Department of Biochemistry, 1 June 1977 through 31 May 1978. (Project 784735 - New)

\$37,500.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784508 - Modification No. P00006)

\$31,884.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biochemical Applications of Osmium Chemistry, Department of Biochemistry, 1 September 1977 through 31 August 1978. (Project 710681 - Extension No. 3)

October 7, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$26,500.00 - Brookhaven National Laboratory, Long Island, New York, Study of Repair Mechanisms in Carcinogenesis, Department of Radiology, 1 July 1975 through 30 June 1978. (Project 784250 - Amendment No. 3)

\$20,000.00 - Energy Research and Development Administration, Washington, D. C., Recovery of Ultrafine Coal Particles by Microflotation, Department of Civil Engineering, 1 August 1977 through 30 September 1978. (Project 710643 - New)

\$17,757.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Tetrahydroisoquinolines and Alcohol Dependence, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710686 - Extension No. 1)

\$16,450.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Early Run Time Estimation, Department of Computer and Information Science, 1 August 1977 through 31 July 1978. (Project 710631 - New)

\$16,300.00 - National Science Foundation, Washington, D. C., The Systematics and Chemistry of the Fish-Poison Containing Plant Genus *Clibadium* (Compositae, Heliantheae), Department of Botany, 15 July 1977 through 31 July 1980. (Project 710607 - New)

\$16,056.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Establish Viral Reagent Testing Laboratory, Department of Medical Microbiology. (Project 784505 - Modification No. 1)

\$14,670.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses Entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services. (Project 784378 - Modification No. P00007)

\$14,537.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Processing Systems from a DBMS and User Perspective, Department of Computer and Information Science, 1 August 1977 through 31 October 1977. (Project 710632 - New)

\$13,700.00 - National Science Foundation, Washington, D. C., The Dedekind Finite Cardinal Hypothesis, Department of Mathematics, 1 July 1977 through 30 June 1979. (Project 710646 - New)

October 7, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$13,272.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Department of Preventive Medicine. (Project 710628 - Revision No. 1)

\$13,200.00 - National Science Foundation, Washington, D. C., Approximation Theory and Orthogonal Polynomials, Department of Mathematics, 1 May 1976 through 30 June 1978. (Project 784388 - Letter dated 28 July 1977)

\$12,796.00 - Department of the Army, Buffalo District, Corps of Engineers, Buffalo, New York, Great Lakes Shoreline Damage Survey for the State of Ohio - Phase II, Department of Civil Engineering, 15 December 1976 through 31 December 1977. (Project 710532 - Modification No. P00001)

\$10,000.00 - National Science Foundation, Washington, D. C., Representations by Integral Quadratic Forms, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 710638 - New)

\$9,900.00 - National Science Foundation, Washington, D. C., Representations of Coalgebras, Department of Mathematics, 1 July 1976 through 30 June 1978. (Project 784471 - Letter dated 25 July 1977)

\$8,392.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions, 1 September 1977 through 31 August 1978. (Project 710649 - New)

\$7,400.00 - Sandia Laboratories, Albuquerque, New Mexico, Investigation of the Thermal-Hydraulic Phenomena of Molten Core Interactions Following a Core Disruptive Accident in Nuclear Power Reactors, Department of Mechanical Engineering, 20 July 1977 through 6 September 1977. (Project 784756 - New)

\$3,900.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Systematic Biology, Department of Botany, 1 July 1977 through 30 June 1979. (Project 710641 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Agricultural Technical Institute (Wooster), University Libraries, 1 October 1977 through 30 September 1978. (Project 710650 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for The Ohio State University Libraries, University Libraries, 1 October 1977 through 30 September 1978. (Project 710651 - New)

October 7, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries, 1 October 1977 through 30 September 1978. (Project 710652 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries, 1 October 1977 through 30 September 1978. (Project 710653 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries, 1 October 1977 through 30 September 1978. (Project 710654 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries, 1 October 1977 through 30 September 1978. (Project 710655 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$2,022,250.00**

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

\$58,380.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry, 1 July 1977 through 30 June 1978. (Project 710657 - New)

\$53,577.00 - County of Franklin, Department of Welfare, Columbus, Ohio, Day Care Training Institute, Academic Faculty of Early and Middle Childhood Education, 8 July 1977 through 30 September 1977. (Project 710605 - New)

\$41,669.00 - County of Franklin, Department of Welfare, Columbus, Ohio, Needs Assessment Training, Academic Faculty of Early and Middle Childhood Education, 8 July 1977 through 30 September 1977. (Project 710606 - New)

\$23,890.00 - Electric Power Research Institute, Palo Alto, California, Two-Phase Fluid Scanning Gamma-Ray Densitometer, Department of Mechanical Engineering, 1 July 1977 through 31 December 1977. (Project 710639 - New)

\$10,183.00 - University of Colorado, Denver, Colorado, Study of Various Therapeutic Agent Effects on Crohn's Disease, Department of Medicine, 15 May 1972 through 31 December 1977. (Project 783496 - Modification No. 6)

October 7, 1977 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 - The National Foundation March of Dimes, White Plains, New York, Effect of Hypoxia on the Characteristics of an Integrative Neuronal Network in the Developing Brain, Department of Physiology, 1 July 1977 through 30 June 1978. (Project 710564 - Sponsor letter dated 26 July 1977)

\$6,480.00 - The Bexley Public Schools, Bexley, Columbus, Ohio, Assistance with Policy Analysis and Administration, Academic Faculty of Educational Administration, 1 September 1977 through 31 August 1978. (Project 710679 - New)

\$6,000.00 - American Cancer Society-Ohio Division, Cleveland, Ohio, Cyclic Nucleotides in Acute Monocytic Leukemia, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 710665 - New)

\$6,000.00 - American Cancer Society-Ohio Division, Cleveland, Ohio, Immunotherapy of Renal Cell Carcinoma, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 710666 - New)

\$5,000.00 - George Gund Foundation, Cleveland, Ohio, Educational Program Support of Ohio Quality of Work Project, Academic Faculty of Labor and Human Resources, 1 July 1976 through 31 March 1978. (Project 784527 - Letter dated 19 July 1977)

\$4,979.00 - Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response, Department of Medicine. (Project 783706 - Check received 28 July 1977)

\$1,000.00 - University of Minnesota, St. Paul, Minnesota, Childrens Information Processing of Television Advertising, Department of Communication. (Project 784600 - Sponsor letter dated 11 July 1977)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$227,158.00**

October 7, 1977 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Contract

\$6,730.00 - Junior League of Columbus, Ohio, Inc., Columbus, Ohio, for Guidelines for the Aesthetic Enhancement and the Unification of In-Town Residential Neighborhoods with Case Study Applications to the Town/Franklin Area of Columbus, Ohio, Department of Architecture, July 1, 1977 through December 31, 1977. (EES 570)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$68,849.00 from Pfizer, Inc., Groton, Connecticut--\$67,549.00 for the Clinical Pharmacology Fund; \$800.00 for the Pfizer Minority Award in Agriculture; and \$500.00 for the Microbial Genetics Bulletin Fund.

\$32,436.14 from Systems Associates, Columbus, Ohio--\$29,489.40 for the Department of Medicine General Fund and \$2,946.74 for the Cardiology Support Fund.

\$22,664.99 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$22,400.00 from Burroughs Wellcome Co., Research Triangle Park, North Carolina, for the Clinical Pharmacology Fund.

\$20,000.00 from Lybrand Foundation, Columbus, Ohio, for the Coopers and Lybrand Accounting Fund.

\$19,700.00 from The Peat, Marwick, Mitchell Foundation, New York, New York, for the Peat, Marwick, Mitchell & Company Fund in Accounting.

\$14,000.00 from Nephrology Associates, Columbus, Ohio, for Renal Disease Research.

\$12,250.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in Medicine.

\$10,000.00 from W. Stephen Nichols, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 from Robert V. O'Toole, M.D., Worthington, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$8,400.00 from INCO, Limited, New York, New York, for the International Nickel Company Fellowship Fund.

October 7, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$8,020.00 from Harley E. Rouda & Co. (given in the name of George W. Smith), Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$7,325.05 from Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$6,000.00 from The Lubrizol Foundation, Cleveland, Ohio--\$2,000.00 for the Lubrizol Foundation Fellowship Fund for Chemistry; \$2,000.00 for the Lubrizol Foundation Fellowship Fund for Chemical Engineering; \$1,000.00 for the Lubrizol Foundation Scholarship Fund for the Department of Mechanical Engineering; \$500.00 for the Lubrizol Foundation Scholarship Fund for the Department of Mathematics; and \$500.00 for the Lubrizol Foundation Scholarship Fund for the Academic Faculty of Accounting.

\$6,000.00 from Michael Van Aman, Columbus, Ohio, for the Department of Radiology Development Fund.

\$5,586.92 from Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates, M.D.), Columbus, Ohio, for the Eye Bank Fund.

\$5,000.00 from City National Bank & Trust Company, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Infectious Disease Research Fund.

\$5,000.00 from Phi Beta Psi Sorority, Greenwood, Indiana, for the Cancer Research Fund.

\$5,000.00 from Rohm and Haas Company, Philadelphia, Pennsylvania, for the Rohm and Haas Company Fund in Chemistry.

Establishment of Named Funds

Dorothy M. Bennett and Clark L. Bennett Medical Research Fund

The Dorothy M. Bennett and Clark L. Bennett Medical Research Fund was established October 7, 1977, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the late Dorothy Morris Bennett of Lima, Ohio.

October 7, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Dorothy M. Bennett and Clark L. Bennett Medical Research 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 scholarships limited to students specializing and showing aptitude and desire in the field of medical research in The Ohio State University College of Medicine. The selection of the recipients is to be made upon the recommendation of the Dean of the College of 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 medical education.

The William Henry Watson, Jr., Memorial Endowment Fund

The William Henry Watson, Jr., Memorial Endowment Fund was established October 7, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends, and colleagues in memory of the late William Henry Watson, Jr. Dr. Watson served as Associate Dean of University College and was instrumental in establishing the Developmental Education Program and services for students.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 recognize individuals who embody the ideals and personal qualities of Dr. William Henry Watson, Jr.--persons who are academic leaders who give inspiration to the ideals of human dignity, and whose actions exhibit a strong commitment to the development of professional competency and to the equality of opportunity for all.

All requisitions for funds for the awards will be approved by the Dean of University College, based upon the recommendations from the Committee on Developmental Education.

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

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October 7, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 78-35

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following project are presented for approval.

GOLF COURSE, REPLACEMENT OF PEDESTRIAN BRIDGE

Project: Replacement of pedestrian bridge at the No. 6 Scarlet tee and No. 7 Gray tee. The existing bridge has deteriorated and investigations indicate it would not be practical to repair.

Funding: Budget Account 316550 (Athletic Department Funds)

Estimated Project Cost: \$45,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

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 AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 78-36

Synopsis: Contracts have been awarded for two projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures for each of the following projects:

October 7, 1977 meeting, Board of Trustees

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

PARKING LOT EXPANSION, VIVIAN HALL AND SISSON HALL

Description: Expansion of parking lot at Vivian Hall by the addition of approximately 142 spaces, and the expansion of the parking lot at Sisson Hall by the addition of approximately 200 spaces.

General Contract

Date Received:	September 20, 1977
No. of Bids:	6
Low Bid:	\$146,150.00
High Bid:	\$193,500.00
Estimate of Cost:	\$147,000.00
Awarded to:	Baker Construction Company (Columbus, Ohio)

Electrical Contract

Date Received:	September 20, 1977
No. of Bids:	1
Low Bid:	\$ 23,910.00
Estimate of Cost:	\$ 25,500.00
Awarded to:	Electric Power Equipment (Columbus, Ohio)
Total All Contracts:	\$170,060.00
Total Contingency Allowance:	\$ 10,000.00 which is 6 percent of construction cost
Total Project Cost:	\$190,308.00
Funding:	Parking Income Account, Budget Account 016007

October 7, 1977 meeting, Board of Trustees

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

VIVIAN HALL, REPLACE PASSENGER ELEVATOR

Description: Replace obsolete passenger elevator.

General Contract

Date Received:	August 12, 1977
No. of Bids:	2
Low Bid:	\$49,850.00*
High Bid:	\$55,700.00
Estimate of Cost:	\$70,000.00
Awarded to:	Haughton Elevator Company (Columbus, Ohio)
Total Contract:	\$49,850.00

*Recommended Alternate reflected in this figure.

Total Contingency Allowance:	\$ 3,000.00 which is 6 percent of construction cost
Total Project Cost:	\$54,847.00
Funding:	Budget Account 210134-000 Contract Repair 77-78

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are hereby reported.

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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October 7, 1977 meeting, Board of Trustees

CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC

Resolution No. 78-37

Synopsis: Development of proposal for constructing a facility to house a Veterans Administration Clinic is being recommended.

WHEREAS the Veterans Administration has indicated their intention to relocate their clinic services currently located in campus facilities to a separate location which will enable them to combine all their clinics in Franklin County; and

WHEREAS the Veterans Administration has solicited this University's interest in providing a 60,000 gross square feet facility in support of this activity; and

WHEREAS such an association is of direct benefit to this University's programs in the medical sciences; and

WHEREAS this University has indicated an interest in accommodating this facility's requirement through construction of a building which would be leased to the Veterans Administration:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to develop and bring to this Board, after full consideration by the Fiscal Affairs Committee and Educational Affairs Committee, a funding program for the development and maintenance of a University facility which could be leased on a long-term basis to the Veterans Administration in support of the Veterans Administration clinical activities in this area.

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

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REPORT - FISCAL AFFAIRS COMMITTEE

Resolution No. 78-38

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.

Investment of \$6,000,000 in an Index Fund established through City National Bank of Columbus, Ohio

Appointment of The Chicago Corporation to counsel in the investment of \$12,000,000

October 7, 1977 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

Investment of \$5,000,000 with Neuberger & Berman in the following mutual funds:

\$2,000,000 Energy Fund
\$2,000,000 Guardian Mutual Fund
\$1,000,000 Partners Fund

Upon motion of Mr. Harrod, 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. 78-39

RESOLVED, That the report on the University's Investment Portfolio dated October 6, 1977, as submitted to the Fiscal Affairs Committee of the Board of Trustees be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, November 4, 1977, at The Ohio State University - College of Medicine, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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

Columbus, Ohio, November 4, 1977

The Board of Trustees met at its regular monthly meeting on Friday, November 4, 1977, at The Ohio State University, College of Medicine Administration Center, 370 West Ninth Avenue, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Howard D. Sirak, Patricia D. James, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

November 4, 1977 meeting, Board of Trustees

THANKS EXPRESSED BY MR. GUSHMAN

Mr. Gushman noted that the meeting was being held in the College of Medicine Administration Center and expressed thanks to the College of Medicine personnel and the Department of Physical Facilities for the tour of new construction in process in the medical area. Mr. Gushman said "It is a substantial investment for this University, and I know the rest of the Trustees join with me in thanking all of those who made it possible for us to see some of the results of the money we appropriated and we will be glad to see the finished product later."

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RESOLUTIONS IN MEMORIAM

Resolution No. 78-40

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

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.

Edna M. Callahan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 21, 1977, of Edna M. Callahan, Professor Emeritus in the Cooperative Extension Service.

Miss Callahan was born in Columbus, Ohio, on November 18, 1893. She attended East High School in Columbus and graduated in 1912. Following high school she attended The Ohio State University, graduating with a Bachelor of Science in Home Economics degree in 1917. Graduate work was pursued later at Columbia University and the University of Chicago, where she received her Master's degree in 1926. Additional graduate education was pursued at later dates at The Ohio State University.

Miss Callahan was employed as a home economics teacher in the Columbus City School System from 1917 to 1920. On September 1, 1920, Miss Callahan was employed as a specialist in clothing for the Ohio Cooperative Extension and remained in that position until her retirement on December 31, 1957. Since that time she had continued to make her home in Columbus, always in close association with other members of her family.

Miss Callahan was best known for her writings and teachings related to the 4-H clothing projects. She pioneered the development of 4-H clothing projects in the early years. Her discerning judgment of the clothing needs of girls was always invaluable. She had a rare ability and uncanny knack of translating useful subject matter into a pattern that fits the needs and interests of 4-H members. She was always capable of cooperating wisely with co-workers,

November 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edna M. Callahan (contd)

both in the state office and across the state in county extension positions. She was an excellent teacher and organized her material well. As recognition for her outstanding contributions to educational programs, Miss Callahan received the USDA Superior Service Award in 1953.

On behalf of the University Community, the Board of Trustees expresses its deepest sympathy to the family of Miss Callahan. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and copies be tendered to the family of Miss Callahan as sincere appreciation for the life she lived and the realization of the loss to her family, friends, associates, and The Ohio State University.

George Remington Havens

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 28, 1977, of George Remington Havens, Professor Emeritus of Romance Languages. Professor Havens retired on June 30, 1961, following 42 years of distinguished service to the University.

Born in 1890, Professor Havens received his Bachelor of Arts degree from Amherst College in 1913 and his Doctor of Philosophy degree from Johns Hopkins University in 1917. During World War I he served in the American Army in France. He joined the faculty of The Ohio State University as Assistant Professor in 1919 and became a Professor in 1921, a post which he held until his retirement.

Professor Havens was one of the most distinguished scholars the Department has ever had. Along with Professor Ira Wade of Princeton and Professor Norman Torrey of Columbia, he was a giant in the field of 18th century French literature, internationally famous through his numerous books and articles. During his sixteen years of retirement he continued his scholarly research as few others have done. At the time of his death he was awaiting the proof of three books, which had already gone through press. His most widely known work, *The Age of Ideas*, is a masterly account of French history and literature of the 18th century.

He was a very fine teacher and an excellent lecturer. The careful and thoughtful training he gave the graduate students who prepared M.A. theses and Ph.D. dissertations under his supervision made him numerous and firm friends among his former students, a number of whom, through his influence and inspiration, become very active in the field.

During his long years of service at Ohio State he was not only a great force in shaping the destinies of the Department but also of the University. As a member of the Library Committee, he was very influential in the building up of the University Library at a time when it was in its very early stages. He was instrumental in establishing the University Press. He was also one of the founders of the Faculty Club. On the national scene he was very active in the Modern Language Association of America.

November 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

George Remington Havens (contd)

On behalf of the University, the Board of Trustees expresses to the family its 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. Wilbur L. Marshall

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 9, 1977, of Dr. Wilbur L. Marshall, Associate Professor Emeritus in the College of Dentistry.

Dr. Marshall attended Notre Dame University and received his D.D.S. degree from The Ohio State University College of Dentistry in 1926. He was appointed Instructor in the College of Dentistry in 1926, Assistant Professor in 1940 and Associate Professor in 1949. He retired June 30, 1967. He also had a private practice in Columbus.

Dr. Marshall was a member of the Columbus Dental Society, the Chicago Dental Society, the Ohio Dental Association and the American Dental Association. He was also a member of Phi Beta Kappa and Omicron Kappa Upsilon a dental honor 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.

Ralph W. Munger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 26, 1977, of Ralph W. Munger, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Munger was born January 28, 1882, in Xenia, Ohio. He attended Beaver Creek schools in Greene County. He enrolled in the College of Agriculture at The Ohio State University and received his Bachelor of Science in Agriculture degree in 1907. Until 1915 he was engaged in farming. From 1915 to joining the Extension faculty he was in charge of the seed department of the Alpha Grain and Seed Company in Alpha, Ohio. In 1918 he joined the faculty of The Ohio State University as County Agricultural Agent in Shelby County. Graduate education was performed at The Ohio State University, Colorado State College and Oregon State College.

Mr. Munger retired June 30, 1952 culminating over 33 years of dedicated service to the citizens of Shelby County. Throughout his career he was a dedicated and highly respected agricultural leader. He was known and respected by his peers on the Extension faculty

November 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ralph W. Munger (contd)

throughout the State. His quiet and effective leadership and contributions to the agriculture interests of Shelby County and the State of Ohio are well remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Munger 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 the family, the University and his many friends and associates have sustained.

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BUDGET SUMMARY (FIRST QUARTER, 1977-78)

Resolution No. 78-41

Synopsis: First Quarter Budget Summary, 1977-78 is presented for review and acceptance.

This Budget Summary for the first quarter, 1977-78 contains revised estimates, primarily for Restricted Funds, of resource and expenditure projections as actual data have become available for the July-September period. No changes to the July 1977 Budget Revision have been made for the core Unrestricted Fund estimates of the Columbus Campus. This summary is characterized by minor changes in the Unrestricted Fund estimates of the Regional Campuses, downward revisions in the Restricted Fund estimates representing expected changes in the volume of grants and contracts to be received, net upward revisions in the auxiliary and earning operations income/expense projections reflecting changes in volume of activity.

WHEREAS the first quarter report of the 1977-78 Current Funds Budget, covering the period July through September 1977, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one-tenth of a percent from the 1977-78 Budget approved by the Board in July, 1977.

NOW THEREFORE

BE IT RESOLVED, That the accompanying first quarter budget report be accepted.

Dr. Vandament reported that his staff is working on a revised format for presenting the budget information in the future, and that he hoped to have a proposed format ready to submit to the chairman in a short time.

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

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THE OHIO STATE UNIVERSITY
 1977-78 Current Funds Budget
 Budgeted Expenditures for 1977-78
 (In Thousands)

	Budget Approved July 22, 1977	Proposed Revised Budget November 4, 1977
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$133,096	\$132,886
Libraries	7,126	7,355
Other Academic Support	2,330	2,344
Sponsored Programs Administration	2,070	2,070
Student Services	6,841	6,841
Plant Operation	22,368	22,368
Institutional Support	18,126	18,076
Total Instruction and General	\$191,957	\$191,940
Sponsored Research		
Research Foundation	\$ 19,480	\$ 19,480
Engineering Experiment Station	2,433	2,433
University Sponsored Programs	700	700
Other	2,351	2,361
Total Sponsored Research	\$ 24,964	\$ 24,974
Public Service		
University Hospitals	\$ 74,298	\$ 74,248
Cooperative Extension Service	16,950	16,950
University Sponsored Programs	2,353	2,353
Other	14,419	14,257
Conferences	1,760	1,915
Total Public Service	\$109,780	\$109,723
Scholarships and Fellowships	\$ 5,484	\$ 5,408

November 4, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
 1977-78 Current Funds Budget
 Budgeted Expenditures for 1977-78
 (In Thousands)

November 4, 1977 meeting, Board of Trustees

	Budget Approved July 22, 1977	Proposed Revised Budget November 4, 1977
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 18,040	\$ 17,829
Intercollegiate Athletics	7,271	7,547
University Bookstores	4,263	4,263
Student Health Service	2,246	2,246
Student Unions	2,178	2,210
Parking Facilities	2,046	2,046
University Airport	1,668	1,668
Fawcett Center for Tomorrow	1,329	1,329
Other	937	937
Total Auxiliaries	\$ 39,978	\$ 40,075
Total Columbus Campus	\$372,163	\$372,120
Regional Campuses		
Administration	\$ 168	\$ 168
Lima Campus	2,038	2,086
Mansfield Campus	2,218	2,251
Marion Campus	1,342	1,334
Newark Campus	2,028	2,003
Agricultural Technical Institute	2,200	2,232
Wright Patterson Graduate Center	195	185
Total Regional Campuses	\$ 10,189	\$ 10,259
Grand Total	\$382,352	\$382,379

THE OHIO STATE UNIVERSITY
 1977-78 Current Funds Budget
 Sources of Income to Support 1977-78 Budgets
 (In Thousands)

	Provisional Estimated Income July 22, 1977	Revised Estimated Income November 4, 1977
Columbus Campus		
Government Appropriations		
State of Ohio	\$127,111	\$127,321
Federal	45,326	44,451
County	4,081	4,081
Subtotal	\$176,518	\$175,853
Student Fees		
Instruction and General	\$ 53,625	\$ 53,625
Room and Board	14,775	14,875
Other	1,975	2,173
Subtotal	\$ 70,375	\$ 70,673
Other Income		
Auxiliary Sales and Charges	\$ 94,239	\$ 94,589
Department and University Services	16,887	17,891
Endowment Income	2,886	2,811
Gifts and Grants	11,950	11,410
Temporary Investments	2,100	2,100
Subtotal	\$128,062	\$128,801
Total Columbus Campus	\$374,955	\$375,327

November 4, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
 1977-78 Current Funds Budget
 Sources of Income to Support 1977-78 Budgets
 (In Thousands)

November 4, 1977 meeting, Board of Trustees

	Provisional Estimated Income July 22, 1977	Revised Estimated Income November 4, 1977
Regional Campuses		
Lima Campus	\$ 2,418	\$ 2,405
Mansfield Campus	2,570	2,548
Marion Campus	1,529	1,514
Newark Campus	2,369	2,358
Agricultural Technical Institute	2,398	2,402
Wright Patterson Graduate Center	195	185
Total Regional Campuses	\$ 11,479	\$ 11,412
Grand Total*	\$385,434	\$386,739
 *Difference from Expense in		
Earnings Operations:		
Capital Reserves	\$ 3,184	\$ 3,184
Use of Balances	\$ (227)	\$ (123)
Increase in Balances	1,125	\$ 1,299
Total	\$ 4,082	\$ 4,360

November 4, 1977 meeting, Board of Trustees

HONORARY DEGREES

Resolution No. 78-42

Synopsis: Approval is requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 29.2727, have approved for recommendation to the Board of Trustees awarding of the honorary degrees as listed below:

M. Milfred Batten	Doctor of Humanities
Walter Louis Chambers	Doctor of Science
Ralph M. Hardgrove	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 Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES--AUTUMN QUARTER COMMENCEMENT

Resolution No. 78-43

Synopsis: Approval is being requested for awarding degrees and certificates for the December Commencement.

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees* of The Ohio State University, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit to the University Senate names of persons who have completed degree and certificate requirements, in accordance with Rule 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

NOW THEREFORE

November 4, 1977 meeting, Board of Trustees

DEGREES AND CERTIFICATES--AUTUMN QUARTER COMMENCEMENT (contd)

BE IT RESOLVED, That the degrees and certificates be conferred on December 9, 1977, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

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

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PERSONNEL ACTIONS

Resolution No. 78-44

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary and Professional Improvement Leave are recommended for approval.

RESOLVED, That personnel actions as recorded in the "Salary Roll" of the University since the October 7, 1977 meeting of the Board, including the following Leaves of Absence Without Salary and Professional Improvement Leave as detailed in the University Budget for 1977-78, be approved.

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

Leaves of Absence Without Salary

JACK G. CALVERT, Professor, Department of Chemistry, effective October 1, 1977 through December 31, 1977, to accept Guggenheim Fellowship.

RICHARD T. GARNER, Professor, Department of Philosophy, effective January 1, 1978 through March 31, 1978, to pursue work on Chinese Philosophy.

JONATHAN W. GREEN, Associate Professor, Department of Photography and Cinema, effective October 1, 1977 through December 31, 1977, to complete work on a book on contemporary photography.

YAN-SHUAN LAO, Associate Professor, Department of East Asian Languages, effective October 1, 1977 through December 31, 1977, to complete research project on Chinese literature under Mongol rule.

JOHN M. SWARTZ, Associate Professor, Department of Electrical Engineering, effective October 1, 1977 through September 30, 1978, to work in a small business environment, Lake Shore Cryotronics, Inc.

November 4, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

DUN-MOW HONG, Assistant Professor, Department of Economics (Lima Campus), effective October 1, 1977 through September 30, 1978, for personal reasons.

Professional Improvement Leave

JACK G. CALVERT, Professor, Department of Chemistry, effective Winter Quarter, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-45

Synopsis: The report on contracts, grants, and gifts and the summary for September is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of September, 1977, be approved.

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

SUMMARY FOR SEPTEMBER, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	15	\$3,304,933.00
The Ohio State University Research Foundation	97	3,921,959.20
The Engineering Experiment Station	2	157,204.00
		\$7,384,096.20
The Ohio State University Development Fund	2,443 Donors	\$ 810,430.80
Establishment of Named Funds		
The Robert and Helen V. Tait Memorial Scholarship for Legal Education (College of Law)		\$20,000.00
The Arthur L. and Cora S. Evans Scholarship Fund (College of Law)		5,000.00
The Ohio State University School of Nursing Research Fund (School of Nursing)		5,000.00
Wellington F. Roemer and Margaret N. Roemer Fund for Undergraduate Education in Insurance (College of Administrative Science)		5,000.00

November 4, 1977 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Student Programs	29	\$13,191,835.00	26	\$13,556,492.00	3
Training Grants	132	7,860,843.53	68	4,467,929.13	(43)
Construction Grant			1	1,681,875.00	100
Total Federal	161	\$21,052,678.53	95	\$19,706,276.13	(6)
State of Ohio	45	3,126,211.18	56	3,720,401.67	19
Industrial and Other	86	2,691,392.68	46	477,222.51	(82)
Totals	292	\$26,870,282.39	197	\$23,903,920.31	(11)

November 4, 1977 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration	12	\$ 994,178.00	11	\$ 761,794.00	(23)
National Aeronautics and Space Administration	18	662,010.00	22	686,978.00	4
National Science Foundation	89	3,357,560.00	96	4,667,457.00	39
Department of Defense	89	3,025,535.00	89	4,144,273.00	37
Health, Education, and Welfare	150	11,058,415.00	140	11,759,037.00	6
Other Federal	42	3,503,596.00	43	3,400,007.00	(3)
Total - Federal	400	\$22,601,294.00	401	\$25,419,546.00	12
State of Ohio	17	210,109.30	18	722,772.20	244
Industrial, Private, and Other Non- Federal Sponsors	128	2,604,619.75	189	3,622,420.19	39
Totals	545	\$25,416,023.05	608	\$29,764,738.39	17

November 4, 1977 meeting, Board of Trustees

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

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsors	No. of Projects	1976-1977		1977-1978		% Change from 1976-77
		Level of Support	No. of Projects	Level of Support	No. of Projects	
Federal	14	\$ 130,825.00	30	\$ 139,469.00		7
State of Ohio	16	522,081.00	25	666,631.00		28
Industrial and Other	394	892,451.00	386	747,848.00		(16)
Totals	424	\$1,545,357.00	441	\$1,553,948.00		1

November 4, 1977 meeting, Board of Trustees

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	1976-1977		1977-1978		% Change from 1976-77
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	36,252	\$ 849,566.30	41,439	\$ 961,768.38	13
Major Resources Group					
Deferred Gifts	46	2,010,800.97	44	1,453,663.00	(28)
Major Individual Gifts	876	1,613,997.29	1,174	2,533,170.79	57
Corporate Gifts	859	2,113,264.97	1,471	2,286,027.31	13
Foundation and Non-Profit Organization Gifts	643	1,679,034.71	726	2,748,862.82	64
Totals	2,424	\$7,417,097.94	3,415	\$ 9,121,723.92	23
Totals	38,676	\$8,266,664.24	44,854	\$10,083,492.30	22

November 4, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$1,047,304.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Medicine, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15116-12)

\$994,661.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Dentistry, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15309-12)

\$365,648.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15704-08)

\$188,174.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15608-08)

\$174,688.00 - Department of the Air Force, 2750th Air Base Wing/PMA, Specialized Procurement Branch, Building 1, Area C, Wright-Patterson Air Force Base, Ohio, for support of the graduate education program at Wright-Patterson Air Force Base, Graduate School, October 1, 1977 through September 30, 1978. (Contract No. F33600-77-C-0475)

\$164,414.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, School of Nursing, October 1, 1977 through September 30, 1978. (Grant No. 2 E04 NU01080-06)

\$149,500.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., for Interpreting Outcome Measures in Vocational Education, The Center for Vocational Education, August 1, 1977 through August 31, 1978. (Contract No. 400-77-0070)

\$69,647.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Optometry, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15402-12)

November 4, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$61,101.00 - Department of Health, Education, and Welfare, Public Health Service, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Hematology - National Research Service Award, Department of Medicine, July 1, 1977 through June 30, 1978. (Grant No. 5 T32 HL07141-03)

\$54,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., for Developing an Instrument for Inservice Training and Implementing Major Curricular Modification to Prepare Personnel, Academic Faculty for Exceptional Children, July 1, 1977 through June 30, 1978. (Grant No. G007701469)

TOTAL - FEDERAL CONTRACTS/GRANTS \$3,269,137.00

State of Ohio Contract/Grant

\$10,000.00 - State of Ohio, Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio, Curricula Redesign Project, Academic Faculty for Special Services, February 1, 1977 through January 31, 1978. (Grant No. 76-BT-F04-6664)

Industrial and Other Contracts/Grants

\$14,232.00 - Franklin County Welfare Department, Columbus, Ohio, Training Program for Franklin County Welfare Department, College of Social Work, July 1, 1977 through September 30, 1977.

\$11,000.00 - Salinas Union High School District, Salinas, California, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career and Vocational Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$9,989.00 - Michigan State University, East Lansing, Michigan, Short-term Consultant for the MSU/Brazil-MEC Project, College of Agriculture and Home Economics, September 13, 1977 through November 17, 1977. (Project No. MEC-OS-14c)

\$575.00 - Loudonville-Perrysville Exempted Village Schools, Loudonville, Ohio, Technical Assistance, The Center for Vocational Education, June 1, 1977 through June 30, 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$35,796.00

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$508,784.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Acute Spinal Cord Injury Research Center, Department of Surgery, 1 September 1977 through 31 August 1978. (Project 710711 - Extension No. 5)

\$230,000.00 - National Science Foundation, Washington, D. C., Development of Competitive Politics in Spain, Department of Political Science, 1 September 1977 through 31 August 1979. (Project 710719 - New)

\$200,000.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *in vivo* Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology, 26 September 1977 through 25 December 1978. (Project 710726 - New)

\$198,731.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Regional Medical Audiovisual Center (ORMAC), Department of Medicine Administration, 1 April 1976 through 31 May 1978. (Project 784384 - Modification No. 5)

\$151,198.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Health Professions Special Project Grant Program, Department of Medicine Administration, 1 July 1977 through 30 June 1978. (Project 710590 - Extension No. 2)

\$103,500.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Alloys: A Problem in High-Temperature Energy Conversion Systems, Department of Metallurgical Engineering, 1 September 1975 through 31 August 1979. (Project 784305 - Letter dated 5 August 1977)

\$99,895.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Rockville, Maryland, Preparation for Entrance Into the Health Professions, Office of Minority Affairs, 1 July 1977 through 30 June 1978. (Project 710562 - Extension No. 2)

\$99,100.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics, 1 October 1977 through 31 January 1980. (Project 710739 - New)

\$90,929.00 - Department of the Army, Army Research Institute for the Behavioral and Social Sciences, Alexandria, Virginia, A Study of Leader Behavior in the Effective Management of Organizational Crises, Merston Center for Education in National Security, Graduate School, 15 November 1977 through 14 November 1979. (Project 710776 - 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)

\$90,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, Planning and Evaluation Project for the HEW Region V Developmental Disabilities Consortium, Nisonger Center for Mental Retardation, Office of Health Sciences, 30 September 1977 through 29 September 1978. (Project 710774 - New)

\$84,814.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Experimental Analysis of Unsteady Wakes Behind Cones at Angle of Attack, Department of Aeronautical and Astronautical Engineering, 15 August 1977 through 14 August 1978. (Project 710656 - New)

\$82,657.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Relationship Between Pharmacokinetic Distribution of Antimicrobial Drugs and Effectiveness, Department of Veterinary Physiology and Pharmacology, 24 June 1974 through 29 July 1978. (Project 783958 - Modification No. 11)

\$82,000.00 - National Science Foundation, Washington, D. C., Catalysis of Labile Metal Ions in Mixed Ligand Systems, Department of Chemistry, 1 September 1977 through 31 August 1979. (Project 710727 - New)

\$70,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, University Affiliated Facilities Consortium Coordination, Nisonger Center for Mental Retardation, Office of Health Sciences, 30 September 1977 through 29 September 1978. (Project 710775 - New)

\$68,975.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Wind Tunnel Research on Low Drag Airfoils for Short Haul Aircraft, Department of Aeronautical and Astronautical Engineering, 1 August 1977 through 28 February 1978. (Project 710692 - New)

\$64,372.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Hyattsville, Maryland, Economic Responses to Poor Health in Older Males, Department of Economics, 15 September 1977 through 14 September 1978. (Project 710693 - New)

\$63,100.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology, 1 September 1976 through 31 August 1978. (Project 784522 - Sponsor letter dated 9 August 1977)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,900.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Mechanization of Patching (Bituminous), Department of Mechanical Engineering, 19 August 1977 through 18 August 1978. (Project 710644 - New)

\$55,952.00 - Environmental Protection Agency, Chicago, Illinois, Integration and Synthesis of Watershed Studies on the Effects of Land Use on Pollutant Loading to Lake Erie, Department of Civil Engineering, 1 August 1977 through 30 June 1978. (Project 710773 - New)

\$52,900.00 - National Science Foundation, Washington, D. C., Density-Functional Theory for Non-Uniform Many-Body Systems, Department of Physics, 1 March 1976 through 30 June 1979. (Project 784369 - Sponsor letter dated 4 August 1977)

\$52,271.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Methods for Prolonging Action of Narcotic Antagonists, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710696 - Extension No. 2)

\$49,000.00 - Environmental Protection Agency, Washington, D. C., Chlorinated Hydrocarbons: Insecticide vs. Carcinogenic Action, Department of Radiology, 18 July 1977 through 17 July 1978. (Project 760756 - New)

\$46,300.00 - National Science Foundation, Washington, D. C., Electron Microscopy of Fossil Pollen and Spores, Department of Botany, 15 July 1977 through 31 July 1978. (Project 710698 - New)

\$44,800.00 - National Science Foundation, Washington, D. C., Carbenic Processes, Department of Chemistry, 1 August 1977 through 31 July 1978. (Project 710700 - New)

\$43,545.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Rockville, Maryland, Bio-transformation of Cannabinoids by Microorganisms, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710697 - Extension No. 1)

\$42,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Spectroscopic Measurements of Ozone Water Vapor and Other Atmospheric Gases, Department of Physics, 1 April 1974 through 30 September 1978. (Project 783910 - Modification No. 6)

\$41,804.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Identification of Finite State Models of a Human Operator, Department of Industrial and Systems Engineering, 1 October 1976 through 30 September 1978. (Project 784556 - Modification No. AFOSR77-3152A)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts /Grants (contd)

\$41,500.00 - National Science Foundation, Washington, D. C., Action of Estrogen and Testosterone in the Ovarian Follicular Atresia, Department of Veterinary Physiology and Pharmacology, 1 September 1977 through 31 August 1979. (Project 710730 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Thrombin: Binding Sites and Functionalites, Department of Chemistry, 15 September 1977 through 30 September 1979. (Project 710735 - New)

\$39,949.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Water Quality Surveillance, Center for Lake Erie Area Research, College of Biological Sciences. (Project 784717 - Amendment No. 1)

\$35,000.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Laser Induced Response, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784786 - Modification No. P00001)

\$31,700.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Development of Supplemental Curriculum Materials Relating to Ocean Study, Academic Faculty of Science-Mathematics Education, 29 August 1977 through 28 August 1978. (Project 710678 - New)

\$29,600.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering, 15 December 1974 through 14 December 1978. (Project 784098 - Modification No. P00003)

\$29,000.00 - National Science Foundation, Washington, D. C., An Experimental Analysis of Predator-Prey System, Department of Zoology, 1 October 1977 through 30 September 1978. (Project 710729 - New)

\$28,000.00 - National Science Foundation, Washington, D. C., A Novel Approach to the Regiospecific Construction of Anthracycline Ring Systems: Versatile Synthons for Benzoquinone and Naphthoquinone Carbanions, Department of Chemistry, 1 September 1977 through 31 August 1978. (Project 710732 - New)

\$23,319.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Impact of Prior Non-contingency on Learning and Memory, Department of Psychology, 1 September 1977 through 31 August 1978. (Project 710724 - Extension No. 1)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$21,800.00 - National Science Foundation, Washington, D. C., Collaborative U. S. - U.S.S.R. Research in the Computer Applications in Urban Goods Distribution, Administrative Science Administration, 1 August 1977 through 31 July 1978. (Project 710720 - New)

\$20,938.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication, 1 September 1977 through 31 August 1978. (Project 710772 - New)

\$19,992.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, *In Vivo* and *In Vitro* Oxidations of Psychoactive Drugs, Department of Chemistry, 1 September 1977 through 31 August 1978. (Project 710699 - Extension No. 1)

\$18,000.00 - Energy Research and Development Administration, Washington, D. C., High Energy Physics Studies, Department of Physics. (Project 710041 - Modification No. A002)

\$14,526.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Teaching Grant in Occupational Therapy, School of Allied Medical Professions, 1 September 1977 through 31 August 1978. (Project 710725 - New)

\$13,000.00 - National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers, Department of Biochemistry, 1 September 1977 through 31 August 1979. (Project 710731 - New)

\$11,470.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Fluid Dynamic Interactions within Multiple Nozzle Arrays, Department of Aeronautical and Astronautical Engineering, 1 October 1977 through 31 December 1977. (Project 710787 - Modification AFOSR76-2956C)

\$8,915.00 - National Science Foundation, Washington, D. C., Testing Alternatives in the Mathematics Preparation of Elementary Teachers, Department of Mathematics. (Project 784620 - Letter dated 1 August 1977)

\$8,690.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, University Affiliated Facilities - Administration and Operation, Nisonger Center for Mental Retardation, Office of Health Sciences. (Project 710559 - Amendment No. 2)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$8,528.00 - Federal Highway Administration, Washington, D. C., 1977 Federally Coordinated Program Research Review, Department of Electrical Engineering, 1 September 1977 through 31 December 1977. (Project 710728 - New)

\$7,500.00 - Department of Health, Education, and Welfare, Bureau of Education for the Handicapped, Washington, D. C., Continuation proposal for the National Center on Educational Media and Materials for the Handicapped, Academic Faculty for Exceptional Children, 1 September 1976 through 31 October 1977. (Project 710476 - Modification No. 9)

\$5,700.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Occupational Therapy, School of Allied Medical Professions, 1 September 1977 through 31 August 1978. (Project 710723 - New)

\$5,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Administration on Aging, Washington, D. C., Sex Role Identity and Self-Esteem Through the Adult Life Span, Department of Psychology, 30 September 1977 through 29 September 1978. (Project 710771 - New)

\$3,942.00 - National Science Foundation, Washington, D. C., Assessment of Needs and Existing Practices of U. S. Schools in Pre-College Education: A Literature Review, Evaluation and Synthesis, Academic Faculty of Science-Mathematics Education, 30 June 1976 through 31 August 1977. (Project 784485 - Sponsor letter dated 15 August 1977)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,243,596.00**

State of Ohio Research Contracts/Grants

\$59,044.00 - Ohio Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Office of Organizational Services, Columbus, Ohio, Evaluation - Technical Assistance: Community Service Providers, Nisonger Center for Mental Retardation, 1 October 1977 through 30 September 1978. (Project 710767 - New)

\$24,662.00 - State of Ohio, Department of Health, Columbus, Ohio, Care and Training of Hemophiliac Patients for Home Therapy and Health Maintenance, School of Nursing, 1 July 1977 through 30 June 1978. (Project 710733 - New)

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$8,855.20 - State of Ohio, Department of Highway Safety, Columbus, Ohio, Instructor Preparation/Driver Training of Handicapped Workshop, Division of Continuing Education, Office of Educational Services, 1 September 1977 through 31 January 1978. (Project 710677 - New)

\$6,316.00 - The Ohio Program in the Humanities, Columbus, Ohio, Focus on the Appalachians of Columbus, Ohio -- A Video Presentation and Analysis: Phase I, Telecommunications Center, Office of Educational Services, 1 September 1977 through 31 December 1977. (Project 710664 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$98,877.20

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

\$151,323.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry, 1 July 1977 through 30 June 1978. (Project 710040 - New)

\$32,686.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Pre-clinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology. (Project 784155 - Supplement No. 6)

\$25,000.00 - Columbus, Ohio Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort in Columbus, Center for Human Resource Research, Academic Faculty of Labor and Human Resources, 23 August 1977 through 22 August 1978. (Project 710630 - New)

\$20,000.00 - City of Columbus, Department of Development, Columbus, Ohio, Plan to Aid Senior Citizens in North Linden, Department of Psychology, 1 September 1977 through 31 August 1978. (Project 710685 - New)

\$19,774.00 - Stokely-Van Camp, Inc., Indianapolis, Indiana, Comparison of Three Gatorade Formulas on their Absorption Rate and Work Performance in Human Subjects, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710780 - New)

\$18,127.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Investigation of Oil Persistence in Tundra and Its Impact on the Belowground Arctic Ecosystem, Institute of Polar Studies, Graduate School, 1 June 1977 through 30 September 1978. (Project 784204 - Modification No. 2)

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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)

\$15,000.00 - The University of Wyoming, Laramie, Wyoming, Computer Solutions for Use in Estimating the Progress of In-site Coal Gasification, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1976 through 28 February 1978. (Project 784491 - Phase II of Subcontract)

\$10,374.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy, 1 September 1976 through 31 August 1978. (Project 784691 - Amendment No. 1)

\$9,700.00 - The Toledo Edison Company, Toledo, Ohio, Impingement and Entrainment Studies at the Acme and Bay Shore Power Stations, Biological Sciences Administration. (Project 784524 - Purchase Order dated 15 September 1977)

\$9,250.00 - Ohio Laborers' Training and Upgrading Trust Fund, Mt. Vernon, Ohio, Instructor Training Program, Academic Faculty of Industrial Technology, 1 September 1977 through 30 June 1978. (Project 710736 - New)

\$9,084.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Myocardial Electrophysiologic and Mechanical Properties in Conscious Normal and Diseased Swine, Department of Veterinary Clinical Sciences, 1 October 1977 through 30 September 1978. (Project 710760 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Arterial Prostacycline-Platelet Aggregation, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710792 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Amine Alterations in Pregnancy Induced Hypertension, Department of Obstetrics and Gynecology, 1 October 1977 through 30 September 1978. (Project 710766 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Arachidonic Acid Induced Aortic Injury, Department of Pathology, 1 October 1977 through 30 September 1978. (Project 710764 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Mechanism of Action of Dichloroacetamides on Myocardial Inotropy, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710759 - New)

November 4, 1977 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)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effects of High Expiratory Pressures on Cardiac Function, Department of Surgery, 1 October 1977 through 30 September 1978. (Project 710758 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Hemodynamic Forces on the Arterial Endothelium, Department of Surgery, 1 October 1977 through 30 September 1978. (Project 710757 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Effects of Increased Adrenergic Tone on Sinus Node Function Studies in Man, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710756 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, α -Adrenergic Metabolic Responses in the Myocardium, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710755 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Intra-operative Myocardial Protection During Anoxic Arrest, Department of Surgery, 1 October 1977 through 30 September 1978. (Project 710754 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Plasmalogenase Elevation in Experimental Stroke, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710753 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Left Ventricular Function: Discordance of Invasive and Non-Invasive Parameters, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710751 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Role of Prostaglandin E in Blood Pressure Control, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710749 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Interaction of Angiotensin and Prostaglandin, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710744 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Immunohistochemistry of Myocardial Ischemia, Department of Pathology, 1 October 1977 through 30 September 1978. (Project 710743 - New)

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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)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Compartmentation of K⁺ in Cardiac Cells, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710742 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, CO Distribution of Sub-Lethal Levels in the Heart, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710741 - New)

\$8,925.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Energetics of Ca²⁺ Cycling During Muscle Contraction, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710763 - New)

\$8,920.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Hypothalamic Neurons Regulating Skin Blood Flow, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710745 - New)

\$8,858.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Distribution of Coronary Blood Flow of the Horse in Systole and Diastole, Department of Veterinary Physiology and Pharmacology, 1 October 1977 through 30 September 1978. (Project 710752 - New)

\$8,803.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Electrophysiology of Adriamycin Cardiotoxicity, Department of Veterinary Physiology and Pharmacology, 1 October 1977 through 30 September 1978. (Project 710765 - New)

\$8,515.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Antiaggregatory Actions of Clofibrate-Type Agents, College of Pharmacy, 1 October 1977 through 30 September 1978. (Project 710598 - New)

\$8,472.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Infarct Size on High-Frequency Components of QRS, Department of Veterinary Physiology, 1 October 1977 through 30 September 1978. (Project 710762 - New)

\$8,300.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Use of Sound Transfer in Detection of Cardiogenic Pulmonary Edema, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710747 - New)

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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)

\$7,980.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Reflex Changes in the Diastolic Ventricular Compliance, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710748 - New)

\$7,917.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Adriamycin-induced Cardiotoxicity in the Rat, Department of Veterinary Pathobiology, 1 October 1977 through 30 September 1978. (Project 710761 - New)

\$7,770.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, NMR Study of Molecular Interactions in Atheroma, College of Pharmacy, 1 October 1977 through 30 September 1978. (Project 710750 - New)

\$6,785.00 - Ross Laboratories, Columbus, Ohio, Efficacy of Ensure Plus in Support of the Long Term Physical Stress of Athletic Competition, School of Health, Physical Education and Recreation, 22 August 1977 through 21 August 1978. (Project 710782 - New)

\$6,763.00 - Ross Laboratories, Columbus, Ohio, Nutritional Efficacy of Ensure Plus During Multiple Periods of Physical Stress, School of Health, Physical Education and Recreation, 1 October 1977 through 31 March 1978. (Project 710783 - New)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 783911 - Check dated 1 August 1977)

\$4,750.00 - Shawnee Local School District, Board of Education, Lima, Ohio, Survey of Shawnee Local School District, Academic Faculty of Educational Administration, 1 July 1977 through 30 June 1978. (Project 710600 - New)

\$4,410.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Control of Strength and Duration of Activity of Muscle, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710746 - New)

\$3,000.00 - Key Pharmaceuticals, Miami, Florida, Comparative Efficacy Between a Standard Aminophylline Tablet and a Sustained Release Theophylline Product in Patients with Obstructive Lung Disease, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710778 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$579,486.00

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

ENGINEERING EXPERIMENT STATION

State Of Ohio Research Contracts/Grants

\$123,500.00 - Public Utilities Commission of Ohio, Columbus, Ohio, for a Study to Analyze Selected Public Policy Issues Dealing with Industries Regulated by PUCO, Department of Mechanical Engineering, September 1, 1977 through June 30, 1978. (EES 508C Extension No. 1)

\$33,704.00 - Ohio Department of Transportation, Columbus, Ohio, for Transportation Safety Research, Department of Civil Engineering, October 1, 1977 through September 30, 1978. (EES 572)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$157,204.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$125,000.00 from Estate of James W. Shocknessy, Columbus, Ohio, for the James W. Shocknessy Fund.

\$50,000.00 from the Columbus Board of Realtors, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$49,800.00 from The Akron Area Board of Realtors, Akron, Ohio, for the John W. Galbreath Chair in Real Estate.

\$27,787.00 from The Chas. F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$25,000.00 from John W. Galbreath, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$25,000.00 from Mrs. John W. Galbreath, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$21,196.79 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$20,464.50 from The University Obstetricians & Gynecologists (given in the names of Elizabeth M. Boutselis, Donald K. Bryan, Garth F. Essig, Moon H. Kim, Nicholas J. Teteris, Robert R. Villalon, and James Hutchison Williams), Columbus, Ohio: \$14,938.00 for the EPR-OBS Fund; \$3,024.50 for the William E. Copeland Fund in Obstetrics and Gynecology; and \$2,502.00 for Reproductive Research.

November 4, 1977 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)

\$15,685.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$15,000.00 from Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulan Riklis Chair in Business and Its Environment Fund.

\$13,500.00 from the Mansfield O.S.U. Campus Fund, Mansfield University Foundation, Mansfield, Ohio: \$12,000.00 for the Mansfield Campus Scholarship Fund and \$1,500.00 for the Mansfield Campus Support Fund.

\$10,557.90 from Battelle Memorial Institute, Columbus, Ohio: \$5,557.90 for the WOSU Support Fund and \$5,000.00 for the John W. Galbreath Chair in Real Estate.

\$10,000.00 from the Clermont County Board of Realtors, Cincinnati, Ohio, for the John W. Galbreath Chair in Real Estate.

\$10,000.00 from the Iddings Benevolent Trust, Dayton, Ohio, for the Iddings Benevolent Trust Scholarship Fund.

\$10,000.00 from Serb National Federation, Pittsburgh, Pennsylvania, for the Hilander Research Fund.

\$8,687.68 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$8,000.00 from John Olsen, M.D., Columbus, Ohio, for the Department of Radiology Development Fund.

\$6,243.00 from the Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates), Columbus, Ohio, for the Eye Bank Fund.

\$6,000.00 from Amoco Foundation, Inc., Chicago, Illinois, for the Amoco Foundation, Inc., Fellowship in Chemistry.

\$6,000.00 from Eastman Kodak Company, Rochester, New York, for the Eastman Kodak Company Fellowship Fund in Chemical Engineering.

\$6,000.00 from Trust Under the Will of Marjorie Sells Carter, Stamford, Connecticut, for the Arthur H. Carter Scholarship Fund.

November 4, 1977 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)

\$5,850.00 from American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for the American Foundation for Pharmaceutical Education Fellowship Fund.

\$5,775.29 from Ohio Farmers Insurance Company, Westfield Center, Ohio, for the Ohio 4-H Foundation Support Fund.

\$5,000.00 from Exxon Education Foundation, New York, New York, for the Exxon Graduate Fellowship in Chemical Engineering.

\$5,000.00 from Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.

Establishment of Named Funds

**The Robert and Helen V. Tait Memorial Scholarship
for Legal Education**

The Robert and Helen V. Tait Memorial Scholarship for Legal Education was established November 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Robert E. Tait, John T. Tait and friends of Robert and Helen V. Tait. The Tait Memorial Scholarship, as established, honors the distinguished career in the practice of law of the late Mr. Tait (Ohio Northern University - 1940) of Lima, Ohio.

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

The annual income from the principal is to be used to provide one or more scholarships for students with demonstrated financial need enrolled in the College of Law. The selection of the recipient shall be made by the Dean of the College of Law or his authorized representatives. First preference shall be given to students who are residents of Allen County, Ohio, and, in turn, other Ohio residents. Recipients may apply for and receive a first and second renewal of their 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 recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

November 4, 1977 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 Arthur L. and Cora S. Evans Scholarship Fund

The Arthur L. and Cora S. Evans Scholarship Fund was established November 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mary Evans Eyerman, B.A. '62, Oak Park, Illinois, and Sally A. Loos, B.A., '50, Little River, California, in memory of their grandparents, Arthur L. and Cora S. Evans, and Mrs. Eyerman's father, Mark Simeon Evans, B.A. '23, LL.B. '27. Acknowledgment is also made of gifts to this fund by the Evans Adhesive Corporation and the Evans Investment Company.

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 to first-year students enrolled in the College of Law. Selection of the recipient is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Law. First preference will be given to students with baccalaureate degrees from The Ohio State University. Students who have demonstrated outstanding academic ability and who have participated in undergraduate activities will be considered 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 within the College of Law 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.

The Ohio State University School of Nursing Research Fund

The Ohio State University School of Nursing Research Fund was established November 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty, and friends of The Ohio State University School of Nursing.

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

The annual income is to be used to support research projects conducted by faculty, graduate, and senior undergraduate students in the School of Nursing or by registered nurses in service or education settings in the Central Ohio area. Requisitions for funds will be approved by the Director of the School of Nursing and the Dean of the College of Medicine.

November 4, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ohio State University School of Nursing Research Fund (contd)

Should the need for this research 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 nursing education.

**Wellington F. Roemer and Margaret N. Roemer Fund
for Undergraduate Education in Insurance**

The Wellington F. Roemer and Margaret N. Roemer Fund for Undergraduate Education in Insurance was established November 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Wellington F. Roemer, II, W. Thomas Roemer, B.S.Educ., 1968, and J. Robert Roemer, B.S.Bus.Adm., 1970, in honor of their parents, Mr. and Mrs. Wellington F. Roemer of Toledo, Ohio, and in recognition of Mr. Roemer's distinguished career in the insurance profession.

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 discretionary funds for the Academic Faculty of Finance in the College of Administrative Science for use in promoting, supporting and improving the curricular programs associated with an undergraduate major in Insurance and Risk. These funds may be used to provide for scholarship assistance, program enhancement, faculty training and orientation, equipment and publication needs and speakers expenses as determined by the Chairman of the Academic Faculty of Finance in consultation with those faculty members teaching courses in Insurance and Risk.

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 within the College of Administrative Science 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 and Risk education.

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November 4, 1977 meeting, Board of Trustees

EMPLOYMENT ARCHITECTS/ENGINEERS

UNIVERSITY HOSPITAL RENOVATION

Resolution No. 78-46

Synopsis: Complete renovation of the interior of the University Hospital to provide patients with care, treatment, services, and comfort conditions currently available in a modern hospital.

WHEREAS the University Hospital was constructed in 1951 in accordance with the most economical standards and practices of the time and the original structure and life support systems have become deteriorated due to normal use, wear and corrosion, and obsolete through advancement of technology and increasing demands for improved patient care accommodations; and

WHEREAS the original building and later addition must be renovated to comply with the current Life Safety Code and Ohio Building Codes, to improve the functional arrangement of the University Hospital in support of patient services, educational programs and clinical research activities and to improve patient amenities required of a modern hospital:

NOW THEREFORE

BE IT RESOLVED, That the firm of C. Curtiss Inscho and Associates of Columbus, Ohio, be employed to provide complete architectural and engineering services for this project including preliminary plans, working drawings, specifications, estimates of cost, necessary bidding documents and administration of construction; 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 project cost of \$13,000,000 which is included in House Bill 618, Item 315-119 (1977-79 Biennium).

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

ORTON HALL RENOVATION

Resolution No. 78-47

Synopsis: Major renovation for the Department of Geology and Mineralogy and the Orton Memorial Library of Geology.

WHEREAS Orton Hall was constructed in 1893 of the Richardsonian Romanesque style of architecture, and is one of the three historically significant buildings on campus which are on the National Register of Historic Places, and the original purpose of the building was to house the Department of Geology and Museum, and the general library of the University, but during the first 25 years housed a number of other departments; and

November 4, 1977 meeting, Board of Trustees

EMPLOYMENT ARCHITECTS/ENGINEERS (contd)

ORTON HALL RENOVATION (contd)

WHEREAS the building, constructed of steel frame with masonry and stone veneer is basically sound, is in need of major renovation to correct ground floor slab deterioration, improve building electrical and plumbing services, remedy certain conditions to comply with current building codes, provide improved safety systems, perform minor exterior repairs, provide a central heating and ventilating system, and make the building accessible for the physically handicapped:

NOW THEREFORE

BE IT RESOLVED, That the firm of Adams, Harder, Kincheloe and Swearingen, Architects/Planners, Inc., of Columbus, Ohio, be employed to provide complete architectural services for this project, including preliminary plans, basic drawings, specifications, contract drawings, estimates of cost, necessary bidding documents and supervision of construction; 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 project cost of \$1,170,000 provided from the funds in House Bill 618 (Utilities and Renovation 1977-79 Biennium).

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

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PLANS AND SPECIFICATIONS

Resolution No. 78-48

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following project are presented for approval:

MAC QUIGG LABORATORY, ALTERNATE HEAT SOURCE

Project: Provide oil-fired alternate heat source to the local gas-fired hot water boilers. This will supply adequate heat for the building during periods of gas curtailment.

Funding: Budget Account 885060 (Conversion of University Facilities to Alternate Fuel) and Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$40,000.00

November 4, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

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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**ACQUISITION OF BUILDING AND PROPERTY
DON SCOTT FIELD AREA - 3253 GRANVILLE ROAD**

Resolution No. 78-49

Synopsis: Acquisition of property located at 3253 Granville Road is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: 1.993 acres situated in Quarter Township 4, Township 2 North, Range 19 West, in the Township of Perry, more commonly known as 3253 Granville Road, Worthington, Franklin County, Ohio; and

WHEREAS an agreement was executed on March 19, 1968, to purchase 74 acres adjacent to this property; and

WHEREAS the agreement contained an option to purchase the remaining 1.993 acres for \$20,000 at such time as the homesite was no longer occupied; and

WHEREAS the homesite is now permanently vacated; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan, previously approved by the Board of Trustees of The Ohio State University; and

WHEREAS said property could be utilized to serve as agriculture or airport related uses:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase the said property in the name of the Board of Trustees of The Ohio State University from Gail H. McGurer, Lawrence H. and Eleanor E. McGurer, and Charles A. and Elizabeth S. McGurer, for the sum of Twenty Thousand Dollars (\$20,000) utilizing The Ohio State University Investment Fund.

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

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November 4, 1977 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-50

RESOLVED, That the report on the University's Investment Portfolio dated November 3, 1977, 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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ENROLLMENT REPORT TO THE BOARD OF TRUSTEES

President Enarson made the following report:

The University is now midway through its Autumn Quarter, and we are now able to report with some precision the number of students being served by OSU. As you know, such reporting is not as simple as it may seem. The number of students enrolled at the University changes not only from day to day, but literally from hour to hour. Consistent with state requirements, however, our reports deal with the number of students who were enrolled at the close of the 14th day of classes.

I am pleased to report that the University remains healthy in its ability to attract and retain students. When all levels of students and all campuses of the University are considered, the University has enrolled 55,543 students this Autumn Quarter, an increase of 964 over the Autumn Quarter, 1976. The anticipated decline in college enrollments has not yet affected this University, and we continue to experience heavy pressure for admissions at the freshman and graduate levels.

A closer look at some of the features of this Autumn's enrollment reveals the following:

- * On the Columbus Campus, we admitted 7,336 freshmen in Autumn 1977, an increase of 476 over the Autumn 1976.
- * Undergraduate enrollments at the Columbus Campus increased over this same period by 702 students, to a total of 39,090.
- * A total of 9,140 graduate students are enrolled, an increase of 449 over Autumn 1976. This increase is particularly gratifying because of a slight decline noted last year, a factor that resulted in substantially decreased subsidy earnings.
- * Post-baccalaureate professional enrollments remained almost constant, as planned, at 2,772.
- * Enrollments at the Lima, Mansfield, and Newark Campuses decreased slightly, so that in total the Regional Campus enrollment declined by some 221 students, to a total of 3,641.

TOTAL HEADCOUNT
THE OHIO STATE UNIVERSITY
AUTUMN QUARTER

	AU 1976	AU 1977	Headcount Enrollments Change	Percent Change
COLUMBUS (Including Mt. Carmel)				
Undergraduate:				
New First Quarter Freshmen	6,860	7,336	+ 476	+ 6.9
Other	31,528	31,754	+ 226	+ 0.7
Total	38,388	39,090	+ 702	+ 1.8
Graduate:				
Masters	4,579	4,693	+ 114	+ 2.5
Doctoral	4,112	4,447	+ 335	+ 8.1
Total	8,691	9,140	+ 449	+ 5.2
Professional:	2,767	2,772	+ 5	+ 0.2
Columbus Totals	49,846	51,002	+1,156	+ 2.3
REGIONAL CAMPUSES				
Lima	961	867	- 94	- 9.8
Mansfield	1,189	1,135	- 54	- 4.5
Marion	727	732	+ 5	+ 0.7
Newark	985	907	- 78	- 7.9
Branch Totals	3,862	3,641	- 221	- 5.7
TECHNICAL				
Agricultural Technical Institute	735	818	+ 83	+11.3
OFF CAMPUS				
Wright Field	136	82	- 54	-39.7
University Totals	54,579	55,543	+ 964	+ 1.8

November 4, 1977 meeting, Board of Trustees

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

President Enarson's report (contd)

- * The Agricultural Technical Institute at Wooster experienced an increase to 818 students, up 83 students from 1976.

The attached table provides more detail about the enrollments at each of the University campuses.

The budget implications of these enrollment changes are not yet certain, though it appears likely that some minimal level of funding will be made available for the Columbus campus above our earlier budget projections. Fortunately, the enrollment declines at the Lima, Mansfield, and Newark campuses will have no major impact on their 1977-78 budgets. Anticipating possible declines at these campuses, we prepared 1977-78 budgets for the regional campuses that did not exceed their guaranteed level of state subsidy support.

All things considered, we will move into the 1978-79 year with a healthy enrollment base. The longer range implications of this are significant to the University because the base established during the current biennium will have much to do with the University's subsidy eligibility through the next biennium, which ends in 1982.

Mr. Gushman:

How is the enrollment of the other state universities, state-supported universities?

President Enarson:

The other universities are, for the most part, up. Enrollment in the other eleven Ohio senior institutions is up somewhat--about one and a half to two percent, with a larger increase in the technical and community college area. Now Youngstown University, I think, did show some decline in freshman enrollment. Kent State showed a major decline, I think, 10 or 11 percent. Akron, which is an archetypical urban university showed its 22nd straight year with an enrollment increase. The university I once served, Cleveland State University, added about 800 students for an all-time high of almost 18,000. According to the *Chronicle of Higher Education* reports, the enrollments are up close to three percent around the country, but there again they're skewed and there's a greater increase in the technical-community college sector than there is in the university. There is also some indication that the major comprehensive universities, the land-grant universities, the institutions such as the Wisconsin, the Illinois and the Michigan continue to be up and if there are sags they tend to be in the regional campuses. In view of all of this it would be nice to just relax and say, that all is well in this best of all possible worlds if it were not for the demographic data, which simply cannot be ignored. This clearly indicates that in about--what four, five, or six years, there is a very significant, precipitant decline in the number of high school graduates. Some

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

President Enarson: (contd)

recent studies done by the Board of Regents indicate that the studies of some years ago may have overestimated the number of high school students. I think, isn't that true, Mrs. James, that the Cleveland schools had fewer students in the upper levels than they had anticipated?

Mrs. James: "Yes."

President Enarson: "And I think that is true here."

Mr. Gushman: "How about the technical institutions on our regional campuses?"

President Enarson:

Yes, I thought we had it here--we don't, do we? I'm thinking of a report which I have seen and I'll be glad to send . . . Bill, do you have it?

Dr. Vandament:

Dr. Robinson is here to answer any questions about the regional campuses. I can say generally that the enrollments at the technical colleges with which we share campuses are up and while these headcount enrollments at our regional campuses are down, the course enrollments have not been affected as much because of the services we provide in the arts and sciences for those technical colleges, so the decline is not as great in terms of our instructional load to our regional campuses as one might suspect from the headcount information.

President Enarson:

In other words, we contract for the provision of certain liberal arts courses to students who are registered in the technical college, but overall they continue to show substantially larger increases than we do.

Dr. Sirak: "Do we show them in our headcount or do they?"

Dr. Vandament:

No, we do not count them in our headcount, but they do get counted in our full-time equivalent student count.

Mr. Havens: "Is this the first time our headcount had been down?"

Dr. Vandament: "At the regional campuses--no."

Mr. Havens: "In other words, it was down in 1975-76, 1976 went down from 1975?"

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

Dr. Vandament: "I'll let someone with more history of this institution speak to that."

President Enarson: "My recollection is that there is up and down in this - Ted."

Dr. Robinson:

Yes, two of the campuses--Lima and Mansfield--have been down for two years in a row.

Dr. Vandament:

The question was raised about full-time equivalents where we haven't presented the information here about our full-time equivalent base but that, of course, is up as well. Our estimates are that if we were to be fully funded for all of the students that we have at Columbus now, we would be entitled to another million and a half to two million dollars in subsidy. Unfortunately, there is a very small growth pool, the size of which is not determined yet. It will be determined only after we know how all of the institutions have fared, but we will have claim to some of that growth pool. We may get bought out, however, at ten cents on the dollar or fifteen cents on the dollar of earnings there. It does--it is important for us to build our enrollment base as we move into the next biennium because, as you recall, the current year's budget in instructional subsidies our guarantee was based on last year's enrollment, so we want to keep the base up so that in the upcoming biennium we'll have a healthy base to build on.

Dr. Jacob:

At the graduate level, did we gain back here to where we were in say Autumn of 1975?

Dr. Vandament:

Actually, we increased our graduate enrollment slightly over 1975. I think we were down about 200 students last year and we've shown an increase of more than 400 students this year.

Dr. Kuhn:

There are a couple of factors there, Dr. Jacob. One, is that we tried very hard to get all units to enroll graduate students who were on campus. And heretofore, there had been some students who were doing dissertation work who had not registered and therefore were not earning a subsidy credit. Working with the deans and department chairmen, I think we closed that loophole and that is, in part, the reflection that you have here.

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

Dr. Sirak:

Al, the years in which we have had increments in our graduate school enrollments, have they always run about 50 percent of the total University enrollment as they have this year?

Dr. Kuhn: "Fifty percent of the total enrollment . . ."

Dr. Sirak:

Yes, of this roughly 1,000 students that you have got here enrolled now, about half of them are graduate students, according to the numbers you have here.

President Enarson: "The total of graduate students is 9,000."

Dr. Sirak: "I am talking about the increases."

Dr. Kuhn:

Half of the increase? I do not know the answer to that Dr. Sirak, I would have to look, I do not know what the trends are on that.

Mrs. James: "Do you have the headcount broken down by race and sex?"

Dr. Vandament:

Yes, and we have Dr. Hairston here who can answer questions about that.

Dr. Hairston:

The overall numbers of minority students increased by two across the total University. We saw greater growth in the professional and the graduate student area. We saw a decline in undergraduate students. So the total number of minority students on campus is 3,436 this Autumn quarter.

Mrs. James: "Do you have those comparisons on paper?"

Dr. Hairston: "Yes."

Mrs. James: "May I have them?"

Dr. Hairston: "My notes as well."

Mrs. James:

Well, usually when we get this, we get the breakdown, I would like to have that, please.

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

President Enarson:

Would it be of interest to the Board to also have the perspective graduate programs?

Mrs. James: "The whole thing."

President Enarson:

Well, not only that, Mrs. James, but the shifts by area at the graduate level. I always find that interesting. That is where the graduate program is growing and where they are cutting back. As we know that there are fewer job opportunities in education, what is the extent of the decline? We know that there are more job opportunities in accounting, what is the extent of line it climbs?

Mrs. James: "We usually have that. Why didn't we get it this time?"

Dr. Vandament:

Why you didn't get it this time, I think, is because I wasn't here last year and didn't remember that you got it. I'm sorry, we'll send you a copy.

Mrs. James: "Please."

President Enarson: "We can either send it between Board sessions--oh we'll send it out."

Dr. Vandament:

There are some interesting patterns of the enrollments in Veterinary Medicine where the number of women has increased and in Nursing where the number of males has increased. So those patterns are also available.

Mr. Havens: "Do the regional campuses come close to supporting themselves, fiscally?"

Dr. Vandament:

Well, they do. As a matter of fact, the University treats them as though they were almost auxiliary enterprises. We pass through their earnings to them and they get what they earn and budget accordingly, and then pay essentially a service charge, an overhead or indirect cost to the central administration.

Mr. Havens:

We worried about a decline in enrollment, do you have any feelings as to whether it would hit us quicker on the regional campuses?

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

Dr. Vandament:

Yes, I am certain that it would hit us there first. Well, it is hitting us there first.

Mr. Havens:

Do you think it would be interesting to take a look--you say Mansfield is off. It would be interesting to see whether the school at Ashland, the private college of Ashland, had an increase in enrollment at a much higher price than we charge at Mansfield and we have a decline.

Dr. Vandament:

Well, certainly we notice that the technical colleges that co-exist with the regional campuses are showing increases and then we suspect that the competition is more there than anywhere else. I think at the Columbus campus, we still have a major demand for admission to the institution and we turn off applications and receive many more applications than we can honor so I think it will be some time at the undergraduate level things will catch up with us. I think it will hit first probably the regional campuses of all of the universities, then I think it will hit some of the other universities, and I think probably we will be down the line at Columbus.

Dr. Sirak: "Jack, take Newark and Denison for example, there is no problem at all."

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Thereupon the Board adjourned to meet Thursday, December 8, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Acting Secretary

John L. Gushman
Chairman

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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 9, 1977

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HONORARY DEGREES

WILLIAM M. BATTEN
Doctor of Humanities

Your life is a model of the American success story. By sheer merit and hard work you rose to the top of the business world. Under your direction, the J. C. Penney Company became one of the leading merchandising organizations in this country. In government and civic activities you demonstrated the high sense of social responsibility which has characterized your life. At a time when others might have chosen retirement, you agreed to become Chairman of the New York Stock Exchange. This new position reflects your acknowledged stature in the business world and is fitting tribute to your distinguished career.

WALTER LOUIS CHAMBERS
Doctor of Science

In the field of landscape architecture, your work and its influence are unique. Nearly every practitioner today and every teacher follows concepts you introduced more than forty years ago. As director of the landscape architecture program at Harvard and later the University of Michigan, you taught your students to see unity and harmony in the varied elements of our physical world. You instilled in them a desire to leave the world a better place because of their work. You have been called a creator of beauty. No words better describe the many ways in which your contributions have enriched our lives.

RALPH M. HARDGROVE
Doctor of Science

For more than sixty years you devoted your professional life to the study of coal and its efficient use in generating power. Your ideas on energy use and conservation were ahead of their time. Your inventions led to the development of safe and low-cost power in this country and the world. In the highest professional tradition, you shared your knowledge and skill with hundreds of younger engineers, many of whom have gone on to careers of distinction. For your numerous contributions you have justly earned the acclaim of your peers and the gratitude of society.

HONORARY DEGREES

WILLIAM M. BATTEN
Doctor of Humanities

Your life is a model of the American success story. By sheer merit and hard work you rose to the top of the business world. Under your direction, the J. C. Penney Company became one of the leading merchandising organizations in this country. In government and civic activities you demonstrated the high sense of social responsibility which has characterized your life. At a time when others might have chosen retirement, you agreed to become Chairman of the New York Stock Exchange. This new position reflects your acknowledged stature in the business world and is fitting tribute to your distinguished career.

WALTER LOUIS CHAMBERS
Doctor of Science

In the field of landscape architecture, your work and its influence are unique. Nearly every practitioner today and every teacher follows concepts you introduced more than forty years ago. As director of the landscape architecture program at Harvard and later the University of Michigan, you taught your students to see unity and harmony in the varied elements of our physical world. You instilled in them a desire to leave the world a better place because of their work. You have been called a creator of beauty. No words better describe the many ways in which your contributions have enriched our lives.

RALPH M. HARDGROVE
Doctor of Science

For more than sixty years you devoted your professional life to the study of coal and its efficient use in generating power. Your ideas on energy use and conservation were ahead of their time. Your inventions led to the development of safe and low-cost power in this country and the world. In the highest professional tradition, you shared your knowledge and skill with hundreds of younger engineers, many of whom have gone on to careers of distinction. For your numerous contributions you have justly earned the acclaim of your peers and the gratitude of society.

Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

One candidate

Jeffrey Harold Brandes, Parma; B.M. (Baldwin-Wallace College); S.M.M. (Union Theological Seminary); *Music*; Dr. Gordon J. Wilson

Doctor of Philosophy

One hundred and forty-eight candidates

Esther Shapiro Abraham, Raanana, Israel; B.A. (Tel Aviv University); M.A.; *Psychology*; Dr. Henry R. Angelino

Jean Acks Amos, Columbus; B.S., M.S.; *Genetics*; Dr. J. Bruce Griffing

José Bittencourt de Andrade, Curitiba, Brazil; B.S., M.S. (Federal University of Paraná); *Geodetic Science*; Dr. Dean C. Merchant

Pamela Tatiana Anikeeff, Akron; A.B. (University of California); M.A. (University of Akron); *Psychology*; Dr. David Hothersall

Dolores Catherine Aquino, Chicago, Ill.; B.S. (Illinois Institute of Technology); *Chemistry*; Dr. Robert J. Ouellette

Judith Warren Arnold, Cortland, N. Y.; B.A. (University of New Hampshire); M.A.; *Sociology*; Dr. Kent P. Schwirian

William Bradford Ashton, Columbus; B.S. (United States Air Force Academy); M.S.; *Industrial and Systems Engineering*; Dr. Gordon M. Clark

Reid Evans Baker, Columbus; B.A. (Washington and Lee University); M.A. (Middlebury College); *Education*; Dr. Edward D. Allen

Avijit Banerjee, Calcutta, India; B.Tech. (Indian Institute of Technology); M.B.A. (Duquesne University); *Business Administration*; Dr. Stanley T. Hardy

Mark Donald Barnes, Cincinnati; A.B. (Thomas More College); *Zoology*; Dr. Willard C. Myser

William Edwin Beckwith, Ashtabula; B.A. (Bowling Green State University); M.A.; *Psychology*; Dr. Curtis A. Sandman

Nancy Roseberry Billingsley, Columbus; B.S. in Edu. (Capital University); M.A.; *Education*; Dr. Joseph J. Quaranta, Jr.

Leslie Arnold Bostic, Grove City; B.Sc. in Soc.Wel., M.Sc. in Soc.Work (Richmond Professional Institute of the College of William and Mary); *Education*; Dr. William D. Dowling

Ira Jay Brandenburg, Forest Hills, N. Y.; B.A. (City College); M.A. (New School for Social Research); *Psychology*; Dr. John E. Horrocks

Michael Patrick Brickey, Columbus; B.S.Soc.Wel.; M.A. (Kent State University); *Psychology*; Dr. Barbara A. Edmonson

Carolyn Branch Brooks, Union Springs, Ala.; B.S., M.S. (Tuskegee Institute); *Microbiology*; Dr. Julius P. Kreier

William Leroy Brown, Chicago, Ill.; B.A. (Saint Olaf College); O.D. (Illinois College of Optometry); M.S.; *Physiological Optics*; Dr. Glenn A. Fry

James Hubert Bryson, Peoria, Ill.; B.S. (Bradley University); M.S.; *Chemistry*; Dr. C. Weldon Mathews

Jennifer Bailey Butler, Oklahoma City, Okla.; B.A. (Inter American University of Puerto Rico); M.A.; *Communication*; Dr. John J. Makay

Kenneth Matthew Cappetta, Wayne, N. J.; B.A. (Montclair State College); M.A. (Teachers College, Columbia University); *Education*; Dr. Edward D. Allen

Roy Eugene Carawan, Columbus; B.S., M.S. (North Carolina State University); *Food Science and Nutrition*; Dr. W. James Harper

Carol Elizabeth Carr, Dayton; B.S.Ed., M.A.; *Communication*; Dr. Robert R. Monaghan

Bernard Leon Cellar, Worthington; B.S. in Edu. (Capital University); M.A.; *Education*; Dr. Jack R. Frymier

Benita Steinberg Chambers, Bowling Green; B.A. (Brooklyn College); M. of Educ. (Kent State University); *Education*; Dr. Martha L. King

John Steven Chandler, Arlington, Va.; B.A. (College of William and Mary); M.S.; *Computer and Information Science*; Dr. Thomas G. DeLutis

Michael Robert Cheney, Urbana, Ill.; B.S., M.S. (University of Illinois); *Communication*; Dr. Robert R. Monaghan

Emanuel Christie, St. Ann, Jamaica; Diploma (Jamaica School of Agriculture); B.S. (Tuskegee Institute); M.S.; *Zoology*; Dr. Peter W. Pappas

Chigee Jan Cloninger, Lafayette, La.; B.S. (University of Southwestern Louisiana); M.A.; *Education*; Dr. John O. Cooper

Marianne Nelson Collins, New Orleans, La.; B.A. (Louisiana State University); M.A.; *Psychology*; Dr. Milton D. Hakei

Melinda Hernandez DeGuzman, Quezon City, Philippines; B.S. (University of the Philippines); M.S.; *Pharmacology*; Dr. Joseph R. Bianchine and Dr. John J. O'Neill

Michael Ray Detty, Columbus; B.S. (Bowling Green State University); *Chemistry*; Dr. Leo A. Paquette

Gerard Lewis Ervin, Tucson, Ariz.; B.A., M.Ed. (University of Arizona); *Education*; Dr. Edward D. Allen

Anne Frances Esselburne, Columbus; B.A. (College of Saint Mary of the Springs); M.A.; *Education*; Dr. John B. Hough

Duane Wright Essex, Sacramento, Calif.; B.A., M.A. (Sacramento State College); *Psychology*; Dr. Philip M. Clark and Dr. Dorothy Jackson

Martin Rupert Evans, Rexdale, Canada; B.S., B.S.M.T. (Akron University); *Medical Microbiology*; Dr. Vincent V. Hamparian

Gary Douglas Ewing, Slidell, La.; B.S. (Louisiana State University); *Chemistry*; Dr. Leo A. Paquette

Badie Naiem Farah, Southfield, Mich.; B.S. (University of Damascus, Syria); M.S. (Wayne State University); M.S.; *Industrial and Systems Engineering*; Dr. Richard A. Miller

Wade Ferguson, Thornville; B.S. (Oklahoma State University); M.B.A. (Oklahoma City University); *Business Administration*; Dr. Bernard J. LaLonde

Sandra Yetta Fields, Cleveland Heights; B.A. (University of Texas); M.S.W. (Sacramento State College); *Social Work*; Dr. Milton S. Rosner

Matthew Victor Filipic, Parma; A.B. (John Carroll University); M.A.; *Political Science*; Dr. Randall B. Ripley

Matia Finn, Columbus; B.S.Ed., M.A.; *Education*; Dr. C. Ray Williams

Mary Margaret Fonow, Steubenville; A.B. (Ohio University); M.A.; *Sociology*; Dr. Laurel Richardson Walum

Carol Bernice French, Columbus; B.S. in Ed. (Ashland College); M.A. (Kent State University); *Education*; Dr. Aaron J. Miller

Alan Fried, Fairlawn, N. J.; B.S. (Fairleigh Dickinson University); M.S.; *Chemistry*; Dr. C. Weldon Mathews

William Gray Galbreath, Columbus; B.A. (Pennsylvania State University); M.A.; *Psychology*; Dr. Robert E. Campbell

William David Geoghegan, Bridgeport, Conn.; B.A., M.S. (University of Bridgeport); *Anatomy*; Dr. G. Adolph Ackerman

Nehemia (Gutenberg) Geva, Tel Aviv, Israel; B.A., M.A. (Tel-Aviv University); *Psychology*; Dr. Thomas M. Ostrom

Richard Joseph Gladon, Tallmadge; B.S. (Ohio Northern University); M.S. *Horticulture*; Dr. George L. Staby

H. Richard Gooch, Worthington; B.S. in Soc.Adm.; M.A. (Kent State University); *Education*; Dr. William D. Dowling

Theodore James Green, Troy, N. Y.; B.S. (Cornell University); M.S.; *Microbiology*; Dr. Julius P. Kreier

Charlotte Gail Guntermann, Tempe, Ariz.; B.A. (University of Montana); M.A. (University of New Mexico); *Education*; Dr. Gilbert A. Jarvis

David Lee Hamilton, Ashland; B.S.Ed. (Ashland College); M.A.; *Education*; Dr. W. Frederick Staub

David Jerome Harmon, Charleston, W. Va.; B.S. (West Virginia Institute of Technology); M.A. (Ball State University); *Education*; Dr. Stanley L. Helgeson

William David Hauelsen, Columbus; B.A. (Capital University); M.Div. (Evangelical Theological Seminary); M.A., M.B.A.; *Business Administration*; Dr. H. Randolph Bobbitt, Jr.

Susan Mintern Hegland, Columbus; B.A. (Saint Olaf College); M.S. (Iowa State University); *Psychology*; Dr. George G. Thompson

Richard Le Holladay, Riverside, Calif.; B.A. (University of California); M.A.; *Music*; Dr. Norman F. Phelps

Peter Abraham Horn, Short Hills, N. J.; A.B. (University of Pittsburgh); M.A.; *Philosophy*; Dr. Bernard Rosen

- Joann Horton, Lenoir, N. C.; B.S., M.A. (Appalachian State University); *Education*; Dr. William Moore, Jr.
- Carol Gray Hosenfeld, West Springfield, Mass.; A.B. (Barnard College); M.A. (Middlebury College); *Education*; Dr. Gilbert A. Jarvis
- Bryan Hiroshi Ikeda, Bedford; B.A. (Kenyon College); *Chemistry*; Dr. Perry A. Frey
- Kenneth Earl Inkrott, Glandorf; B.S. (Saint Joseph's College, Indiana); M.S.; *Chemistry*; Dr. Sheldon G. Shore
- James Joseph Jambalvo, Chicago, Ill.; B.S., M.A.S. (University of Illinois); *Accounting*; Dr. Thomas J. Burns
- Stephanie May Jung, Los Angeles, Calif.; B.S. (University of California); *Chemistry*; Dr. Robert M. Mayer
- Krishnamurthi Kannan, Durg, India; B.Tech. (India Institute of Technology at Bombay); M.Tech. (India Institute of Technology at Kanpur); M.S.; *Computer and Information Science*; Dr. David K. Hsiao
- Dennis Allan Kelly, Akron; A.B. (Princeton University); M.A.; *Psychology*; Dr. John E. Horrocks
- Michael Patrick Kelty, Youngstown; B.S. (John Carroll University); *Zoology*; Dr. Sheldon I. Lustick
- Clement Jotindrakumar Khisty, Toledo; B.Sc. (Nagpur University, India); M.S.C.E., M.C.P. (University of Cincinnati); *Civil Engineering*; Dr. Zoltan A. Nemeth
- Joseph Michael Kishton, Columbus; B.S., M.A.; *Psychology*; Dr. Henry R. Angelino
- Richard John Knecht, Columbus; B.S. in Educ. (University of Dayton); M.A. (Miami University); *Communication*; Dr. Joseph M. Foley
- James Wayne Knight, Columbus; B.S.E.E., M.S.; *Industrial and Systems Engineering*; Dr. John B. Neuhardt
- Jeffrey Ayres Knight, Homewood, Ill.; A.B. (Oberlin College); M.S.; *Genetics*; Dr. C. William Birky, Jr.
- Bruce Stuart Koch, Fort Lauderdale, Fla.; B.S.B.A., M.A. (University of Florida); *Accounting*; Dr. Thomas J. Burns
- Michael Ralph Kramer, Dayton; B.E.E. (University of Dayton); M.S.; *Electrical Engineering*; Dr. Herman R. Weed
- Virginia Lee, Fishkill, N. Y.; B.A. (State University of New York College at Oneonta); M.S.; *Statistics*; Dr. D. Ransom Whitney
- Joan Kinnach Lehr, Elyria; B.F.A. (Ohio University); M.A.; *Music*; Dr. A. Peter Costanza
- Sheng Shong Lin, Taipei, Taiwan, R.O.C.; B.S.Agr. (National Taiwan University); M.S. (Auburn University); M.S.; *Civil Engineering*; Dr. Kamran Majidzadeh
- Chung-Der Liu, Tainan, R.O.C.; B.S., M.S. (National Taiwan University); M.S., M.S.; *Mathematics*; Dr. Geza Freud
- Ming-Ru Liu, Tainan, R.O.C.; B.Sc. (National Taiwan Normal University); M.S., M.S.; *Statistics*; Dr. D. Ransom Whitney
- William Loh, Willingboro, N. J.; B.S. (University of Washington); M.S.; *Pharmacy*; Dr. Donald T. Witiak
- Carol Freshwater Manchester, East Liberty; B.S.Ed., M.A.; *Education*; Dr. Joseph J. Quaranta
- Dale Edward Manty, Columbus; B.A., M.S.Cons. (University of Michigan); *Agricultural Education*; Dr. J. Robert Warmbrod
- Delores Ann Marik, Garfield Heights; A.B. (Indiana University); M.S.; *Computer and Information Science*; Dr. Lee J. White
- Caroline Dorney Marvin, Bartlesville, Okla.; A.B. (Monmouth College); M.A.; *Psychology*; Dr. George G. Thompson
- Lawrence E. Mathes, Columbus; B.S. (Kansas State University); M.S.; *Microbiology*; Dr. Richard G. Olsen
- Rebecca Louise McBride, Hartsville; B.S. (Milligan College); *Botany*; Dr. Michael L. Evans
- Dennis Lee McGarry, Lewisville; B.Met.E., M.S.; *Metallurgical Engineering*; Dr. Joseph W. Spretnak
- James Franklin McKenzie, Columbus; B.S.Ed., M.Ed. (Bowling Green State University); *Health Education (Physical Education)*; Dr. Mary K. Beyrer
- John Raymond McKivigan, Columbus; B.A. (Indiana University of Pennsylvania); M.A.; *History*; Dr. Merton L. Dillon
- Paul Francis McManamon, Fairborn; B.S. (John Carroll University); M.S.; *Physics*; Dr. Clifford V. Heer
- Clifford Thomas McPeak, Fairborn; B.S.Ed., M.Ed. (Miami University); *Physical Education*; Dr. Donald K. Mathews
- Robert Alan Mechikoff, Whittier, Calif.; B.A., M.A. (California State University); *Physical Education*; Dr. Seymour Kleinman
- Henry Dwight Mercer, Great Falls, Va.; B.S.A., D.V.M. (University of Georgia); M.S. (University of Florida); *Veterinary Physiology and Pharmacology*; Dr. Thomas E. Powers
- Norman Gene Miller, Cincinnati; B.S.Bus.Adm., M.A.; *Business Administration*; Dr. Ronald L. Racster
- Sigrid Payne Milner, Columbus; B.A., B.A. (English), M.A. (University of Washington); *English*; Dr. Christine K. Zacher
- Thamrongsak Moenjank, Dhonburi, Thailand; B.Ed. (College of Education); M.A.; *Education*; Dr. Robert B. Sutton
- Esmat Fardin Moheimani, Tehran, Iran; Lic. (Tehran University); M.A.; *Education*; Dr. Robert B. Sutton
- James Donald Mooney, Ridgefield; B.S.E.E. (University of Notre Dame); M.S.; *Electrical Engineering*; Dr. Kenneth J. Breeding
- Sarah Nipah, Kumasi, Ghana; B.S.Agr., M.S.; *Agricultural Education*; Dr. Clarence J. Cunningham
- James Ernest Norman, Goldsboro, N. C.; B.S. (Fayetteville State University); M.Ed. (North Carolina State University); *Education*; Dr. John O. Cooper
- David Jeff Nungesser, Columbus; B.S.Ed., M.A.; *Education*; Dr. Donald R. Bateman
- Anne Marie O'Keefe, Gary, Ind.; A.B. (Indiana University); M.A.; *Psychology*; Dr. Steven J. Gross and Dr. Curtis A. Sandman
- Joseph H. Oshins, Washington, D. C.; A.B. (University of Missouri); *English*; Dr. John M. Muste
- Jeanne Louise Pantone, Columbus; B.S. (University of Washington); M.A.; *Psychology*; Dr. Charles Wenar
- Pasqual Joseph Pantone, Pittsburgh, Pa.; B.A. (Pennsylvania State University); M.A.; *Psychology*; Dr. John E. Horrocks
- Richard Earl Parent, Dayton; B.S. (University of Dayton); M.S.; *Computer and Information Science*; Dr. B. Chandrasekaran
- Claire Lucille Parkinson, Shelburne, Vt.; B.A. (Wellesley College); M.A.; *Geography*; Dr. John N. Rayner
- Donna Sue Phillips, Macomb, Ill.; B.S.Ed. (Eastern Illinois University); M.S.Ed. (Western Illinois University); *Physical Education*; Dr. Daryl Siedentop
- Steven John Phillips, Streamwood, Ill.; B.A. (Knox College); M.S.; *Microbiology*; Dr. James C. Copeland
- Hal Griffin Rainey, Columbus; B.A. (University of North Carolina); M.A.; *Public Administration*; Dr. Paul G. Craig
- Peter Webb Reynolds, Irvington, N. J.; A.B. (Hope College); *Chemistry*; Dr. John S. Swenton
- Jerry Ray Redding, Mason, Mich.; B.A., M.A. (Michigan State University); *Communication*; Dr. Joseph M. Foley
- Toni Tripp Reimer, Columbus; B.S.Nurs. (University of Maryland); M.S., M.A.; *Anthropology*; Dr. Frank E. Poirier
- Jeffrey Paul Richetto, Warren; B.A., M.A.; *Geography*; Dr. R. Keith Semple
- Barbara Hill Rigney, Columbus; B.A., M.A.; *English*; Dr. Morris Beja
- David Lee Ronis, University Heights; B.A. (University of Rochester); M.A.; *Psychology*; Dr. Anthony G. Greenwald
- Novella Madison Ross, Nashville, Tenn.; B.S. (Agricultural and Technical College of North Carolina); M.A.Ed. (Tennessee Agricultural and Industrial State University); *Education*; Dr. Mildred Hillestad
- Karen Brown Rubin, Knoxville, Tenn.; B.A. (Florida State University); M.A.; *Psychology*; Dr. Henry R. Angelino
- Nicolae Sacalis, Bucharest, Romania; Licentiate (University of Bucharest); M.A.; *Education*; Dr. Robert B. Sutton
- Janice Ruth Sandiford, Columbus; B.S.Nurs., M.A.; *Education*; Dr. Aaron J. Miller
- Marie Menza Schrader, Cuyahoga Falls; B.A. (University of Akron); M.A.; *Education*; Dr. Anthony C. Riccio
- Camille Passler Schuster, Columbus; B.S.E. (University of Wisconsin at Whitewater); M.A. (Arizona State University); *Communication*; Dr. James L. Golden

George Edward Serednesky, Columbus; B.A. (Youngstown State University); M.A. (Austin Peay State University); *Education*; Dr. Anthony C. Riccio

Maurice J. Sevigny, Kingston, Mass.; B.S. (Massachusetts College of Art); M.A.; *Art Education*; Dr. Arthur D. Eftand

Roy Shapiro, South Euclid, B.A., M.A.; *Psychology*; Dr. Charles Wenar

Patricia Mary Shields, Columbus; B.S. (University of Maryland); M.A.; *Public Administration*; Dr. Clinton V. Oster

H. L. Shivaprasad, Bangalore, India; B.V.Sc. (University of Agricultural Sciences); M.V.Sc. (University of Agriculture and Technology); M.S.; *Poultry Science*; Dr. Karl E. Nestor

Arnold Edmond Skidmore, Jr., Worthington; B.S.Ed., M.A.; *Education*; Dr. Elsie J. Albery

Raymond Joseph Smith, Cambridge, Mass.; B.A. (Boston College); M.A.; *Classics*; Dr. Robert J. Lenardon

Augusto Cesar de Monteiro Soares, Fortaleza, Brazil; B.S. (University of Ceara); M.S.; *Agricultural Economics and Rural Sociology*; Dr. Richard L. Meyer

Howard Michael Sokolow, Belmar, N. J.; B.A. (University of Massachusetts); M.A.; *Education*; Dr. Gerald M. Reagan

Janice Hoffman Soler, Columbus; B.A.Ed. (Seattle University); M.A. (New York University); *Romance Languages and Literatures*; Dr. Salvador Garcia Castaneda

John Phillip Sostrom, Yellow Springs; B.A., M.A. (University of Wyoming); *Education*; Dr. Alexander Severino

Leslie Earl Stansbery, Columbus; B.A. (University of Denver); B.D. (Union Theological Seminary); M.A.; *Political Science*; Dr. Chadwick F. Alger

Carol Jean Stevens, Stonington, Conn.; B.S. (Central Connecticut State College); M.A.; *Physical Education*; Dr. Edward L. Fox

Marie Braggs Stinson, Columbus; B.S.Ed., M.Ed.; *Education*; Dr. Walter G. Hack

Richard Joseph Sujdak, Carnegie, Pa.; B.S. (Carnegie-Mellon University); M.S.; *Chemistry*; Dr. Leon M. Dorfman

James Madison Tolliver, Reynoldsburg; B.S.Bus.Adm.; *Business Administration*; Dr. Orlando C. Behling

Beverly Guella Toomey, Columbus; B.A. (Miami University); M.S.W.; *Social Work*; Dr. Leonard Schneiderman

Bruce Homer Traub, Seattle, Wash.; B.S.L. (Mountain View Bible College); B.A. (Seattle Pacific College); M.A.; *Psychology*; Dr. James E. Erickson and Dr. Mari R. Jones

Fiona Henderson Travis, Columbus; B.A. (Muskingum College); M.A.; *Education*; Dr. Anthony C. Riccio

David Edward Traweck, Columbus; B.S. (University of Idaho); *Interdisciplinary: Psychology, Photography, Natural Resources, Communication and Sociology*; Dr. Gabriel J. Cherem and Dr. Robert E. Roth

Luke Uka Uche, Swannanoa, N. C.; B.A. (Warren Wilson College); M.A.; *Communication*; Dr. James L. Golden

Caio Vidor, Porto Alegre, Brazil; Engenheiro Agronomo, Mestre em Salos (Universidade Federal do Rio Grande do Sul); *Agronomy*; Dr. Robert H. Miller

Wayne Lee Westcott, State College, Pa.; B.S., M.S. (Pennsylvania State University); *Physical Education*; Dr. Daryl Siedentop

Howard Bruce Williams, Columbus; B.S. (Morgan State College); D.V.M. (Tuskegee Institute); *Veterinary Physiology and Pharmacology*; Dr. Thomas E. Powers

Terry Michael Williams, Columbus; B.S. (Old Dominion University); M.Ed. (Virginia Commonwealth University); *Education*; Dr. Neal E. Vivian

Linda Heding Wolff, Columbus; B.S. (Elizabethtown College); M.S.; *Microbiology*; Dr. Richard G. Olsen

Peter Puitak Yeh, Hong Kong; B.S. (Indiana University of Pennsylvania); *Chemistry*; Dr. Theodore Kuwana

Master of Accounting

Two candidates

Orzil Stanley Buggs, Eustis, Fla.; B.S. (Florida A & M University); *Accounting*

Howard Louis Klein, Beachwood; B.S. (Miami University); *Accounting*

Master of Architecture

Two candidates

Dhatee Mahatharadol, Bangkok, Thailand; B.S.Arch. (University of Wisconsin); *Architecture*

Kenneth John Mlicki, Columbus; B.S.Arch.; *Architecture*

Master of Arts

One hundred and eighty-four candidates

Ogein B. Adams, Kaduna, Nigeria; B.A. (Ahmadu Bello University); *Education*

Eugene Anthony Altomare, Leetonia; B.A. (Youngstown State University); *Education*

Gabriella Amato, Milano, Italy; B.A. (Marshall University); *Romance Languages and Literatures*

Jane Broderick Anziano, North Bellmore, N. Y.; B.A. (State University of New York College at Oneonta); *Communication*

Melanie Mark Baer, Columbus; B.S.Ed. (Miami University); *Education*

Linda Darnell Bailey, Paterson, N. J.; B.S.Ed. (Morgan State University); *Education*

Shelley Brenner Baird, Columbus; B.F.A. (Indiana University); *Photography and Cinema*

Janice Collette Ball, Columbus; B.S.Ed. (Ohio Dominican College); *Education*

Willard F. Banker, Jr., Memphis, Tenn.; B.M. (Memphis State University); *Music*

Garnet Leigh Bass, Nashville, N. C.; B.A. (University of North Carolina); *Journalism*

Sharon McCabe Baukman, Philadelphia, Pa.; B.A. (Cheyney State College); *Sociology*

Nancy Sutherland Belliveau, Cincinnati; B.S.Ed. (Miami University); *Physical Education*

Mark C. Berger, Sylvania; B.A. (University of Toledo); *Economics*

Kimberly Kay Bergman, Beaver Falls, Pa.; B.A. (Thiel College); *Education*

Arthur L. Block, Gahanna; B.S. (Capital University); *Education*

Meredith S. Blum, Hamilton; B.S.Soc.Wel.; *Education*

Nikki Jo Borman, Marietta; B.A.; *Public Administration*

Kenneth Alan Brenner, Akron; B.Mus.Ed.; *Music*

Jeffrey C. Brethauer, Conestoga, Pa.; B.A. (University of Rhode Island); *Philosophy*

Diedra Yvonne Brooks, Laurel, Md.; B.S. (Oakwood College); *Communication*

Sandra Ruth Brotman, Cleveland; B.A. (University of Cincinnati); *Communication*

Brenda S. Brown, Columbus; B.S.Ed.; *Education*

Garrett Charles Brusco, Westerville; B.S.Ed.; *Education*

Joseph Paul Burgoon, Baltimore; B.B.A. (Ohio University); *Education*

Toora V. Burton, Portsmouth, Va.; B.A. (Saint Augustine's College); *Political Science*

Rosemary Daniel Butzer, Pickerington; B.S.Nurs.; *Health Education (Physical Education)*

Charles Stephen Cademartori, Hoboken, N. J.; B.A. (Newark State College); *Education*

Mary M. Carey, Richwood; B.S.Ed.; *Education*

Ralph Carter, Wichita Falls, Tex.; B.A. (Midwestern University); *Political Science*

Jerome David Catalano, Lorain; B.S. (Saint Joseph College); *Music*

Ann Marie Cavanaugh, Warren; B.A. (Cleveland State University); *Education*

Lillian Lee Chappelle, Birmingham, Ala.; B.A. (University of Alabama); *Communication*

Mary Ellen Chappelle, Columbus; B.A. (Capital University); *Education*

Hwai-Hwa Chen, Petiotou, R.O.C.; B.A. (National Taiwan University); *East Asian Languages and Literatures*

Jau-Huey Chen, Kaohsiung, R.O.C.; B.A. (National Taiwan University); *Economics*

- Min-Tze Chen, Taipei, R.O.C.;
B.Ed. (National Taiwan University);
Education
- Mary Beth Ratcliff Chickarella, Columbus;
B.A.; *Communication*
- Marilyn Harris Clinger, Pickerington;
B.S.Ed.; *Education*
- Karin Van Almen Connell, Columbus;
B.A. (Baldwin-Wallace College);
Art Education
- Sandy Cook, Columbus;
B.S.; *Education*
- Tim Randall Cook, Bucyrus;
B.S.Ind.Des.; *Industrial Design*
- Thomas Wayne Cramerand, Columbus;
B.A.; *Journalism*
- Betty Jane Phelps Cunningham, Columbus;
B.S.Ed.; *Art Education*
- Mark Steven Curtis, Columbus;
B.A. (Capital University); *Education*
- Nancy Lynne Dare, Berkeley Heights, N. J.;
B.A. (Marietta College); *Education*
- Nancy Whitacre Davy, Columbus;
B.S.Ed.; *Education*
- Phillip Jay Decker, Columbus;
B.A. (San Diego State University);
Psychology
- Catherine Weber Dygert, Worthington;
B.A. (Michigan State University);
Education
- Connie Brammer Edwards, Marysville;
A.B. (Wittenberg University); *Education*
- Linda Louise Fannin, San Antonio, Tex.;
B.J. (University of Texas at Austin);
Journalism
- Daniel Leslie Farslow, Windsor, Ont., Canada;
B.A. (University of Windsor);
Anthropology
- Rebecca Nevers Fellows, Mansfield, Conn.;
B.S. (University of Connecticut);
Physical Education
- Mary Anne Holloway Fewell, Columbus;
B.S. (West Virginia University);
Education
- Mary Lou Finnegan, Dedham, Mass.;
B.A. (Tufts University); *Psychology*
- Sandra R. Flanagan-St. Cyr, Columbus;
B.S.Ed. (University of Dayton); *Education*
- Mary Ann Fronk, Dover;
B.S.Ed.; *Public Administration*
- Sue Heidenreich Gabriel, Columbus;
B.S.Nurs; *Health Education (Physical Education)*
- Lindsay Schatz Graves, Columbus;
B.A. (Denison University); *Education*
- Kenneth Charles Green, Shaker Heights;
B.A. (New College); *Education*
- Chester Anthony Gunka, Dunkirk;
B.S.Ed.; *Education*
- Ellen C. Hahn, Columbus;
B.S.Nurs. (Case Western Reserve University); *Health Education (Physical Education)*
- Robin Jean Hailstorks, Washington, D. C.;
B.S. (Morgan State University);
Psychology
- Linda Lee Hale, Morehead, Ky.;
A.B. (Morehead State University);
Education
- Pamela Ann Harrison, Niles, Mich.;
B.S. (Marquette University);
Communication
- Nancy A. Hawes, Hadley, Mass.;
B.S. (University of New Hampshire);
Communication
- Lynne Margolis Heilbrunn, Columbus;
B.A. (State University of New York College at Binghamton); *Health Education (Physical Education)*
- David Lewis Hiatt, Columbus;
B.S.Ed.; *Education*
- Sandra Allison Hill, Heath;
B.A. (Ohio Dominican College);
Art Education
- Beth L. Hodder, Westerville;
B.A. (Otterbein College); *Education*
- Karen Rodgers Holinga, Orient;
B.S.Ed. (Indiana University); *Education*
- Steven W. Holub, Cincinnati;
B.S. (University of Cincinnati);
Journalism
- Michael Joseph Hoza, Youngstown;
B.A. (Youngstown State University);
Sociology
- Tao-Lin Hwang, Columbus;
B.A., M.A. (National Taiwan University);
Anthropology
- Gerard Thomas Izzo, Bellefontaine;
A.B. (Kenyon College); *History*
- Berenice Virginia Johnson, St. James, Barbados; B.A., M.A. (Howard University); *Education*
- Patricia Rue Jones, Parma;
B.A. (Ohio Wesleyan University);
Romance Languages and Literatures
- Joan N. Kaderavek, Columbus;
B.S. (Miami University); *Communication*
- M. Ann Kargas, Columbus;
B.S. (University of Minnesota); *Education*
- Kyriakos Karoutsos, Boston, Mass.;
B.A. (University of Massachusetts);
Anthropology
- Thomas J. Katzenmeyer, Youngstown;
B.A. (University of Georgia); *Journalism*
- Dorothy Birge Keller, Columbus;
B.A. (Oberlin College); M.A. (University of Michigan); M.S.W.; *Public Administration*
- Beth Ann Kennedy, Utica;
B.S.Ed.; *Education*
- Mark T. Kernan, College Park, Md.;
B.S. (University of Maryland); *Psychology*
- Carole Henderson Kerns, Bellefontaine;
B.S.Ed.; *Communication*
- Arlene Kiefer, Painesville;
B.A.; *Romance Languages and Literatures*
- Thomas L. Kimball, Eliot, Me.;
B.A. (University of Maine); *Psychology*
- Thomas J. Knobbe, Auburn, Ia.;
B.S. (University of Iowa); *Psychology*
- Bogdan Kokot, Stalowa Wola, Poland;
Cum laude Appraturour (University of Helsinki); *Slavic Languages and Literatures*
- Renée Marie Lange, Columbus;
B.S.Nurs.; *Health Education (Physical Education)*
- William F. Lee, Shaker Heights;
B.A. (Ohio Wesleyan University);
Education
- Yu-Min Lee, Taipei, R.O.C.;
B.A. (National Cheng-Kung University);
East Asian Languages and Literatures
- Sally Z. Leffer, Westerville;
A.B. (Asbury College); *Education*
- Walter Robert Leonard, Logan;
B.Mus.Ed.; *Music*
- David Harvey Levine, Brooklyn, N. Y.;
B.A. (Florida Atlantic University);
Sociology
- Emery Jerome Lewis, Jackson, Miss.;
B.A. (Tougaloo College); *Music*
- Rebecca Vulgamore Long, Jasper;
B.S.H.E.; *Education*
- Terrence W. Macy, Rocky Hill, Conn.;
B.A. (Assumption College); *Psychology*
- Pamela Park Malcolm, Columbus;
B.A.; *Sociology*
- Joyce A. Malinak, Parma;
B.A.; *Public Administration*
- Bonnie Crawford Marshall, Conyers, Ga.;
B.A. (Milligan College); *Education*
- Candace Obreza Martin, Euclid;
B.S.Ed.; *Education*
- Thomas W. Martin, Chillicothe;
B.S. (Huntington College); *Education*
- Josephine A. Matthews, Somerset, Pa.;
B.A.; *East Asian Languages and Literatures*
- Sibyl L. McCualsky, Columbus;
B.A. (Otterbein College); *Physical Education*
- Jerry R. McDonald, Columbus;
B.A.; *Public Administration*
- Gerald Paul McDonough, Delaware;
B.S.Ed.; *Education*
- Dwight Peter Miller, Melville, N. Y.;
B.A. (Lafayette College); *Psychology*
- Linda Sue Miller, Mountain View, Okla.;
B.S.Ed.; *Education*
- George A. Modreck, Bridgeport;
B.A.; *Communication*
- Lois J. Monaghan, Columbus;
B.A. (Central Michigan University);
Education
- Steven Lee Montgomery, Pickerington;
B.S.Ed. (Ohio University); *Education*
- Janine Annette Moon, Mansfield;
B.S.Ed. (Bowling Green State University);
Education
- Karen Lynn Muir, Columbus;
B.A.; *Anthropology*
- Mary Jane Murphy, Columbus;
B.S. (Miami University); *Art Education*
- Harold Hudson Murry, Plain City;
B.A. (Bowling Green State University);
Public Administration
- James Hull Nelson, Columbus;
B.S.Ed.; *Education*
- Lawrence M. Novicky, Youngstown;
B.A. (Youngstown State University);
Public Administration
- Kalu Ogbaa, Umuchiakuma Ihechiowa, Nigeria; B.A. (University of Nigeria);
Black Studies

Lawrence S. Owen, Columbus;
B.A. (Rio Grande College); B.D.
(Southern Baptist Theological Seminary);
Education

Linda Wilson Oxley, Columbus;
B.A.; *English*

Senay Vecihe Pasinler, Columbus;
B.S.Ed., B.A.; *English*

Diana Craig Patch, Columbus;
B.A. (Washington University);
Anthropology

Esther Y. Porter, Mansfield;
B.S.Ed. (Ashland College); *Education*

Barbara Ward Prince, Urbana;
B.S.Ed.; *Education*

Karen Lou Rafeld, Ashland;
B.S.Ed.; *Journalism*

Susan Elaine Ragan, Columbus;
B.S.Ed.; *Education*

Janet S. Reitz, Columbus;
B.A.; *Communication*

David L. Rich, Marion;
B.S.Ed. (Taylor University); *Health
Education (Physical Education)*

Eric David Robinson, Utica;
B.I.E.; *English*

Robert McCollum Robinson, Jr.,
Houston, Tex.; B.A. (University of Texas
at Austin); *Psychology*

Rita Rae Root, Pickerington;
B.S.H.E.; *Education*

Mary Anne Russell, Sharon Center;
B.A.Ed. (University of Akron);
Communication

Timothy Wells Russell, Columbus;
B.Mus.Ed. (Northwestern University);
Music

Paul R. Sackett, Milwaukee, Wis.;
B.A. (Marquette University); *Psychology*

Roy J. Schlinkert, Cincinnati;
B.A. (University of Cincinnati);
Journalism

Carolyn Woodford Schmidt, Akron;
B.F.A. (Miami University); *History of Art*

Daniel Lee Schumacher, Pandora;
B.A. (Bluffton College); *Economics*

Clayton A. Scott, Statesville, N. C.;
B.A. (Winston-Salem State University);
Political Science

Joseph R. Seger, Sidney;
B.S.Ed.; *Physical Education*

Gail Ruth Setterfield, Cleveland;
B.Art Ed.; *Art Education*

Francine Sevel, Cleveland;
B.A. (Miami University); *Journalism*

Beverly Lynn Shaffer, Columbus;
B.A.; *Communication*

*Shirley Adele Shank, Dublin;
Communication

Stephanie Lasch Shaw, Newark;
B.S.Ed.; *Education*

Johnelle Lorraine Sherald,
Georgetown, S. C.;
B.S. (Saint Augustine's College);
Physical Education

Mark Allen Sherouse, Miami, Fla.;
B.A. (Florida State University); M.A.;
Education

Marilyn Hathaway Shore, Columbus;
B.S.Ed.; *Education*

Renée Deane Show, Zanesville;
B.Mus. (Ohio Wesleyan University); *Music*

Susan Lynn Shrimplin-Shoaf, Medina;
B.S.Ed. (Otterbein College); *Education*

Diane Elaine Shubert, Columbus;
B.S. (Baldwin-Wallace College); *Education*

Janis Carmell Shuller, Columbus;
B.S.Ed. (University of Virginia);
Communication

Barry Roy Silvey, Cleveland;
B.S.Ed.; *Education*

Michael Joseph Simonton, Dayton;
B.A. (University of Dayton);
Anthropology

Ali Asaad Sirhal, Columbus;
B.A.Bus.Ad. (Bowling Green State
University); *Business Administration*

Kenneth James Sluss, Pickerington;
B.A., B.S.Ed.; *Education*

Shirley Elaine Smith,
St. Michael, Barbados; B.A. (University of
the West Indies); *Education*

George Edward Steele, Columbus;
B.S.Ed.; *Education*

David W. Steinke, Groveport;
B.Mus. (Capital University); *Music*

Randall W. Sweeney, Salem;
B.S.Ed.; *Public Administration*

Terry Michael Thomas,
North Huntingdon, Pa.;
B.A. (Pennsylvania State University);
Political Science

Alton Thompson, Blounts Creek, N. C.;
B.A. (North Carolina Central University);
Sociology

Dora Fairchild Thompson, Columbus;
B.A. (Wittenberg University); *Journalism*

Francis Joseph Tokarsky, Jr., Dayton;
B.S. (Wright State University);
Public Administration

Michael William Torello, Jr., Columbus;
B.A. (Southern Connecticut State College);
Psychology

Jeffery Arnold Tracy, Columbus;
B.S.Ed.; *Physical Education*

Joyce Chibuzo Uche,
Abayi-Ngwa Ukwu, Nigeria;
B.A. (University of Nigeria); *Journalism*

Susanne Marie Vandemark, Columbus;
B.S.Ed.; *Health Education (Physical
Education)*

Mary Foddai Vaughn, Jersey City, N. J.;
B.A. (Saint Peter's College); *English*

Mary Josephine Lynch Vogeler, Columbus;
B.S.Ed. (Xavier University); *Education*

Diana Cobbs Walker, Columbus;
B.A. (Kentucky State University);
Education

William Garrett Walkup, Saxonburg, Pa.;
B.A. (Capital University); *Education*

Gerald Patrick Wallace, Columbus;
B.S.Ed.; *Education*

Susan Wegrzyniak Wasmund, Chifton,
N. J.; B.S.Ed.; *Physical Education*

Judy MariAn Watson, Upper St. Clair, Pa.;
B.S. (Purdue University); *Communication*

Mark E. Wenden, Worthington;
B.A.; *Anthropology*

Frank White, III, San Antonio, Tex.;
B.A. (Prairie View A & M University);
Journalism

Kipling D. Williams, Seattle, Wash.;
B.S. (University of Washington);
Psychology

Dorothy Gelane Wilson, Lockhart, Ala.;
B.A. (Stillman College); *Education*

Kathleen Meyer Windau, Lima;
B.S.Ed. (Miami University); *Education*

Richard Arthur Wolfson,
Valley Stream, N. Y.; B.S.Ed. (City
College); *Education*

Carlotta P. Workman, Zanesville;
B.S.Ed. (Ohio University); *Education*

Christine L. Yash, Poland;
B.S. (Miami University); *Education*

William Meredith Zeigler, Columbus;
B.S. (Bowling Green State University);
Education

Ann F. Zeliger, New York, N. Y.;
A.B. (Alfred University); *History of Art*

Master of Business Administration

Thirty-one candidates

Michael Alexander Armstrong, Cleveland;
B.B.A. (Ohio University);
Business Administration

William Michael Bridges,
San Francisco, Calif;
B.A.; *Business Administration*

Daniel P. Buetting, Columbus;
B.A. (DePauw University);
Business Administration

Gerald T. Campbell, Chillicothe;
B.A. (Bellarmine College);
Business Administration

Neville Caulfield, Van Wert;
B.S.M.E., M.S.; *Business Administration*

Mohamad Chandra, Jakarta, Indonesia;
B.A. (University of San Francisco);
Business Administration

Martin James Cinadr, III, Brecksville;
B.S.Bus.Ad.; *Business Administration*

Lloyd Charles Crissinger, III,
Prattville, Ala.;
B.S. (University of Alabama);
Business Administration

Kenneth M. Cymbal, Parma;
A.B. (Miami University); J.D.;
Business Administration

Albert Floyd Fillenwarth, Clearwater, Fla.;
B.S.Ind.Des.; *Business Administration*

William E. Gifford, III, Worthington;
B.A. (Tulane University);
Business Administration

Kazem Johar Hayat, Columbus;
B.B.A. (Ohio University);
Business Administration

Stephen Howard Hersch, Beachwood;
B.S.Bus.Ad.; *Business Administration*

Rochelle Benay Kaplan, Trotwood;
B.S.Bus.Ad.; *Business Administration*

Timothy A. King, Columbus;
B.S.Bus.Ad.; *Business Administration*

* Also Bachelor of Arts, Colleges of the Arts and
Sciences

Eric Russell Kingery, Newark;
B.S.Ed.; *Business Administration*

Donald Michael Kurdziel, Canton;
B.S.Bus.Adm.; *Business Administration*

James Edward Malinak, Cleveland;
B.S.Eng. (Case Western Reserve
University); M.S. (California Institute of
Technology); *Business Administration*

Leo E. McNeil, Jr., Columbus;
B.S.Bus.Adm.; *Business Administration*

James M. Meeth, Columbus;
B.S.Ed.; *Business Administration*

Thomas Michael Murnane, Columbus;
B.S.Bus.Adm.; *Business Administration*

Paul Taylor Myers, Delaware;
B.A. (Ohio Wesleyan University);
Business Administration

Gregory Igberaeraoya Okosun,
Ekpoma, Nigeria;
B.Sc. (University of Ibadan);
Business Administration

Davis Currier Palmer, Columbus;
B.S. (Miami University);
Business Administration

K. Wayne Robison, Port Matilda, Pa.;
B.S.Acct. (Pennsylvania State University);
Business Administration

Patricia Caiola Sabella, Columbus;
B.A. (Michigan State University);
Business Administration

James Richard Schneble, Dayton;
B.S.Acct. (Wright State University);
Business Administration

Frank Shulterbrandt, Jr.,
St. Thomas, Virgin Islands;
B.A.Bus.Adm. (Lincoln University);
Business Administration

Nageeb Abdalla Suleiman, Kinsman;
B.S.Bus.Adm.; *Business Administration*

Bruce Lee Thomas, Soda Springs, Fla.;
B.S. (University of Idaho); M.P.A.;
Business Administration

Masanori Yamaguchi, Nara-City, Japan;
B.Educ. (University of Tokyo);
Business Administration

Master of City and Regional Planning

Two candidates

Gary L. Bauer, Columbus;
B.A.; *City and Regional Planning*

Marilyn Jean Bauer, Columbus;
B.A.; *City and Regional Planning*

Master of Fine Arts

Two candidates

Kyu-Nam Han, Seoul, Korea;
B.F.A. (Seoul National University); *Art*

Karen S. Kunc, Ralston, Neb.;
B.F.A. (University of Nebraska); *Art*

Master of Labor and Human Resources

Two candidates

Dulce Arenas de Acosta,
Valencia, Venezuela;
B.B.A. (University of Wisconsin);
Labor and Human Resources

Jeffrey A. Windom, Columbus;
B.A.; *Labor and Human Resources*

Master of Music

Four candidates

Michele Florence Cleveland, Worthington;
B.A. (Oakwood College); *Music*

Jean Ann Knox, Logan;
B.Mus. (Capital University); *Music*

John Michael Smith, Virginia Beach, Va.;
B.Mus. (East Carolina University); *Music*

Roy Sonne, New York, N. Y.;
B.S. (Mannes College of Music); *Music*

Master of Science

One hundred and forty-six candidates

Zainol Rashid Ahmad,
Alor Setar, Malaysia;
Diploma (College of Agriculture); B.S.
(Louisiana State University); *Agronomy*

John Edmond Allison, Marceline, Mo.;
B.S.Eng.Mech. (United States Air Force
Academy); *Metallurgical Engineering*

Russell Hamilton Almond, Jr.,
Locust Grove, Va.;
B.S.E.E. (Virginia Polytechnic Institute);
Electrical Engineering

Hasan Abdul Azeez Al-Sanad,
Rumithiah, Kuwait;
B.Sc. (Ohio University); *Civil Engineering*

Nancy Schudel Amaral, Columbus;
B.S.Ed.; *Computer and Information Science*

Sharon Norwood Ambrose, Columbus;
B.S.Nurs. (Duke University); *Nursing*

S. Christopher Anderson, Logan;
B.S.Ed. (Ohio University);
Agricultural Education

Jane Ann Andrews, Rochester, N. Y.;
B.S. (Purdue University);
Allied Medical Professions

Kitty Banbury, Ashland;
B.S.Ed. (Ashland College);
Home Economics

Arjumand Bano, Karachi, Pakistan;
B.S., M.S. (Karachi University); *Physics*

Shirley A. Barr, Thornville;
B.S.Nurs. (Capital University); *Nursing*

James George Barrera, Mountaintop, Pa.;
B.Eng. (Stevens Institute of Technology);
Bio-Medical Engineering

Lewis Tucker Beman, Jr., Columbus;
B.S.; *Horticulture*

Vinod Sagar Bhatara, Columbus;
B.S., M.D. (All-India Institute of Medical
Sciences); *Psychiatry*

Allen E. Bingham, Cuyahoga Falls;
B.S.; *Zoology*

Brenda M. Bossetti, Columbus;
B.S.All'd.Hlth.Prof.;
Allied Medical Professions

Randal Lee Briggs, Woodville;
B.S.E.E. (Ohio Northern University);
Electrical Engineering

Sreedevi Krishnamurthy Bringi,
Bangalore, India;
B.S. (Bangalore University); M.S. in
Chem. (Indian Institute of Technology);
Atmospheric Sciences

Daniel Lee Brodowski, Kettering;
B.S.Nat.Res.; *Horticulture*

David Gene Brown, Woodbury, N. J.;
B.S. (Florida Technological University);
Mechanical Engineering

Dorothy Augburger Brown, Zanesville;
B.S.Nurs.; *Nursing*

C. Barbara Brownsmith, Stamford, Neb.;
B.S. (University of Nebraska); *Zoology*

Ruth Ann Meachen Budd, Port Clinton;
B.S.Nurs. (Capital University); *Nursing*

Joseph A. Butler, Columbus;
B.S.Ed., B.S.Bus. (Miami University);
Zoology

Marcella Masters Calvert, Columbus;
B.S.H.E.; *Home Economics*

Larry E. Carter, Ansonia;
B.S.E.E.; *Electrical Engineering*

Richard Allen Carter, Hilliard;
B.S.Agr.; *Animal Science*

Cheng-Tsung Chen, Taipei, R.O.C.;
B.S. (National Taiwan University); M.S.;
Computer and Information Science

Yiu-Tong Joseph Chin, Vancouver, B. C.,
Canada; B.A. (California State
University); M.S.; *Biophysics*

Schiao Feng Chou, Taipei, R.O.C.;
B.S. (National Tsing Hua University);
Metallurgical Engineering

Timothy Keane Christman, Mansfield;
B.S.Met.E.; *Metallurgical Engineering*

Lale Cilenti, Whittier, Calif.;
B.A. (DePauw University); *Chemistry*

Edward D. Cobb, Waterloo, N. Y.;
B.S. (Cornell University); *Horticulture*

Ronald L. Covrett, Delaware;
B.S. (Colorado State University);
Computer and Information Science

Blaine Alan Crosser, Hanoverton;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*

Susan Layfield Curtin, Ocean City, Md.;
B.S. (University of Alabama);
Home Economics

Kent Michael Daum, Marion;
O.D.; *Physiological Optics*

Kanok Dechavas, Bangkok, Thailand;
B.Eng. (Chulalongkorn University);
Mechanical Engineering

Linda L. Delaney, Xenia;
B.S. (Wright State University); *Nursing*

Howard N. Deliman, Amherst;
B.A. (Case Western Reserve University);
Pathology

Brent Allen Dellacoleta, Smithfield;
B.S. (Muskingum College); *Chemistry*

Girish N. Desai, Columbus;
B.S. (Maharaja Sayarjiras University,
India); M.Sc. (University of Mysore,
India); *Horticulture*

Suzanne Barbee Dewody, Columbus;
B.S.Nurs.; *Nursing*

Judy B. VanDemark Downey, Columbus;
B.S.H.E.; *Home Economics*

Betsy Lynne Dresser, Cincinnati;
B.S.; *Animal Science*

Thomas Spicer Eichelberger, IV,
Cincinnati; B.S.; *Physics*

Mary Bell Ericksen, Bellefontaine;
B.S.H.E.; *Home Economics*

- R. Allen Fazenbaker, Akron;
B.S.Agr.; *Agronomy*
- John Lloyd Fox, Appleton, Minn.;
B.S. (University of Minnesota);
Industrial and Systems Engineering
- Rita G. Freeman, Birmingham, Ala.;
A.B. (Talladega College);
Mechanical Engineering
- David C. Friesen, San Antonio, Tex.;
B.S. (Texas A & M University);
Industrial and Systems Engineering
- Beth Darlene Gamble, Caldwell;
B.S.H.E.; *Home Economics*
- Bryan Craig Gannis, Cleveland;
B.S.C.E. (Northwestern University);
Civil Engineering
- Miguel Angel Gonzalez, Madrid, Spain;
B.S.C.E. (University of Lowell);
Civil Engineering
- John L. Grangaard, Newark;
B.S. (Wisconsin State University); *Physics*
- James Lewis Haines, Montpelier;
B.S.A.A.E.; *Aeronautical and
Astronautical Engineering*
- Karen McCafferty Heath, Carroll;
B.S.H.E. (Ohio University);
Home Economics
- Melvin Leroy Heritage, Kent;
B.A. (Kent State University);
Computer and Information Science
- Edward Rolfe Herz, Radnor, Pa.;
B.S.Ch.E. (Princeton University);
Nuclear Engineering
- Richard James Hill, Xenia;
B.S.A.A.E. (Wichita State University);
*Aeronautical and Astronautical
Engineering*
- Julie Verna Holtfreter, Milwaukee, Wis.;
B.S.; *Nursing*
- Jane Harman Hooker, Columbus;
B.S.Nurs.; *Nursing*
- Dan Horak, Petah-Tiqwa, Israel;
B.S.M.E.; *Mechanical Engineering*
- Peter Mindah Hsu, Syracuse, N. Y.;
B.S.; *Computer and Information Science*
- *Jeffrey L. Hunter, Portsmouth;
Natural Resources
- Christine Mary Shock Hurak, Sidney;
B.S.Nurs. (Wright State University);
Nursing
- Maurice Iroulor Imoh, Mbaise, Nigeria;
B.Sc. (University of Nigeria);
Geodetic Science
- Nancy Mei-Yuh Jao, Taipei, R.O.C.;
B.Ph. (Taipei Medical College); *Pharmacy*
- Lanny Alan Jines, Dayton;
B.S. (Rose-Hulman Institute of
Technology); *Aeronautical and
Astronautical Engineering*
- Randy Carl John, Vandalia;
B.S.; *Metallurgical Engineering*
- Bülent Kalpaklıoğlu, Ankara, Turkey;
B.S.I.S.E.; *Industrial and Systems
Engineering*
- Ira C. Kaplan, Cincinnati;
B.S.; *Veterinary Physiology and
Pharmacology*
- Daniel Elden Keathley, Worthington;
B.S.Nat.Res.; *Natural Resources*
- Beverly J. Keil, Cambridge;
B.S.H.E.; *Horticulture*
- Susan Gail Kestner, Brecksville;
B.S.H.E.; *Home Economics*
- Jun Soo Kim, Seoul, Korea;
Physics
- Songwon Koh, Gyeongsan, Korea;
B.S. in Pharm. (Seoul National
University); *Pharmacy*
- Timothy John Konfal, Columbus;
B.Sc. (Otterbein College); *Industrial and
Systems Engineering*
- James P. Kranek, Columbus;
B.S.Nat.Res.; *Natural Resources*
- Deborah Mow Kraus, Oakland, Calif.;
B.S. (University of California at Davis);
Home Economics
- Iona B. Ladson, Gahanna;
B.S.Nurs.; *Nursing*
- Judith Huckleby Lewis, Columbus;
B.S.Nurs.; *Nursing*
- Tair-pyng Lin, Taipei, R.O.C.;
B.S., M.S. (National Taiwan University);
M.S.; *Computer and Information Science*
- Mary Ellen Lloyd, LaVale, Md.;
B.S. (Wheeling College); *Computer and
Information Science*
- Linda Catherine Gerber Lucas,
St. Louis, Mo.; B.S.Nurs. (University of
Missouri); *Nursing*
- John K. Magiros, Athens, Greece;
B.S.E.E. (New York Institute of
Technology); *Electrical Engineering*
- William Leon Manz, Mansfield;
B.S. (Colorado State University);
*Agricultural Economics and Rural
Sociology*
- Robert John Marino, Philadelphia, Pa.;
B.A. (University of Pennsylvania);
Geology and Mineralogy
- Shirley M. McNamee, Xenia;
B.S.N. (Wright State University); *Nursing*
- Thomas F. Meade, Cincinnati;
B.S.Agr.; *Animal Science*
- Idana Marsa Phillips Merrick,
Winnfield, La.; B.S. (Northeast Louisiana
University); *Pharmacy*
- Wanda Carter Meyer, Columbus;
B.S.Bus.Adm. (Bowling Green State
University); *Home Economics*
- Bruce Paul Miglin, Evergreen Park, Ill.;
B.S. (University of Illinois);
Metallurgical Engineering
- Carl Edward Miller, Jr., Huntington,
W. Va.; B.S.C.E. (Ohio University);
Civil Engineering
- David J. Miller, Greensburg, Pa.;
B.S. (Duquesne University); *Computer and
Information Science*
- Lucinda Berry Moore, Washington, C. H.;
B.S.Agr.; *Agricultural Education*
- John Edward Muske, Columbus;
*Agricultural Economics and
Rural Sociology*
- Donald E. Nopper, Akron;
B.S.M.E. (University of Akron);
Engineering Mechanics
- Richard Daniel Noyes,
Carmel Valley, Calif.;
B.S. (Denison University); *Botany*
- Young Oh, Kwangju, Korea;
B.S. (Chonnam National University);
Computer and Information Science
- Masaki Ohba, Tokyo, Japan;
B.Eng. (University of Tokyo); *Computer
and Information Science*
- Sandra Oliver, Columbus;
B.A.; *Computer and Information Science*
- Karen E. Pace, Cincinnati;
B.A. (Carleton College); *Geology and
Mineralogy*
- Jaded Paosong, Bangkok, Thailand;
Diploma (Thai-German Technical
Institute); *Mechanical Engineering*
- Bryan Keith Pflug, Harmony, Pa.;
B.A. (University of Pittsburgh);
Computer and Information Science
- Dennis Ray Pittenger, Columbus;
B.S.Agr.; *Horticulture*
- Cheryl Kathryn Ricketts, Pickerington;
*Agricultural Economics and Rural
Sociology*
- Jeffrey Myron Riddlebaugh, Tiffin;
B.S.E.E. (University of Michigan);
Electrical Engineering
- Robert Kirk Ridgeway, Miller Place, N. Y.;
B.S. (Springfield College); *Allied Medical
Professions*
- William Robert Roscoe, Sharpsville, Pa.;
B.S. (Westminster College);
Physiological Optics
- Glen Michael Roy, Oakland, N. J.;
B.A. (Saint Michael's College); *Chemistry*
- Daniel J. Ryan, Columbus;
B.S.; *Electrical Engineering*
- Arlene Schmidt Samowich, Columbus;
B.S.; *Allied Medical Professions*
- David Howard Samples, Pedro;
B.S.Agr.; *Agricultural Education*
- Martin Leo Schmidt, Independence;
B.S. (Kent State University); *Agronomy*
- Bipin Chinubhai Shah, Bombay, India;
B.Tech. (Indian Institute of Technology);
Civil Engineering
- Leonard L. Shaw, Jr., Dunkirk;
B.S.M.E. (Ohio Northern University);
Mechanical Engineering
- Philip F. Sherburne, Great Falls, Mont.;
B.S.C.I.S. (University of Oregon);
Computer and Information Science
- John Justin Sherman, Arlington, Va.;
B.S. (Case Institute of Technology);
Electrical Engineering
- Steven Shook, Lexington, Ky.;
B.S.M.E. (University of Kentucky);
Mechanical Engineering
- John Dennis Shortridge, Sydney, Australia;
B.A. (University of Sydney); *Computer and
Information Science*
- Irfan H. Siddiqi, Columbus;
B.Sc., B.E. (University of Karachi,
Pakistan); *Civil Engineering*
- Bonnie L. Sommerville, Dayton;
B.S.Nurs. (Wright State University);
Nursing
- Douglas Allan Spilker, Reynoldsburg;
B.S. (Miami University); *Plant Pathology*

* Also Bachelor of Science in Natural Resources,
College of Agriculture and Home Economics
† Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics

Douglas A. Streett, Baltimore, Md.;
B.S. (Saint Mary's College of Maryland);
Entomology

Lloyd Paul Svedersky, Columbus;
B.S.; *Microbiology*

Jana Liane Emslie Swisher, Columbus;
B.S.Nurs. (Indiana University); *Nursing*

Yih-Shin Tan, Taipei, R.O.C.;
B.Sc. (Fu-Jen Catholic University);
Computer and Information Science

Sergio L. A. Teixeira de Carvalho, Sao
Paulo, Brazil; Bachelor (United
Metropolitan College); *Agricultural
Economics and Rural Sociology*

Ratana Thienlikit, Bangkok, Thailand;
B.Eng. (Chulalongkorn University);
Electrical Engineering

Glenn Hill Timson, East Alton, Ill.;
B.S. (Eastern Illinois University);
Geology and Mineralogy

Maria I. Viñas Toledo, San Juan, P. R.;
B.S.Bus.Adm. (University of Puerto Rico);
Computer and Information Science

Alberto J. Torres, Ecuador;
Mech.Engr. (Escuela Superior Politecnica
del Litoral); *Metallurgical Engineering*

Craig Allen Tribuzi, Copley;
B.S.E.E.; *Electrical Engineering*

William Richard Turner, New York, N. Y.;
B.S. (Case Institute of Technology);
Chemistry

John Allen Ulmer, Thornville;
B.S.Agr.; *Agricultural Education*

Bruce Edward Urbschat, Columbiana;
B.S.; *Mathematics*

Milo Albert Walsh, Montrose, Mich.;
B.A. (University of Michigan);
Computer and Information Science

J. Caroline Warling, Columbus;
B.A.; *Preventive Medicine*

Cathy Lee Weiss, Rocky River;
B.A. (Sweet Briar College);
Environmental Biology

Neil Andrew Wells, Troy, Mich.;
B.A. (Albion College); *Geology and
Mineralogy*

Dennis Leonard Werth, Chicago, Ill.;
B.S. (University of Illinois);
Metallurgical Engineering

Peggy Wingard, Fort Arthur, Tex.;
B.A. (University of Texas at Austin);
Entomology

Charles W. Wood, Jr., Sheridan, Ark.;
B.S.E.E. (University of Arkansas);
Electrical Engineering

Charles Thomas Worley, Leesburg;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*

Karen Bogan Wright, Bucyrus;
B.S.H.E.; *Home Economics*

Master of Social Work

Thirteen candidates

Donnalee Mary Atkinson, Columbus;
B.A. (University of Windsor); M.A.;
Social Work

Melvin Crawford, Dillon, S. C.;
B.A. (Benedict College); M.A.;
Social Work

Stephen Andrew Hedge, Worthington;
B.S., M.A.; *Social Work*

John Coghlan Hitchner, Yardley, Pa.;
B.S. (Pennsylvania State University);
Social Work

Donald William Howard,
North Caldwell, N. J.;
B.A. (Ohio Northern University); M.A.;
Social Work

Carolyn Stewart Lay, St. Louis, Mo.;
B.A. (Fisk University); M.A.; *Social Work*

John H. Mahaffey, North Hampton;
B.A. (University of Akron); M.A.;
Social Work

Barbara Maxine McIntosh, Camden, S. C.;
B.A. (Hampton Institute); M.A.;
Social Work

Keetje Joy Ramo, Dayton;
B.S. (University of Puget Sound);
Social Work

Douglas Lansing Sadler, Charlotte, N. C.;
B.A. (Winston-Salem State University);
M.A.; *Social Work*

Janet Lynn Tyree, St. Albans, W. Va.;
B.S. (West Virginia State College); M.A.;
Social Work

James C. Williams, Columbus;
B.S.Soc.Wel., M.A.; *Social Work*

Loretta Lorraine Young, Coatesville, Pa.;
B.A. (Lincoln University); M.A.;
Social Work

Colleges of the Arts and Sciences

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

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 Mathematics and
Physical Sciences

College of Social and
Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Fourteen candidates

Mary Yolanda Czech, Parma
Elmer DeWayne Denman, Ohio City
James Todd Fisher, Columbus
Peter D. Fraser, Columbus

Roger J. Gebhart, New York, N. Y.
James C. Kalb, Walled Lake, Mich.
Marcia R. Knoblauch, Columbus
Douglas A. Martin, Columbus
Esther Mae Nester, Grove City
Judith Ann Orr, Akron
Robert C. Parker, III, Columbus
Paula Jayne Wagner, Columbus
Gary Russell Wightman, Avon Lake
Henry L. Williams, Columbus

Bachelor of Fine Arts

Nine candidates

Jennifer Maunsell Banks, Canal Winchester
Gayle Renner Barnes, Columbus
Larry Franklin Cheek, Columbus
Patricia Souders Cohen, Columbus
Rebecca Ann Hall, Columbus
Margaret Katherine Horton, Columbus
Lori Jane Morgan, Columbus
Lisa Marie Stark, Columbus
Ailene Isabel Totten, New Lexington

Bachelor of Music

Two candidates

Michelle D. Katzenbach, Columbus
Thomas Seelbach, Columbus

Bachelor of Art Education¹

Nine candidates

Peggy Jo Abell, Medina
Laura Ann Burns, Rocky River
Rosalie Ann Federico, South Euclid
Janet Susan Helwagen, Circleville
Molly Marie McNamara, Columbus
JoAnn Pardi, Columbus
Jean Marie Reilly, Cleveland
Paula Ann Stover, Convoy
*Diane Tope Williams, Westerville

Bachelor of Music Education¹

Seven candidates

Charles Auston Campbell, Jr., Cleveland
Jennifer Ann Fairchild, Columbus
John David Felmet, Winterville
Donald Scott May, North Olmsted
Gordon Ray Nicely, Carroll
Mary Diane Pratt, Columbus
Jeffrey Stephen Spann, Columbus

Bachelor of Science in Industrial Design

Three candidates

Benjamin F Goldstein, Cincinnati
Gary William Internicola, Lewiston, N. Y.
Paul Robert Lusk, Dayton

¹ Bachelor of Art Education and Bachelor of
Music Education degrees are offered jointly by the
College of the Arts and the College of Education
* Also Bachelor of Arts, Colleges of the Arts and
Sciences

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Four candidates

Gabor Hegedus, Marion
Lisa Ann Ketrón, Eaton
Thomas James Lekan, Columbus
Warren Leslie Wright, Columbus

Bachelor of Science

Forty candidates

Parine Hassan Al-Jaddo, Baghdad, Iraq
Richard Shively Back, Dayton
Mark A. Blackburn, Westerville
Clifford Lloyd Boggs, Youngstown
Mark Frederick Carter, Canton
Grace I-May Chang, Columbus
Victor B. Giancetta, Steubenville
Charles William D'Aiuto, Columbus
Alan Richard Fark, Sidney
Thomas James Frietch, Norwood
Michael John Glorioso, Amherst
David Garnold Green, Akron
Richard Carroll Hart, Grove City
Donald R. Henry, Columbus
Kenneth Fred Kerstein, Columbus
Hans Frederic Knapp, Springfield
Ronald William Komyati, Aurora
Clifford Henry Lehr, Columbus
Robert Alan Leshner, Columbus
Judith Levine, Bronx, N. Y.
Walter Adam Mendyka, Coshocton
Charles Taylor Migletti, Huron
Michael Robert Ferl, Columbus
Mona L. Reed, Columbus
Kitty Ann Reninger, Columbus
David Matthew Kolsten, Lima
Richard Paul Rood, Columbus
Thomas C. Sheley, Columbus
Benjamin Samuel Simon, Salem
Teresa Ann Smith, Painesville
Theresa Ann Sobczak, Perrysburg
Craig J. Stripe, Barberton
Jack Edward Theaker, Columbus
Donald Harvey Thomay, Lakewood
Timothy A. Walker, Broadview Heights
Catherine L. Watson, Union
Jeffrey David Wyatt, Cincinnati
Steven Charles Yeger, Columbus
Steven Edward Young, Waynesfield
Carol J. Zimmerman, McDonald

College of Humanities

Acting Dean: Leon I. Twarog

Bachelor of Arts

Forty-eight candidates

Brad James Attewell, Parma
Carol E. Banks, Cincinnati
Carol A. Bartholomew, Columbus
Douglas Clark Bates, Blanchester
Stephen Edward Beickelman, Columbus
Dorothy Sarcone Benson, Cardington
Vanessa Elaine Brogdsdale, Columbus
Susan Corbacioglu, Rittman

Anna-Maria L. Crum, Littleton, Colo.
Julia Marie Davis, Columbus
Jonathan Lewis Etherton, Columbus
Gregory Alan Gabbard, Columbus
Marjorie Ann Garrett, Columbus
Helen Marie Gomez, Columbus
Kenneth B. Johnson, Miamisburg
Karen Marie Kay, Livonia, Mich.
Michael L. Kohr, Columbus
Rosemary Konen, Canton
Dianna Schneider Last, Winter Park, Fla.
Richard Todd Luoma, Englewood
Georgia K. Mase, Columbus
Beth Neumann Masterson, Columbus
Robert Style Milner, Columbus
Daniel Francis O'Connor, Ashtabula
Mine Oya Oktener, Columbus
Gabiella Petrovics, Columbus
Ramona Irene Powell, Burton
Malia Michelle Richardson, Anna
Glenda Lee Roberson, Lima
Paul D. Rooney, Columbus
Robert Lyle Sanders, Columbus
David Fox Sandmel, Cincinnati
Jody Ann Schmidt, Worthington
Deborah Jane Schneider, Worthington
Maxwell C. Seymour, Madison
Carol Ann Shaper, Columbus
Michael Ray Simpkins, Columbus
Dianne Small, Columbus
Richard Stuart Straw, Marion
John Michael Strawser, Columbus
Melanie Sue Timmers, Middletown
Mary Ellen Wade, Dover
Pamela Cochran Waldo, Columbus
Gregory Steven Wallace, Columbus
Brad Weidman, Worthington
Linda L. Weiss, Columbus
Raechell Williams, Columbus
Kenneth Edward Willis, Cincinnati

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

One candidate

Kimberly Jo Kline, Eugene, Ore.

Bachelor of Science

Nineteen candidates

Keith Douglas Bailey, Columbus
Michael James Balint, Columbus
Ronald C. Becker, Cincinnati
Jack Michael Biddison, Columbus
Gary Lee Brock, Defiance
James S. Daubenmire, Lancaster
Dennis Thomas Daugherty, Warren
Douglas E. Davis, Columbus
Bruce Edward Hart, Racine
Ralph Wesley Hennen, Columbus
Michael Dean Hogg, Kirtland
Carl S. Lizza, Columbus
Edwin L. Martin, Columbus
Marlin W. Meier, Apple Creek
Patrick J. Ricevuto, Columbus
Rhonda Lareha Roberts, Shelby
Donald Richard Schmitt, Columbus
Gail Ann Traver, Columbus
Mary Louise Zangerle, Columbus

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and fifteen candidates

Susan Ruth Abrams, University Heights
Jacklyn H. Ack, Columbus
Barbara H. Akers, Columbus
Donald Alan Alexy, Parma
Susan Marie Ambrose, Euclid
Alan Marc Atkinson, Granville
Fatica Diana Ayers, Columbus
Alan Gale Bailey, Columbus
Caryl Anne Barga, Troy
Beula McDonald Barkes, Delaware
Bonnie Dee Behrend, Willingboro, N. J.
Joseph Anthony Bellino, III, Youngstown
Ruth C. Boice, Columbus
Denise Lynn Bonallie, Elyria
Laura Eileen Brenner, Seven Hills
Randy James Bryant, Hamilton
Jon Michael Cermak, Solon
Ulrich John Claassen, Columbus
Jane Flewelin Clark, Chappaqua, N. Y.
Mary M. Clark, Columbus
Yvonne Reinette Cleverly, Canfield
Cathy Lynne Collins, Columbus
Marga Ann Connors, Carmel, N. Y.
Betty J. Crafter, Dayton
Andrea S. Walker Craver, Columbus
Kathleen Cyrgalis, North Olmsted
Jennifer Dale, Columbus
James C. Darst, Columbus
Jill Ann Davison, Poland
Keith Alan Diebel, Alliance
Ann Christine Distelzweig, Columbus
Diann Donaldson, Columbus
Ralph Edward Dotson, Jr., Dayton
Martin William Drabek, Parma
Peter Laurence Eason, Scarsdale, N. Y.
Beatrice Kay English, Mansfield
Michael Leo Farrenkopf, Columbus
Angela Joos Fasone, Columbus
Timothy Edward Fay, Cincinnati
Joe Ferguson, Versailles
William W. Friday, Columbus
Peggy Sue Fuss, Gahanna
Mary Margaret Goepfert, Columbus
Lucy Gonzalez, Columbus
Chester A. Gooding, Jr., Columbus
Robin May Goren, Hempstead, N. Y.
Richard Alan Greeley, Reynoldsburg
Stuart Louis Grossman, Columbus
Anthony M. Hall, Columbus
Jerome Hamilton, Columbus
David Lloyd Harding, Pittsburgh, Pa.
John David Harris, Columbus
Stephanie Ellen Harris, Mt. Vernon
Lloyd John Hemmert, Jr., Euclid
Jacqueline Marie Hetrick, Mansfield
Carl Hicks, Jr., Mansfield
Bradley Lyle Hillyer, Uhrichsville
Susan Elizabeth Hodapp, Lebanon
Susan N. Holub, Columbus
Nancy Renae Hoover, Pierpont
Diane Rebecca Horner, Norwalk
Craig H. Hubler, Granville
Tollie Ann Hunsucker, Columbus
Anita L. Jamiel, Cambridge
Myra P. Johnson, Columbus
Julie Suzanne Kassel, Bay Village
James Edward Koster, Sacramento, Calif.
Cynthia Ann Lacy, Enon
Gordon Allen Lane, Warrensville

† Also Bachelor of Science in Education, College of Education

Lee Morrison Leighner, Columbus
 Peter Hugh Lewis, Columbus
 Michael Ray Linnabary, Columbus
 *Joseph P. Lombardo, Ashville
 William Reid Lutz, Columbus
 Richard Marcus, Mansfield
 Robert Fleming Markley, Columbus
 B. (Dickinson College)
 Earl Vernal Masterson, II, Columbus
 Dennis Del McClelland-Sherman, Columbus
 Barbara Anne Minch, Rocky River
 Lorraine Lynn Minutilli, Columbus
 Leslie Anne Nardone, Columbus
 Joe Anthony Newberry, Portsmouth
 Deborah Ann Noll, Columbus
 Annette Frances Orlando, Wickliffe
 Demetria Tacey Papalure, Columbus
 John R. Pellington, Columbus
 Paul Douglas Pesses, Pepper Pike
 James Anthony Pritchett, Columbus
 Brian W. Quelette, Columbus
 Donald W. Ragland, Columbus
 Linda Gail Schoen, Dublin
 Craig Alvin Schottenstein, Columbus
 Stephen William Schwind, North Royalton
 †Shirley Adele Shank, Dublin
 Ralph Daniel Shively, DeGraff
 Betsy Katherine Shook, Columbus
 Joan Marie Simons, Elida
 David Wayne Smith, Newark
 James Phillip Smith, Kettering
 Gregory E. Snyder, Columbus
 Edward M. Socie, Columbus
 Janet Lee Spellerberg, Tiffin
 Cynthia S. Spillers, Columbus
 Dwight Stevers, Jr., Gallipolis
 Roslyn Irene Stewart, Cleveland
 Elizabeth Jane Surrey, Rochester, N. Y.
 Sandra Witschy Sutton, Bellefontaine
 Judith I. Thomas, Whipple
 Barbara J. Turner, Worthington
 Anne M. Valentine, Findlay
 Jack T. Welsh, Stone Creek
 Susan Marie Wheeler, Sylvania
 †Diane Tope Williams, Columbus
 Pamela Lynn Wojta, Columbus
 Anthony G. Zona, Columbus

Bachelor of Science

Twelve candidates

Newton Clyde Albert, III, Washington, Pa.
 Suzanne P. Donahue, Pittsburgh, Pa.
 Daniel Sylvester Eckhart, Miamisburg
 Scott B. Lowry, Kettering
 Debby Froebe Merritt, Delaware
 Peggy Dee Neff, Marion
 Matthew Walter Plummer, Lancaster
 Luray Ann Robertson, Dayton
 Eileen Michele Smith, Columbus
 Sanford Louis Starr, Columbus
 Michael Tipson, Cincinnati
 Mark Vincent Willey, Columbus

Bachelor of Arts in Journalism

Thirty-seven candidates

Cassandra Clancy Balthaser, Columbus
 Louis H. Bedford, Wintersville
 Monica Chenault, Cincinnati
 David Clouston, Columbus
 B.S.
 Nancy L. Daniels, Mentor
 Leslie Charles Davis, Delaware
 Randal LeRoy Donelson, Ashland
 Marilyn Ann Geewax, Campbell
 Jeanne M. Gibbons, Columbus
 Beth A. Golding, Toledo
 Donald Herbert Grant, II, Columbus
 Sydney Jane Hall, Columbus
 Henry Menachen Hartstein, Zanesville
 Jerome Hayes, Toledo
 Darla Jean Holtkamp, Mansfield
 John R. Hurlbut, Lyndhurst

Jane J. Koleff, Mansfield
 Patricia A. Lalama, Columbus
 Catherine Ann Lavender, Dayton
 John Harold Law, Utica
 Cecelia Renee Lucas, Cleveland
 Lawrence W. Lukach, Columbus
 Michael W. McKinney, Liverpool
 Daniel B. Menerey, Findlay
 William Kenneth Meyer, Akron
 Margaret Ruth Mink, Columbus
 Robin Elizabeth Pond, Elyria
 David S. Powell, Columbus
 Stephen Ray Proctor, Ashland
 Earl Spencer Rinehart, Columbus
 Leslie Jean Stein, Steubenville
 Vaughn Craig Taylor, Dayton
 Joyce Tracewel, Columbus
 J. Daniel Vandevelde, Columbus
 Janet Lynette Walsh, Creve Coeur, Mo.
 Kelly Edwin Winslow, Lithopolis
 Steven Joseph Zimmer, Wadsworth

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and seventy candidates

Mark Jay Adelsperger, Carey
 Ziyad Mohamad Al-Hajj, Beirut, Lebanon
 Frederick C. Altenburg, Worthington
 Charles Barnum Bagwell, Dayton
 Norman Edward Balvin, Westlake
 Jay Richard Bammerlin, Rocky River
 Thomas Donald Bang, Cincinnati
 Daniel Robert Barr, Mansfield
 Cynthia Lou Barton, Columbiana
 Greco Roinell Battles, Columbus
 Patricia Carter Beale, Columbus
 William Douglas Bebb, Diamond
 †Mark Paul Biefeld, Newark
 Reginald Eric Bland, Akron
 Melissa Ann Bowers, Steubenville
 Eileen Kail Breckstein, Columbus
 William Dale Brevort, Columbus
 Todd Aaron Brooks, Ferrysburg
 Jeffrey Paul Brown, Columbus
 John Allen Burnes, Columbus
 James Russell Campbell, Columbus
 Dana Edward Carr, Pataskala
 Kevin Scott Christopher, Portsmouth
 Gary Lynn Clark, Newark
 Timothy Orean Clark, Lima
 Gary Bernard Clarke, Dayton
 Timothy Lewis Clarke, Hamilton
 Mark Christopher Colley, Fairborn
 Carl F. Columber, Bellefontaine
 Thomas G. Cover, Columbus
 Stephen Hugh Crabill, Columbus
 Douglass Brent Craig, Gahanna
 Judy Ellen Croley, Worthington
 James Bamberger Cross, Canton
 Chester Braden Daugherty, Ashland
 Carol Ann Decker, Worthington
 Ralph Charles DeFranco, Bedford Heights
 Randall Jon Demyan, Campbell
 James Allen Dismars, Crestline
 James Patrick Donlon, New Albany
 Ivan Drinks, Cincinnati
 Raymond Lee Dumas, Jr., St. Louis, Mo.
 David Craig Dupler, Mt. Perry
 Jeffrey Paul Emmerling, Warren
 Robert Eugene Everly, Marion
 Douglas Keith Ewing, Columbus
 Kerry Alan Falkner, Springfield

James W. Feasel, Pataskala
 Robert Bruce Fell, Cleveland
 Eugene Nicholas Ferraro, Geneva, N. Y.
 Eric B. Fingerhut, Woodmere, N. Y.
 †David Lynn Frank, Lodi
 Douglas Grant Geib, II, Marion
 Jeffrey Brennan Gerard, Piqua
 Donald Lee Gleich, Jr., Columbus
 Garry Lee Gohring, Columbus
 Alison Kay Gott, Brook Park
 Dexter Irwin Gregory, Worthington
 William Todd Greiner, Dublin
 Barbara Louise Gutzman, Columbus
 Michael Charles Hamlin, Lyndhurst
 Wayne Paul Harrison, Portsmouth
 Otto Frederick Henkel, Jr., Cincinnati
 B.S.Agr.
 Jeffery David Henry, Versailles
 John David Hidy, Jeffersonville
 Jeffrey Robert Hill, Columbus
 Caroline Dee Himes, Columbus
 Richard Hocking, East Liverpool
 Randolph Charles Hoffman, Strongsville
 Robert Lee Hogle, Toledo
 Nancy Sue Holtzmuller, Farmersville
 John Horowitz, Niles, Ill.

Dale Lynn Howell, Cambridge
 Steven Riter Hughes, Newark
 Elizabeth Ellen Hune, Poland
 Gary Lloyd Hurst, Westlake
 Eugene Richard Iacovetta, Columbus
 Mark David Jennings, Columbus
 Barbaree Johnson, Massillon
 Douglass Alan Johnson, Lima
 Yun-Lung Kao, Farmington Hills, Mich.
 Lisa Marie Karam, Columbus
 Jeffrey David Kelly, Columbus
 Thomas Richard Keltling, Rocky River
 Gordon Andrew Kendall, Salem
 David Lee King, Reynoldsburg
 Pedro Gundel Koe-Krompecher,
 Caracas, Venezuela
 Ronald Anthony Kowler, Westerville
 Nancy Marie Kreinbrink, Ottawa
 Keith Edwin Krieger, Bellefontaine
 Frederick Richard Kruse, Columbus
 Michael Pat Krysiak, Willowick
 Jo Ann Kunderer, Columbus
 Robert Edgar Lambert, Columbus
 Gary A. Lawn, Columbus
 David Hering Leffler, Massillon
 Stanley Andrew Lewis, Columbus
 Donna Lynn Little, Columbus
 William Michael Locke, Columbus
 Donna R. MacMeans, Cincinnati
 William Fish Marsteller, III, Fairview Park
 Stephen R. Martin, London
 Joanna Marie Mattozzi, Bellaire
 Alan Howard McCall, Barberton
 Jack William McCarrick, Mansfield
 John Richard McKinney, Zanesville
 Phil Brent Messenger, Prospect
 Allan Lee Metcalf, Groveport
 Martin Scott Metzker, Columbus
 Alan Jeffrey Miller, Reading, Pa.
 Douglas Carl Miller, Lima
 Michael Joseph Monahan, Ashland
 Charles Wesley Morrison, Zanesville
 Bryan Ronald Newman, Akron
 Charles Richard Noble, Clarksburg
 Kristy Anne Nugent, Newark
 Darrell Gene Patterson, Newark
 Rebecca Susan Pearce, Akron
 Albert John Phillips, Tiro
 Ruth Ann Phillips, Attica
 James Russell Pierce, II, Columbus
 Mark Raymond Polley, Columbus
 David Thomas Porter, Kettering
 Charles Russell Porteus, Aurora
 Joseph Gene Posani, Columbus

* Also Bachelor of Science in Education, College of Education

1 Also Master of Arts, Graduate School

2 Also Bachelor of Art Education, College of Education

† Degree awarded posthumously

Steven Blake Quincel, Whitehall
 Michael David Quinn, Sandusky
 Donald James Radkoski, Columbus
 Bart William Rahe, Wadsworth
 Virgil Clinton Ray, Columbus
 Paul Anthony Reeser, Circleville
 Jean Lynn Richardson, Galloway
 D'Arle Keith Rininger, Columbus
 Crystal Lynette Roberts, Columbus
 William Lee Roberts, Marion
 Joseph Peter Roman, Chesterland
 Richard Alan Ross, Mansfield
 Ralph Orman Russell, Worthington
 Robert William Rutherford, Reynoldsburg
 Scott Martin Schafer, Pittsburgh, Pa.
 David Wesley Schmersal, Columbus
 William Howard Schroeder, Lima
 Craig Robert Sedoris, Springfield
 Vickie L. Seitz, Norwalk
 Teresa Jean Sherrard, Columbus
 Wayne Matthew Smith, Cincinnati
 Raymond Leslie Stump, Columbus
 Rick Alan Sutton, Newark
 Wayne Eugene Swift, Jr.,
 Morgantown, W. Va.
 Stephen Francis Taylor, Nelsonville
 Cynthia L. Thomas, Columbus
 Marion Ray Troyer, Sugarcreek
 Stephen Jack Vasko, Columbus
 Robert Alan Vondran, Delphos
 Ralph John Vrana, Jr., Berea
 Gregory Daniel Waina, Mentor
 William Wade Walker, Dublin
 Karen Ann Wall, Columbus
 Craig Geoffrey Wallace, Kettering
 Randy Richard Watson, Columbus
 Stephen Gilliam Wells, Newark
 Thomas William Welsh, Columbus
 Craig W. Whitney, Westerville
 Edson Hay Wilson, Westerville
 Tim Dennison Woosley, Columbus
 John Timothy Wrigley, North Canton
 Steven M. Yorde, Columbus
 Kathryn Elaine Young, Columbus
 Rita Karen Zara, Mansfield
 Scott Eric Zeek, Zanesville

Bachelor of Science in Labor and Human Resources

Two candidates

Rodney Howard Adams, Columbus
 Colleen Kay Yoder, Walnut Creek

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Eighty-one candidates

Lisa Louise Baden, Hamilton
 Roger Donald Baden, Napoleon
 Paul Joseph Baith, Sellersville, Pa.
 Louis David Balyeat, Van Wert
 Mark Henry Beiting, Cincinnati
 Leo Francis Camp, Hicksville
 Rollin B. Cockley, Mansfield
 Barbara Ann Corcoran, McConnellsville
 Joe Allen Cory, Frankfurt
 Timothy Allen Cox, Adams Mills
 Paul Andrew Davidson, Granville
 William Robert Davis, Jr., Columbus

Richard Lee Dawson, Columbus
 Dennis DeGeorge, Columbus
 A. A. (Atlantic Community College)
 Anna Marie Diefenthaler, Columbus
 Barbara Williams Ellis, Columbus
 B. A. (Kenyon College)
 Mark Michael Evans, Brooklyn Heights
 Mark William Farnham, Toledo
 John Bradley Flemm, Akron
 Thomas William Frank, Columbus
 Roger Lynn Fritch, Marion
 Heidi Belinda Hand, Mansfield
 Thomas Joseph Harrison, Columbus
 James William Hesselbrock, Columbus
 Michael Robert Hill, Columbus
 Ann Hobstetter, Centerville
 Brad Lee Humrichouser, Polk
 Jon Robert Johnson, Williston
 A. A. S.

Joseph Michael Julian, Columbus
 David Orland Kelch, Urbana
 A. A. (Broward College)
 Brian Austin Kimmel, Boardman
 Richard Paul Krupp, Tiffin
 Theodore Steiger LaDue, Newport, N. Y.
 Amy Jane Lagusch, Mentor
 Susan Marie Lambert, Grove City
 Steven Francis Lewan, Sylvania
 Gregory Lyle Litwiller, Newark
 Leslie Jo Martinez, Columbus
 Randall Claude Masterson, Somerset
 Steven Randle McGuire, Columbus
 Denise Loretta Megiel, Douglaston, N. Y.
 A. A. S. (State University of New York
 Agricultural and Technical College
 at Cobleskill)
 Kenneth Randolph Meier, Patterson, N. Y.
 A. A. S. (State University of New York
 Agricultural and Technical College
 at Cobleskill)
 Alan Elmer Miller, Norwalk
 Thomas Joseph Minch, Rocky River
 James Scott Moser, Dalton
 *John Edward Muske, Columbus
 Randy William Osterstock, Columbus
 Brian Ivan Peach, Norwich
 Paul Mark Pepple, Arlington
 Juan Francisco Pieters,
 Guatemala City, Guatemala
 Rita Gail Pinney, Martinsville
 Lennita Sue Polenz, Centerburg
 Paul Michael Prospal, Polk
 William Ralph Reed, Newark
 Lawrence Ralph Reese, Jr., Niles
 Jerry Lee Rhoads, Columbus
 Michael Dale Rhoads, Hillsboro
 William Hamilton Richardson, Cleveland
 *Cheryl Kathryn Ricketts, Pickerington
 Robert Douglas Riffe, Columbus
 David Keith Rondot, South Whitley, Ind.
 Donald Junior Root, Columbus
 Douglas James Schmale, Cleveland
 A. A. S.

Joseph Jay Sowards, Chillicothe
 Elizabeth Allen Shuttleworth, Columbus
 Dora Jean Skinner, Waterford
 Thomas Craig Stamm, Zanesville
 David Wayne Stetzlein, Loudonville
 Keith Allen Stoll, Wooster
 Mark Alan Storey, Columbus
 Robert William Stroup, Warren
 Mary Rose Tekancic, Garfield Heights
 Clifford Samuel Turner, Delaware
 Donald Eugene Verhoff, Ottawa
 Mark Milhahn Walker, Newbury
 James Robert Wallace, Columbus
 Gary Mark Wessel, Bay Village
 Warren Lee Wilson, Worthington
 Geary Milton Wise, Fremont
 Lisa Louise Youngquist, Atlanta, Ga.

Bachelor of Science in Food Science

Two candidates

James Reed Brooks, Winterville
 Scott Alan Fineman, Columbus

Bachelor of Science in Food Technology

Two candidates

Ferdinand Vincent Huber, III, Columbus
 B.S.Nat.Res.
 Paul Edward Jonard, Caldwell

Bachelor of Science in Nutrition

One candidate

Randy Carl Lynn, Akron

School of Home Economics

Bachelor of Science in Home Economics

Forty-three candidates

Christina Lynn Banks, Columbus
 Susan Lynn Berry, Columbus
 Mary Beth Bobel, Lorain
 Melia Jean Burriss, Niles
 Donna Gay Carpenter, Seaman
 Kimberly Danaceau, Chagrin Falls
 Phyllis Davenport, Columbus
 Karen Marie Dennis, Columbus
 Melanie Ravelly Donnelly, Columbus
 Nancy Jean Durant, Columbus
 Carolyn Sue Geidenberger, Newark
 Annabelle B. Helmreich, Worthington
 Linda Christine Hill, Cleveland
 Sandra Marie Jacobs, Mansfield
 Lynn Therese Johnson, Berea
 Patricia Kay Kilfian, Raymond
 Karen Lynn Kuzmiak, Worthington
 Donna Jean Larimer, Reynoldsburg
 Melissa Anne Larson, North Canton
 Carla Lynn Lawrence, Westerville
 Tammara Marita Lee, Baltimore
 Sandra Gail Leibrock, Jefferson
 Loretta Jean Leuby, Portsmouth
 Joyce Ann Linder, Edison
 Elizabeth Ann Maiberger, Columbus
 Thelma Jean McCoy, Belpre
 Linda Lou McKenzie, Dayton
 Joyce Ann McMahan, Marion
 Sue-Ellen Mess, Shelby
 Vivian Renee Mills, Cincinnati
 Susan Virginia Payda Mitchell, Bay Village
 Deborah Susan Prill, Cleveland
 Anne Elaine Rees, Washington C. H.
 Elaine Faye Riley, Columbus
 Catherine Marie Rogers, Columbus
 Vicki Lynn Schafer, Kettering
 Sue Ann Schaffer, Ironton
 Melanie Kathleen Adams Scott,
 Fort Jennings
 Karen Sue McDonald Smith, Mt. Vernon
 Catherine Elaine Snider, Lebanon
 Cynthia Sue Stewart, Worthington
 Barbara Astrida Trupovniaks, Hopedale
 Gay Ann VanReyendam, Brook Park

School of Natural Resources

Bachelor of Science in Natural Resources

Forty-four candidates

John Harrison Albrecht, Columbus
 Paul Raymond Baldrige, Ironton
 Marlin Emil Bartholomew, Columbus

* Also Master of Science, Graduate School

Richard Joseph Cates, Cincinnati
 Daniel Thomas Chase, Cleveland
 Mark Ranshaw Davis,
 Hilton Head Island, S. C.
 Mark Douglas DeBrock, Maumee
 Robert Albert Dorinsky, Columbus
 Michael Walter Edmundson, Dayton
 Nancy Rebecca Felblinger, Oxford
 James Hart Glass, Jr., Columbus
 Robert Clayton Guth, Bloomfield, N. J.
 Joseph Walden Hartline, Cameron
 Jeffrey Allen Hoyle, Columbus
 *Jeffrey Lynn Hunter, Portsmouth
 William Jonathan Kapus, Canfield
 Carl Edward Kipp, III, South Charleston
 Joseph Graham Kircher, Columbus
 Scott Cameron Kirk, Columbus
 Laurie Groff Knight, Columbus
 William Charles Likens, Columbus
 Carl Joseph Linz, Cincinnati
 James Chester Lynch, Columbus
 Carl Edward Miller, Canton
 Patricia Ann Mitchell, Burgoon
 Don Joseph Mutchler, Genoa
 Russell Sheldon Nellis, Columbus
 Robert John Nickerson, Cincinnati
 Timothy Nordhaus, Ottawa
 Russell Victor Pritchard, Jr., Berea
 Paul Joseph Pryor, Columbus
 David Michael Reale, Pickerington
 John Douglas Reys, Solon
 Constance Ann Schneider, Berea
 Jack Fred Schwarz, Ottawa
 Elise Simons, Columbus
 Michael Anthony Steiner, Coshocton
 Thomas George Tugend, Fredericktown
 Vicki Layne Wilkins, St. Paris
 Roger Allen Williams, Belpre
 Daniel Scott Wolford, Columbus
 David Urban Wurm, Republic
 Keith Allen Yeager, Painesville
 James Robert Zubricky, Jr., Cleveland

Agricultural Technical Institute—Wooster

Associate in Applied Science

Twenty-seven candidates

Karen Arlene Bartley, Dayton
 Michele Rene Carlson, Pleasant Plain
 Sally Lee Cooley, Atlanta, Ga.
 Donald Lynn Dawson, Lebanon
 Frank Thomas Dreyer, Cuyahoga Falls
 Pamela Sue Elson, Kent
 Gloria Denise Fischer, Glendale
 Mark Evans Foertmeyer, Cincinnati
 Victor Lynn Goldman, South Euclid
 Cathy Lynn Lantz, Clyde
 James Edward Larimer, Willowick
 James Patrick Lauer, Gibsonburg
 Steven Eugene Mallinak, Barberton
 David Charles Manning, Gallion
 Melissa Ann McMillan, Wooster
 Sally Jo Ann Morehead, Amanda
 Judith Anne Moss, Chardon
 John Everett Nixon, Columbus
 Scott James Repp, Fredericksburg
 Donna Mae Sargeant, West Salem
 Jack Patrick Sedlak, Pepper Pike
 Wesley Howard Snee, North Canton
 Terry Keith Stout, Akron
 David Bruce Thompson, Bay Village
 Joseph Francis Vrecenak, Clifton, N. J.
 Donald Edwin Watson, Amherst, N. H.
 Kimberly Ann Wright, Greenville

College of Dentistry

Dean: Charles L. Howel

Doctor of Dental Surgery

One candidate

Joseph Anthony Wildi, Columbus
 B.S.

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and fifty-five candidates

John William Allen, Lima
 Mary Elizabeth Amstadt, Gates Mills
 Cert. Grad. Dent. Hyg.
 Christine Baxter Ansel, Columbus
 Jana Diane Arthur, Wapakoneta
 Elizabeth Jennings Atwood, Newark
 Elizabeth Franklin Babcock, New Haven
 Valerie Phillips Bauer, Columbus
 Amy Ann Becker, Columbus
 Donald Earl Bell, Columbus
 Cathy Lynn Benis, Columbus
 Cert. Grad. Dent. Hyg.

*Dorothy Sarcone Benson, Cardington
 Kenneth Raymond Black, Pickerington
 Thomas Wendell Blake, Columbus
 Barbara Lynn Bogan, Columbus
 Lisa Marie Borelli, Columbus
 Gayle Hays Bowman, Lebanon
 John Gregory Brandt, Newark
 Christopher James Burkley, Columbus
 Nanci Ellen Burtnett, Columbus
 Janet Lee Busche, Hebron
 Sandra Schradner Butterman, Marion
 James Cameron Chellis, Bexley
 Cynthia Sue Claypool, Marion
 Donald Lee Coburn, Wickliffe
 Wesley Wayne Coil, Columbus
 Sheila Marie Collison, Worthington
 Timothy Drew Congrove, Grove City
 Rebecca Susan Cotterman, Wapakoneta
 Sheila Gossett Cottrill, Columbus
 Carolyn Jane Coulter, Columbus
 Denise Ann Cox, Columbus
 Lauren Carol Creighton, Worthington
 Merrie Lynn Daitch, Augusta, Ga.
 Deborah Sue Davis, Columbus
 Donna Scurlock Davis, Galena
 Dennis Paul DeVendra, Columbus
 Dennetta Marie Donaldson, Brookville
 Catherine Susan Duplin, Louisville
 Cert. Grad. Dent. Hyg.
 Sheila Ann Easton, Columbus
 Cert. Grad. Dent. Hyg.
 Marilyn Hanna Eckstein, Mansfield
 Liza Lovell Elliott, Worthington
 Patrick Joseph Fallon, Parma
 Gail Ann Fish, Wapakoneta
 Mary Ellen Fitzpatrick, Bellefontaine
 Deborah Diane Fleming, Bloomingdale
 B.A.; M.A.
 Charles William Floto, Millersport
 Deborah Lynn Fugate, Gahanna
 Valerie Bristow Gates, Marion
 Douglas Charles Gill, Columbus
 Rodney Richard Glover, Mt. Orab
 William Earl Goodin, Columbus
 Dennis James Grady,
 St. Petersburg Beach, Fla.
 Gary Richard Hang, Worthington

Kathy Jo Harman, Dayton
 Linda Vess Harris, Columbus
 Cert. Grad. Dent. Hyg.
 Larry Lee Hawkins, Columbus
 Kathleen Conway Holbrook, Springfield
 Robert William Hughes, West Portsmouth
 William Richard Hughes, Pataskala
 Curtis Jesson Humphreys, Delaware
 Chris Dee Hutchinson, Kenton
 Jed Chesley Immel-Brown, Columbus
 Judith Roush Ingram, Shelby
 Billy Stephen Jackson, Columbus
 Edward Neese Jackson, Columbus
 Larry William Jentzen, Cincinnati
 Martha Rander Jones, Columbus
 B.A. (Denison University)
 Beryl Andrea Joyce, Hamilton
 Jeri Simon Kaplan, Fargo, N. D.
 Sheree Ann Keller, Stow
 Patricia Kempert, Euclid
 Cert. Grad. Dent. Hyg.
 Patricia Byrnes Kilcoyne, Columbus
 Cert. Grad. Dent. Hyg.
 Wilma Lee Kincaid, Hemlock
 Cert. Grad. Dent. Hyg.
 Janette Joy King, Parma Heights
 Cert. Grad. Dent. Hyg.
 Jan Marie Krouse, Columbus
 Susan Kay Krueger, Allison Park, Pa.
 Klaus Achim Lambeck, Worthington
 Georgia Hass Lang, Columbus
 Kristen Poenisch Latta, Jackson
 Barbara Ann Lee, La Rue
 Celia Lynn Leissa, Worthington
 Bonnie Brown Levering, Edison
 Emily Jane Lewis, Hilliard
 *Joseph Perry Lombardo, Ashville
 Lynne Brune Lupton, Columbus
 Timothy Bruce Malone, Bay Village
 Debra Martin, Greenville
 Georgia Topliff Mathews, Marion
 Cert. Grad. Dent. Hyg.
 Lucinda Kay Maurer, Columbus
 Michael Brian Mayock, Parma
 Dennis Hayes McAndrew, Columbus
 Patricia Louise McCoy, Columbus
 Timothy Lee McGuire, Marion
 Jean Kay McKinney, Columbus
 Diane Meckstroth, Columbus
 Cert. Grad. Dent. Hyg.
 Robin Marie Meeks, Canton
 Harriett Candy Miller, Ashtabula
 Robert Dennis Millisor, Columbus
 Lawrence Molla, Parma Heights
 Sandra Ann Morgan, Lorain
 Patrick Richard Murphy, Dayton
 Christopher Neil Nelson, Columbus
 Michael Lynn Newland, Waynesfield
 Jodell Sue Newman, Columbus
 David Everitt Nichols, Ionia, Mich.
 Daryl Lynn Opperman, Bluffton
 Allison Gay Ostrow, Cincinnati
 Cert. Grad. Dent. Hyg.
 Linda Kay Oze, Columbus
 Cert. Grad. Dent. Hyg.
 Linda Ann Petrick, Worthington
 Theresa Lee Pettit, Greenwich
 Dominic Anthony Potenzi, Steubenville
 A.B. (Youngstown State University)
 Renee Rosine Rague, Louisville, Ky.
 Jon Alan Reed, Columbus
 Jill Long Riddle, Mt. Sterling
 Deborah Elaine Robinson, Columbus
 Laura Zeldin Rose, Columbus
 Barbara Moore Ruhl, Worthington
 Rosemary Patricia Ryan, Westerville
 Barbara Ann Sabol, Monessen, Pa.
 Wilma Boring Sadrai, Columbus
 Kathleen Ann Kinney Salyer, Rushsylvania
 Vicky DeVier Seaman, Columbus
 Cert. Grad. Dent. Hyg.
 Audi Rebecca Schall, Reynoldsburg
 Bruce Yale Scheer, Cleveland
 Dianne Rita Schneider, Columbus

* Also Master of Science, Graduate School
 ; Also Bachelor of Arts, Colleges of the Arts and
 Sciences

Constance Lee Schultz, Radnor
 Susan Marjorie Schwartz, Shaker Heights
 Carolyn Rickner Shalter, Columbus
 Ginger Diann Shefferson, Columbus
 Martha Waggoner Shipman, Columbus
 Linda Sue Slinger, Bryan
 Paula Tom Skidmore, Centerburg
 Lorna Lindsey Sloan, Sidney
 Cynthia Kay Smith, Cleveland
 Philip Randall Smith, Columbus
 Myrna Alane Snow, Marion
 Nan M. Still, Columbus
 Robert Donavon Stobie, Lakewood
 Debora Kathryn Strait, Gahanna
 Cynthia Ann Thaxton, Cambridge
 Laura Eve Yearwood Thomas, Vincent
 Sue Huddlestun Thomas, Marion
 Melanie Elsass Thompson, Sidney
 Linda Hall Trevillian, Lima
 Michelle Rita Vance, Crestline
 Karen Kropp Velazquez, Grove City
 B.A.

Lisbeth Ellen Walter, Warren
 Cert. Grad. Dent. Hyg.
 Krista Jo Watkins, Prospect
 David Henry Webb, Circleville
 Robin Kay Webb, Butler
 Debra Kay White, Prospect
 Debra Quay Wolf, Belle Center
 Henry Beryle Wurth, Jr., Sidney
 Terrance Saindon Wylie, Columbus
 Michael G. Yount, Columbus

**Bachelor of Art Education and
 Bachelor of Music Education**
 degrees are offered jointly by the
 College of the Arts and the
 College of Education
 Candidates are listed on page 223

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

One candidate

Terry Vincent Christian, Delaware

Bachelor of Science in Agricultural Engineering

One candidate

Michael Jay Lichtensteiger, Ohio City

Bachelor of Science in Ceramic Engineering

One candidate

William Kelly Booth, New Kensington, Pa.

Bachelor of Science in Chemical Engineering

One candidate

William Paul Lesko, Mentor

Bachelor of Science in Civil Engineering

Eight candidates

Michael Lee Bronson, Columbus
 Thomas Walter Conrardy, Hillsboro
 James H. Fairly, Columbus
 Timothy John Latham, Erie, Ill.
 Thomas William McAteer, Maple Heights
 Karamat Qayum, Lahore, Pakistan
 Frederick Melvin Schmidt, Reynoldsburg
 Dennis William Spragg, Adena

Bachelor of Science in Computer and Information Science

Four candidates

Hans Gunter Birnbrich, Columbus
 Michael Stephen Dennison, Nashport
 Timothy James Ehrler, Lancaster
 Richard Allen Merrill, Wellington

Bachelor of Science in Electrical Engineering

Twenty-four candidates

Robert Wayne Ball, Groveport
 Robert Talmage Beer, Ashland
 Keith Lewis Bernhardt, Findlay
 Joseph Michael Bowling, Akron
 David Andrew Collins, West Portsmouth
 John Alvin Dickey, East Liverpool
 Thomas Edward Eichenberger, Westerville
 Jon Charles Freeman, Wellington
 Jay Sherman Hidy, Columbus
 Don Richard Hilderman, Rocky River
 Timothy Allan Kay, Canton
 Joseph Victor Kreinbrink, Findlay
 David Andrew La Rosa, Columbus
 Mark Stephen Laughery, Canton
 Ui Luu, Saigon, South Vietnam
 Michael David Martin, Chillicothe
 Michael L. Pfefferle, Fremont
 Ned Dana Reed, Mt. Sterling
 Leonard Carl Samuelson, Glenford
 David Conrad Schuster, Mansfield
 Abolfazl Sepahban, Tehran, Iran
 Peter Michael Subtelny, Cincinnati
 B.S.
 Jeffrey Ervin Tackett, Frankfort
 Robert Allen Tackett, Mansfield

Bachelor of Science in Engineering Physics

One candidate

James Lee Blanton, Cincinnati

Industrial Engineer

Two candidates

Haidar Ismail Al-Mustafawi,
 Kuwait, Kuwait
 B.S.I.S.E. (Ohio University)
 William Lawrence Philbin, Perrysburg
 B.S.

Bachelor of Science in Industrial and Systems Engineering

Six candidates

Mary Lee Carey, Worthington
 Richard Sotero Plasencia, Lorain
 Jerry Shih-Chih Tou, Columbus
 Lawrence Albert Urig, Elyria
 Rebecca Kathryn Wilcox, Mentor
 Tyron Yun, Columbus

Bachelor of Science in Mechanical Engineering

Seventeen candidates

Timothy Micheal Becker, Cleves
 William Michael Bleau, Stow
 Daniel Stewart Bucklew, Columbus
 Michael William Clark, Pickerington
 David Ray Debo, Marion
 Abraham Don, Bnei-Brak, Israel
 William Owen Elliott, Hilliard
 Ahmed Ebrahim Garda, Karachi, Pakistan
 Charles Stephen Jenkins, Stow
 Seyyed Mohammad Hossein Khatib-Shahidi,
 Tehran, Iran
 Thomas Arthur McCardle, Cincinnati
 David Lee Pottmeyer, Columbus
 James Albert Schwicker, Columbus
 Keith O'Donnel Shellenbarger, Ada
 Daniel Z. Skolnik, University Heights
 William Joseph Toerner, Cincinnati
 John Steven Uray, Parma Heights

Bachelor of Science in Architecture

Three candidates

Alex Zsolt Huber, Cleveland
 Wendall Eric Milliken, Columbus
 Kent Alan Usher, Toledo

Bachelor of Science in Landscape Architecture

Three candidates

Douglas Allen Counts, Troy
 Patrick Douglas Hoagland, Elyria
 Kim Elizabeth Jones, Bay Village

College of Law

Dean: L. Orin Slagle, Jr.

Juris Doctor

Twenty-six candidates

Ronald Eugene Antill, Rayland
 B.B.A. (Ohio University)

Kenneth Carlyle Crooks, Groveport
 B.A.

Neil Warren Gurney, Cleveland Heights
 B.A.

James Anthony Hajek, Parma
 B.B.A. (Kent State University)

* Also Bachelor of Arts, Colleges of the Arts and
 Sciences

Gordon Kenneth Harris, Jr., Columbus
B.E.E.; M.S.E.E. (Massachusetts Institute
of Technology)

David Jeffrey Highsmith, Columbus
B.A. (Kenyon College)

Paula Ping Hu, Columbus
B.A.

James L. Jacobson, Dayton
B.S. (University of Michigan)

Robert Howard Johnson, Indianapolis, Ind.
B.S. (University of Illinois)

Thomas Christopher Lipp, Dayton
B.A. (Albion College)

Maria Elena Medina, Columbus
B.A., M.A.

Alan Mengel, Columbus
B.S.Bus. (Wright State University)

Judith Dorothy Moss, Columbus
B.S.Bus.Adm.

Steven Harry Noll, Cincinnati
B.S. (Michigan State University)

John Quirites Porter, Washington, D. C.
B.A. (Catholic University of America)

Edwin Romero, Youngstown
A.B. (Youngstown State University)

Kristine Agnes Roth, Canton
B.A.

James Albert Rutledge, Columbus
B.A. (University of Dayton)

Richard Anthony Schwartz, Fremont
B.A. (University of Toledo)

David Gordon Seil, Joliet, Ill.
B.A. (Lewis College)

Dale Phillip Shrallow, Cleveland
B.A. (Miami University)

Thomas Sico, Farmingdale, N. Y.
B.S. (Massachusetts Institute of
Technology)

Frederick Virgil Steffan, Columbus
A.B. (Whitman College)

Brent Allan Stubbins, Zanesville
B.A. (Kenyon College)

William Stephen Wirt, Olney, Ill.
A.B. (University of Illinois)

John Alan Yaklevich, Columbus
B.A. (Northwestern University)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Nine candidates

Edward Adamovich, Jr., Richmond
B.S. (Kent State University)

Alan Edgar Amos, New Matamoras
B.A. (Marietta College)

David James Delnostro, Highland Heights
B.A.

Adele Marie Echandia, Cleveland
B.S. (Cleveland State University)

Steven Thomas Haney, Eaton
A.B. (Miami University)

Ernest Paul Jones, Steubenville
B.A. (Kent State University)

Frederick Alan Specht, Parma
A.B. (Kenyon College)

Harry Ralph Wheat, Columbus
B.S.

Craig Edward Williams, Painesville
B.A.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Fifteen candidates

Stephony Ann Bracken, Cincinnati
Fred James Cianciolo, Cincinnati

Benita Brown DeCaro, Zanesville
Sally Beth Deuble, Vermilion

Patrick Harroff, Columbus
Sandra Ann Hodapp, Columbus

Martha Jean Kummerer, Tiffin
Karla Shan Meddles, Richwood

Shirley Jean Noble, Carrollton
James Randolph Otworth,

Franklin Furnace
Cheryl Strickling Ricer, Woodsfield

Kathryn Irene Schroeder, Phoenix, Ariz.
Thomason Craig Smith, Westerville

Margaret Thirkield, Cincinnati

Mary Margaret Unger, Lakewood

Certificate of Nurse Anesthetist

Four candidates

Bette Parlette Hedges, Trotwood
A.A.S. (Sinclair Community College)

Lenora Burke Hedges, Reynoldsburg
A.D. (Columbus Technical Institute)

Timothy Alan Thacker, New Boston
A.A.S. (Ohio University)

Malinda Jane Wells, Amlin

School of Nursing

Bachelor of Science in Nursing

Eight candidates

Christin Dee Baehr, Columbus

Barbara Jo Beach, Youngstown

Ann Dziejewicki, Highland Heights

Mary Kuhlman Fellers, Columbus

R.N. (Lima Technical College)

Kristine Marie Golan, Syracuse, N. Y.

Jo Ellen Lambert, Canton

Kim Knepper Peterson, Findlay

Catherine Ann Riffle, Spencerville

College of Optometry

Doctor of Optometry

Thirty-four candidates

Thomas Nicholas Adams, Akron

B.S. (University of Akron); M.S.Lib.Sci.

(Case Western Reserve University);

B.S. in Opt.

Jack William Albright, Worthington

B.S. in Opt.

Donald Anthony Bergmann, Cincinnati
B.S. in Opt.

Burton B. Berk, Columbus
B.S. in Opt.

Benjamin W. Binns, Portsmouth
B.S. in Opt.

Benton Jay Bloch, Columbus
B.S. in Opt.

Bruce O. Bradley, New Carlisle
B.S. in Opt.

Thomas Allen Brannon, Newark
B.S. in Opt.

Ramie B. Dick, Sandusky
B.S. in Opt.

Charles Herbert Dickman, Coldwater
B.S. in Opt.

Roy Usaku Ebihara, Oberlin
B.S. in Opt.

Leon Francis Favede, St. Clairsville
B.S., M.Opt. (Indiana University)

Isadore R. Goldberg, Dayton
B.S. in Opt.

Martin M. Goldhaber, Columbus
B.S. (West Virginia University); M.S.
(University of Tennessee); B.S. in Opt.

Ben Morris Graham, Zanesville
B.S. (Eastern Kentucky State Teachers
College); B.S. in Opt.

John Ralph Haehn, Wapakoneta
B.S. in Opt.

Lowell L. Hone, Bucyrus
B.S. in Opt.

David A. Howe, Springfield
B.S. in Opt.

E. Clifton Hyre, Elkins, W. Va.
B.S., B.S. in Opt.

Sterling William King, Archbold
B.S. in Opt.

Daniel J. Knapke, Dayton
B.S. in Opt.

Donald R. Koch, Avon
B.S. in Opt.

Gary Roger Maurer, Dayton
B.S. in Opt.

John Andrew Nabergall, Bradenton, Fla.
B.S. in Opt.

Verne E. Petrie, Akron
B.A. (University of Akron); B.S. in Opt.

Thomas Stanley Price, Logan
B.S., B.S. in Opt.

Stanley Frank Sanders, Seven Hills
B.S. in Opt.

Lucille Marzano Skarote, Campbell
B.S., B.S. in Opt.

Charles W. Snide, Coshocton
B.S. in Opt.

James D. Studebaker, Union
B.S. in Opt., M.Opt. (Indiana University)

Richard E. Talcott, Mentor
B.S. in Opt.

Clark Albert Townsend, Mansfield
A.B. (Case Western Reserve University);
B.S. in Opt., M.S.

Jay Arden Williams, Uhrichsville
B.S. in Opt.

John Zettel, Jr., Cincinnati
B.S. in Opt.

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Eighty-six candidates

Dennis E. Adams, Arcanum
Elizabeth Anne Barnette, Plainfield, N. J.
Julie Ann Block, Columbus
Denise Mae Bogdan, Medina
Margaret Grace Boor, Shelby
Sarah Ann Bracey, Detroit, Mich.
Maureen Applegate Brague, Mansfield
Mary Eileen Brannigan, Findlay
Barbara Ellen Campbell, Columbus
Alan Jay Clark, Greenville
Elaine Rutherford Clark, Chevy Chase, Md.
James Vincent Coffey, Jr., Columbus
Carol Jean Cole, Van Wert
Pamela Irene Corfman, Holmesville
Karen Anne Culbertson, Columbus
Lisa Ann Culp, Bellevue, Wash.
Edward Alan Dea, Euclid
Patsy Hendricks Deerhake, Rockford
Joni Lynn Diamond, Cincinnati
Deborah Ellen Eddy, Columbus

William Dale Faith, Youngstown
Philip Kenneth Fedele, Rochester, N. Y.
Michele Marie Fisher, Columbus
Gordon Michael Francisco, Fredericktown
Frederick Andrew Frankenfeld, Findlay
Denise Pamela Friedman, Elyria
Hugh Robert Gallagher, Elyria
Elizabeth Ann Gann, Ironton
Cris Jay Gillespie, St. Clairsville
Elaine Carol Gregor, Amsterdam
Kathy Jolliff Griffith, Marysville
Beth Louise Grube, Cleveland
Carol Elaine Hamilton, Shaker Heights
Michelle Yvonne Hanson, Tulsa, Okla.
Clarissa Harris, Youngstown
Marcia Anne Hesselgrave, Bay Village
Susan Marie Hirsch, Worthington
Cleah Rae Hockin, Oak Harbor
Irene Susan Hwasta, Cleveland
Kathryn Sue Icenhower, Johnstown
Lise Karen King, North Olmsted
Debra Ann Krahn, Circleville
Cindi K. Maggied, Columbus
Denise Shackelford Mason, Cincinnati
Anne Marie Meiring, Perrysburg
Barbara Diann Miller, Columbus
Sherrill Ann Mitchell, Columbus
Hilary Lynne Morgan, North Olmsted
Sylvia G. Noel, Columbus
Anna Maria Ortiz, Cleveland
Karen Lynn Pearson, St. Charles, Ill.
Carol Ann Cejka Philbrick, Cleveland
Kim Anne Rabiner, Lima

Karen Ann Rausch, Plain City
Linda Carol Rhodes, Columbus
Mary Ann Rosser, Columbus
Anne Jeanne Scaperoth, Columbus
Mary Nanette Sebaugh, Zanesville
Jacqueline Claudia Sephton, Independence
Robin Lynn Seymour, Ashtabula
Dale Howard Shagrin, Beachwood
Thomas Gregory Shanahan, Columbus
Michelle Shoaf, Marion
Mery Lynn Shuer, Toledo
Ellen Nash Simon, Apple Creek
Deborah Sue Slack, Dayton
Susan Elaine Slusser, Spencer
Florence Jordan Smith, Columbus
Pamela Hatfield Smith, Circleville
Jay E. Sommerlad, Columbus
Debra Lynn Starkey, Steubenville
Mary King Steverson, Columbus
Carol Ann Strebar, Marion
Donald Louise Ramey Szilagyi, Akron
Donald Clifton Taylor, Dayton
Alva M. Teets, Jr., Bucyrus
Anthony Richard Thomas, Columbus
Linda Joyce Toombs, Marion
Donna Marie Van Meter, Columbus
Karen Sue Waldron, Berea
Marsha Lynn Wiens, Toledo
Deborah Lee Williams, Columbus
Kathryn Cheeseman Winner, Columbus
Deborah Ann Witt, Germantown
Paul Gene Wyse, Wauseon
Janet Zahler, Cleveland

Graduates with Honors

Summa Cum Laude

Susan Marie Ambrose, Euclid
Patricia Carter Beale, Columbus
Dorothy Sarcone Benson, Cardington
Keith Lewis Bernhardt, Findlay
Suzan Corbacioglu, Rittman
Karen Anne Culbertson, Columbus
Douglas Keith Ewing, Columbus
Mark William Farnham, Toledo
Michelle Marie Fisher, Columbus
Deborah Lynn Fugate, Gahanna
Douglas Grant Geib II, Marion
Kathryn Sue Icenhower, Johnstown
Judith Roush Ingram, Shelby
Thomas James Lekan, Columbus
Steven Randle McGuire, Columbus
Kim Knepper Peterson, Findlay
Linda Gail Schoen, Dublin
Elizabeth Allen Shuttleworth, Columbus
Debra Lynn Starkey, Steubenville
Janet Louise Ramey Szilagi, Akron
Joseph Francis Vreenak, Clifton, N.J.
Kathryn Cheeseman Winner, Columbus
Debra Quay Wolf, Belle Center

Summa cum laude with distinction in Social Studies Education

Laura Zeldin Rose, Columbus

Cum Laude

Jennifer Maunsell Banks,
Canal Winchester
Dorothy Sarcone Benson, Cardington
Mary Beth Bobel, Lorain
Margaret Grace Boor, Shelby
Todd Aaron Brooks, Perrysburg
Sandra Schrader Buttermann, Marion
Jane Flewellen Clark, Chappaqua, N.Y.
Sheila Gossett Cottrill, Columbus
Suzanne Patrice Donahue, Pittsburgh, Pa.

Marilyn Hanna Eckstein, Mansfield
Liza Lovell Elliott, Worthington
Barbara Williams Ellis, Columbus
Kerry Alan Falkner, Springfield
William Richard Hughes, Pataskala
Michelle D. Katzenbach, Columbus
Bonnie Brown Levering, Edison
Timothy Lee McGuire, Marion
Diane Meckstroth, Columbus
Barbara Anne Minch, Rocky River
Hilary Lynne Morgan, North Olmsted
Sandra Ann Morgan, Lorain
Jodell Sue Newman, Lorain
Paul Douglas Pesses, Pepper Pike
Mark Raymond Polley, Columbus
David Scott Powell, Columbus
Rhonda Lareha Roberts, Shelby
Kathleen Ann Kinney Salyer, Rushsylvania
Constance Ann Schneider, Berea
Teresa Jean Sherrard, Columbus
Pamela Hatfield Smith, Circleville
Laura Eve Yearwood Thomas, Vincent
Donald Eugene Verhoff, Ottawa
Tim Dennison Woosley, Columbus
Jeffrey David Wyatt, Cincinnati
Michael G. Yount, Columbus

Cum laude with distinction in Classics

Georgia K. Mase, Columbus

With distinction in Agricultural Economics

Cheryl Kathryn Ricketts, Pickerington

With distinction in History

Jonathan Lewis Etherton, Columbus

With distinction in Political Science with honors in the Liberal Arts

Ruth Celeste Boice, Columbus

With distinction in Resource Development

William Charles Likens, Columbus

With honors in the Liberal Arts

William W. Friday, Columbus
David Fox Sandmel, Cincinnati

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 8, 1977

The Board of Trustees met at its regular monthly meeting on Thursday, December 8, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, Howard D. Sirak, Patricia D. James, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

December 8, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 78-51

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

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. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Clara Marie Bancroft

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 7, 1977, of Clara Marie Bancroft, Associate Professor Emeritus in the Department of Home Economics Education, School of Home Economics.

Miss Bancroft was born in Columbus, Ohio, on October 2, 1893. She received the Bachelor of Science in Home Economics degree in 1915 and her Master of Science degree in 1931, both from The Ohio State University.

Miss Bancroft was a teacher of home economics in the Columbus Public Schools from 1915 to 1919. She came to The Ohio State University July 1, 1919 as an Assistant Critic Teacher, became an Assistant Instructor in 1920 and full Instructor in 1922. She attained the rank of Assistant Professor in 1928 and Associate Professor in 1945. She retired July 1, 1957 and was granted the title Associate Professor Emeritus.

Miss Bancroft began working with student teachers of home economics at North High School in Columbus for the School of Home Economics. She continued throughout her professional life of many years at Ohio State in developing enthusiastic, young teachers of homemaking for the public schools of Ohio. Hundreds of former students credit her with their success in life as an individual and teacher.

Her love of life and enthusiasm for her profession were contagious. She was a teacher not only of her students but of her peers and friends. Committed to honesty and a well-ordered life, her interests and activities were widespread and her life values were influential in her church and her community. Her life was well planned and organized. She thoroughly enjoyed her attractive home and garden and loved sharing them with family, students and friends.

Miss Bancroft was awarded the Distinguished Alumni Award from the College of Agriculture and Home Economics in 1973.

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.

December 8, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Arthur Ross Milner

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 22, 1977, of Professor Emeritus Arthur Ross Milner of the Department of Agricultural Economics and Rural Sociology.

Professor Milner was born April 11, 1907, at Waterford, Ohio. He graduated from Waterford High School in 1925 after which he entered The Ohio State University. From this institution he received a Bachelor of Science in Agriculture degree in 1929. In 1949 he received the Master of Science degree in agricultural economics at Cornell University. Following his graduation from The Ohio State University in 1929, Professor Milner accepted employment with the Agricultural Extension Service in Ohio and served as a County Extension Agent in Ashtabula County until 1954. At this time he joined the faculty of the Department of Agricultural Economics and Rural Sociology at The Ohio State University as an Assistant Professor, specializing in farm management. In 1957 he was promoted to Associate Professor and in 1962 to Professor. Although he joined the faculty of the Department of Agricultural Economics and Rural Sociology as a specialist in farm management, most of his tenure was spent as a specialist in the area of grain marketing. He taught courses in grain marketing and for a number of years served as an instructor of clinics and short courses concerned with agribusiness management. He was also a recognized authority in the field of agricultural cooperatives and once taught a special course concerned with this topic to a special group of foreign students from the Congo. He was the author of a number of publications concerned with farm management, grain marketing, agricultural cooperatives, and agribusiness generally. This list includes a text, *Grain Marketing*, published by West-Camp Press, Inc., Westerville, Ohio, in 1970. Professor Milner was recognized as a national leader in the field of grain marketing. He devoted his life to serving the cause of agriculture in Ohio, the United States, and the world.

Professor Milner was not only a dedicated member of the profession of agricultural economics but was also a distinguished member of the community in which he lived. He was active in church and community affairs during his lifetime. He was a member of the Agricultural Economics Association and the Agricultural Marketing Forum as well as Gamma Sigma Delta, (the Honor Society of Agriculture), Alpha Zeta Honorary Fraternity, and Epsilon Sigma Phi Professional Fraternity.

On behalf of The Ohio State 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 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 University have sustained.

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December 8, 1977 meeting, Board of Trustees

**ESTABLISHMENT OF A PROGRAM FOR A
BACHELOR OF SCIENCE IN MINING ENGINEERING DEGREE**

Resolution No. 78-52

Synopsis: It is proposed that a program leading to a Bachelor of Science in Mining Engineering degree be established.

WHEREAS the University Senate at the meeting, November 12, 1977, approved a proposal for a new (tagged) degree program to be known as the Bachelor of Science in Mining Engineering; and

WHEREAS such a program is directly responsive to the stated needs of employers both in Ohio and across the United States; and

WHEREAS this program will provide a broadly based but career-oriented education:

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate for the establishment of the degree program--Bachelor of Science in Mining Engineering--be approved.

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

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MODIFICATION OF RULES OF THE UNIVERSITY FACULTY

29.2711 (Athletic Council); 29.2733 (Committee on Faculty Compensation and Benefits); 43.07 (Filing Registration Forms); and New Rule 43.08 (Additions to Approved Schedules)

Resolution No. 78-53

Synopsis: The University Senate proposes modification and the addition of a new rule to Rules of the University Faculty.

WHEREAS Rule 28.19 of the University Faculty sets forth procedures for amending Rules which require the approval and recommendation by the University Senate before transmission to the Board of Trustees for consideration; and

WHEREAS the University Senate at the meeting held November 12, 1977, approved modification of several rules and a new rule as set forth on the following pages and summarized as follows:

RULES

29.2711. Athletic Council.

Section 3. The Athletic Council shall elect the University's faculty representative to the Western Conference. All regular faculty members shall be eligible for election, including faculty members currently serving on the Athletic Council. A slate of nominees shall be prepared by the Nominating Committee of the Athletic Council. Election shall take place in the spring in conjunction with the election of Council officers. Initially, the person elected shall serve as Faculty Representative-Elect for a period of one year prior to beginning regular service. The term of regular service shall be three years commencing July 1 of the year following initial election. A faculty representative who is not a member of Athletic Council shall serve as an *ex officio* non-voting member. Re-election as faculty representative for no more than one additional three-year term shall be permissible.

The Chairperson of the Athletic Council or the Chairperson's Designee from among the faculty members of the Athletic Council shall serve as an *ex officio* alternate for the faculty representative with full voting privileges at Conference meetings.

29.2733. Committee on Faculty Compensation and Benefits.

A. Membership:

1. The committee shall consist of:
 - a. 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;
 - b. The Provost or his designee, *ex officio*;
 - c. The Vice President for Personnel Services, or his designee, *ex officio*; and
 - d. Additional *ex officio*, non-voting members and consultants from the University, at the discretion of the committee.

43.07. Filing Registration Forms.

All students are required to present their registration forms with course requests each quarter at the time and place announced by the Office of Registration, Records, and Scheduling. Failure to comply with this rule will result in a penalty assessment.

RULES (contd)

43.08. Additions to Approved Schedules.

Section 1. Until the official closing time on the first Friday of a quarter additions to Approved Schedules in undergraduate Colleges require the approval of the student's enrollment unit.

Section 2. After the first Friday of a quarter and until the official closing time of the second Friday, additions to Approved Schedules require the permission of the instructor (or, with the instructor's concurrence, a representative as appointed by the Department) and the approval of the student's enrollment unit.

Section 3. After the second Friday of a quarter additions to Approved Schedules require the permission of the instructor, (or, with the instructor's concurrence, a representative as appointed by the Department), the permission of the Chairperson of the instructor's Department or the Director of the School (or of the designated representative of the Chairperson or the Director), and the approval of the student's enrollment unit.

Section 4. Because of the accelerated nature of summer-term courses, deadlines for adding these courses are as follows. From the first day of classes until the official closing time on the first Friday of each summer term a student may add a course only with the permission of the instructor (or, with the instructor's concurrence, a representative as appointed by the Department) and the approval of the student's enrollment unit. After this date a student wishing to add a summer-term course to the Approved Schedule must have, in addition, the permission of the instructor's Department Chairperson or the Director of the School (or of the designated representative of the Chairperson or the Director).

Section 5. For courses of shorter duration deadlines and approval procedures will be established by the instructional unit in which the course is offered after consultation with the Office of Registration Services.

Section 6. The Graduate School and graduate professional colleges shall formulate rules to govern additions to Approved Schedules, subject to approval of the Council on Academic Affairs and publish them in their respective bulletins.

December 8, 1977 meeting, Board of Trustees

MODIFICATION OF RULES OF THE UNIVERSITY FACULTY (contd)

29.2711 (Athletic Council); 29.2733 (Committee on Faculty Compensation and Benefits); 43.07 (Filing Registration Forms); and New Rule 43.08 (Additions to Approved Schedules) (contd)

Rule 29.2711

The change sets up qualifications and suggested terms for serving as a Faculty Representative to the Western Conference.

Rule 29.2733

Responsibility for budget and personnel problems has changed from Vice President for Business and Administration to Vice President for Personnel Services.

Rule 43.07

A more reasonable deadline for filing registration forms is set forth in this modified rule.

Rule 43.08

This new rule sets forth procedures for additions to approved schedules.

NOW THEREFORE

BE IT RESOLVED, That the changes in *Rules of the University Faculty*, as proposed by the University Senate, be adopted.

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

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ESTABLISHMENT OF THE JAMES W. SHOCKNESSY PROFESSORSHIP OF LAW

Resolution No. 78-54

Synopsis: An "Endowed Professorship" in the College of Law is being proposed.

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

WHEREAS a bequest to The Ohio State University Development Fund from the late James W. Shocknessy has been received for the establishment of "The James W. Shocknessy Professorship" in the College of 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

December 8, 1977 meeting, Board of Trustees

ESTABLISHMENT OF THE JAMES W. SHOCKNESSY PROFESSORSHIP OF LAW (contd)

WHEREAS the annual income is to be used to provide support for the work of a distinguished legal teacher and scholar and appointment to the Shocknessy Professorship will be recommended by the Dean of the College of Law to the Provost and approved by 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 administrative official of the University who is then directly responsible for legal education:

NOW THEREFORE

BE IT RESOLVED, That "The James W. Shocknessy Professorship of Law" be established in accordance with the terms of the will.

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

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**APPOINTMENT - DR. KATHRYN SCHOEN
VICE PRESIDENT FOR EDUCATIONAL SERVICES**

Resolution No. 78-55

President Enarson made the following statement:

You will recall some time ago, I reported to the Board that John Bonner had indicated his desire to be relieved of his administrative duties not later than June 30, 1978. I would like to say publicly and in John's presence that he has been a long and loyal servant dedicated to the best interests of the University. It is no small accomplishment for a person to serve in a University administrative post over the period of time he has. In accordance with an understanding that I have with this Board, I bring recommendations at the Vice Presidential level forward only after these recommendations have been reviewed in executive session by the Board, as is permitted under the laws of the State of Ohio. I am pleased to recommend at this time the appointment of Dr. Kathryn Schoen, who is presently a member of the Provost's staff, to the position of Vice President for Educational Services. In this connection I present the following resolution.

WHEREAS Dr. John T. Bonner, Jr., has announced his intention to retire from his position as Vice President for Educational Services not later than June 30, 1978; and

WHEREAS the President of the University and this Board wish to gain the maximum benefit from Dr. Bonner's remaining service to the University and to provide for the best possible transition from his service to that of his successor in office; and

December 8, 1977 meeting, Board of Trustees

**APPOINTMENT - DR. KATHRYN SCHOEN
VICE PRESIDENT FOR EDUCATIONAL SERVICES (contd)**

WHEREAS upon the recommendation of the President, this Board wishes to appoint Dr. Kathryn Schoen to succeed Dr. Bonner as Vice President for Educational Services;

NOW THEREFORE

BE IT RESOLVED, That Dr. Kathryn Schoen is hereby appointed Vice President for Educational Services--designee, effective February 1, 1978; and

BE IT FURTHER RESOLVED, That Dr. Schoen will, as of that date, commence work with Dr. Bonner in the Office of Educational Services, assuming responsibility for that Office at such future date as may be determined.

President Enarson continued:

I know that many, although not all of you, know Kathryn Schoen rather well. I have been privileged to be well acquainted with her in the years that I have been associated with the University. It seemed to me entirely appropriate for this University to look within in filling this important post. We sought somebody who had the respect of the faculty, who had a sense of the types of activities, and their relative importance, going on in the domain of the Vice President for Educational Services. And, of course, that includes the Library as a key resource, WOSU-TV as another key resource, and the Continuing Education program including the operation of this facility (Fawcett Center for Tomorrow). Those of you who know Kathy Schoen I think will agree with my judgment that she has a first-rate analytical mind, a deep interest in the University, and I am confident that she will have the full support of the faculty. I would now like Al Kuhn to comment on this recommendation because of his close association with Kathy Schoen.

Dr. Kuhn made the following statement:

It has been my pleasure and my privilege to have Dr. Schoen as a colleague in my office since 1972. Her responsibilities as Associate Provost for Faculties have been the whole range of personnel policies, grievances, all matters which relate to faculties. I can attest that she has been consistently tough-minded. The President said that she is analytical. She certainly is. She has an eye for detail as well as for a wide range of perspective in the institution. She has served on a number of major committees and commissions. She has a national reputation in health affairs, sitting on a number of national panels in Washington. She is an expert in her field--communication. She has been of invaluable assistance to me and I shall miss her, but I know she will do a splendid job in almost anything she would undertake. So I commend her to you very highly, indeed.

Upon motion of Dr. Sirak, 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. 78-56

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignations from Administrative Positions, Leaves of Absence Without Salary, and Emeritus Title are recommended for approval.

President Enarson made the following statement:

I wish to report to the Board the proposed resignations of two academic administrators who have served with distinction in their respective posts.

Dr. Richard H. Bohning, Dean of the College of Biological Sciences, and Dr. William E. Hall, Director of the School of Journalism, have indicated their desire to resign from their administrative positions effective June 30, 1978. I want to say a word about both of them.

Dr. Bohning has served the University for more than 30 years--as a faculty member and Associate Dean in the College of Agriculture, and for the past nine years as Dean of the College of Biological Sciences.

Under his leadership as Dean, the Biological Sciences have developed into strong disciplines on this campus and he has brought to the College both fiscal stability and academic integrity.

He has served on numerous major University committees and councils, always giving selflessly of his time and dedication to the best interests of the University at large. He has, in short, been a key member of our academic community for more than three decades.

Dr. Hall became Director of the School of Journalism in 1966, coming to us from the University of Nebraska where he had served with distinction for ten years.

During his twelve years as Director, our School has become one of the most notable in journalism education in the nation. A recent accreditation visit by the American Council on Education in Journalism gives us high marks in each of our three major sequences (news-editorial, public relations, and radio-television news). And our students have won more national honors this past year than during any previous period.

We are proud of this impressive record, and to both Dean Bohning and Dr. Hall we express our grateful appreciation for their leadership and for their dedication to The Ohio State University.

December 8, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the November 4, 1977 meeting of the Board, including the following Resignations from Administrative Positions, Leaves of Absence Without Salary, and Emeritus Title as detailed in the University Budget for 1977-78, be approved.

Resignations from Administrative Positions

RICHARD H. BOHNING who has served as Dean of the College of Biological Sciences since 1969 has asked to be relieved of this administrative responsibility, effective June 30, 1978.

WILLIAM E. HALL who has served as Director of the School of Journalism since 1966 has asked to be relieved of this administrative responsibility, effective June 30, 1978.

Leaves of Absence Without Salary

WILLIAM H. HALVERSON, Associate Dean, University College, effective March 1, 1978 through March 31, 1978, to pursue a study of the Norwegian System of Higher Education, Bergen State College.

RAYMOND W. DOSKOTCH, Professor, College of Pharmacy, effective December 1, 1977 through December 31, 1977, to accept a Visiting Professorship at the University of Wisconsin.

MICHAEL L. BENEDICT, Associate Professor, Department of History, effective January 1, 1978 through September 30, 1978, to accept a Guggenheim Fellowship.

WILLIAM C. SLATER, Assistant Professor, Department of Botany (Newark Campus), effective January 1, 1978 through March 31, 1978, for personal reasons.

VIVIAN STEAHLY, Assistant Professor, Department of English (Lima Campus), effective January 1, 1978 through March 31, 1978, for personal reasons.

EUGENE J. WATTS, Assistant Professor, Department of History, effective May 1, 1978 through September 30, 1978, to accept a National Endowment of the Humanities Fellowship to be in residence at the Newberry Library.

MARTHA S. ALT, Instructor, University Libraries, effective January 1, 1978 through June 30, 1978, for personal reasons.

Emeritus Title

RICHARD C. NELSON, Department of Physics, with the title Professor Emeritus, effective January 1, 1978.

December 8, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Mr. Gushman expressed thanks to Dr. Bonner:

Before proceeding with the vote on the other personnel actions, I would like to simply say that I have known John Bonner for many years and on behalf of the Board, John, I would like to thank you for your dedicated service to this University and if you would please stand we would like to give you a little round of recognition.

Upon motion of Dr. Sirak, 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. 78-57

Synopsis: The report on contracts, grants, and gifts and the summary for October is 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 report from the Office of Business and Administration and The Ohio State University Development Fund during the month of October, 1977, be approved.

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

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

SUMMARY FOR OCTOBER, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	13	\$ 413,284.00
The Ohio State University Research Foundation	64	4,962,137.37
The Engineering Experiment Station	4	148,796.00
		\$5,524,217.37
The Ohio State University Development Fund	3,448 Donors	\$ 863,430.94
Establishment of Named Funds		
Battelle Scholars Program (Undergraduate Student Scholarships)		\$656,000.00
The Josephine Sitterle Failer Scholarship in Pharmacy (College of Pharmacy)		20,000.00
Lucile Marine Education Support Fund (College of Education)		15,966.00
Dr. Edwin R. Blamey and Mrs. Isabel Blamey Scholarship Fund in Veterinary Medicine (College of Veterinary Medicine)		10,000.00

December 8, 1977 meeting, Board of Trustees

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$162,002.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation, July 1, 1977 through June 30, 1978. (Grant No. MCT-000922-11-1)

\$90,140.00 - Department of Health, Education, and Welfare, Office of Human Development, Administration on Aging, Washington, D. C., Consortium to Expand Use of Retired Technician as Volunteers to Strengthen Occupational Education in Post-Secondary Institutions, The Center for Vocational Education, August 1, 1977 through July 31, 1978. (Grant No. 90-A-1157[01])

\$39,302.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Postsecondary Education, Washington, D. C., Reimbursement of National Defense/Direct Student Loan principal cancelled due to teacher and/or military service and the interest which was prevented from accruing during Fiscal Year ending June 30, 1976, Student Financial Aids, letter dated September 20, 1977. (Appropriation No. 7570293)

\$9,000.00 - U. S. Office of Education, Office of Career Education, Grant and Procurement Management Division, Washington, D. C., Index of Interim, Supplemental and Final Reports from Career Education Pilot Projects Supported Under Part C and Part D of Public Law 90-576, The Center for Vocational Education, September 29, 1977 through May 31, 1978. (Appropriation No. 7570271)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$300,444.00**

State of Ohio Contracts/Grants

\$57,531.00 - State of Ohio, Department of Education, Columbus, Ohio, Adult Basic Education - Staff Development, Academic Faculty of Vocational-Technical Education, 1977 Fiscal Year.

\$32,124.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, The Development of Common Core Curricula and Standard Personnel Development Program Criteria for Vocational Teacher Education, Academic Faculty of Vocational-Technical Education, October 30, 1977 through September 30, 1978.

December 8, 1977 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$9,000.00 - State of Ohio, Ohio Youth Commission, Columbus, Ohio, for training teachers in the use of DTIMS materials in assessing students, planning instruction based upon the assessment findings, implementing the instruction and evaluating the results, Academic Faculty of Exceptional Children, September 1, 1977 through June 30, 1978.

\$4,000.00 - State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, In-Service Workshop - Gifted and Talented, Academic Faculty of Exceptional Children, July 25, 1977 through August 12, 1977.

\$2,500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, 1977/1978 Dance Touring Program, Department of Dance, July 1, 1977 through April 30, 1978.

\$2,010.00 - State of Ohio, Department of Education, Columbus, Ohio, for a one-day workshop in pedestrian and/or driver education, The Center for Vocational Education, September 26, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$107,165.00

Industrial and Other Contracts/Grants

\$2,557.00 - State of Iowa, Department of Public Instruction, Des Moines, Iowa, AEA Career Guidance Workshop, The Center for Vocational Education, October 23, 1977 through October 27, 1977.

\$1,840.00 - State of West Virginia, State Board of Education, Vocational Bureau, Charleston, West Virginia, planning and conducting a state-wide career guidance workshop for selected school counselors, guidance counselors, and vocational counselors, The Center for Vocational Education, September 19, 1977 through September 27, 1977.

\$1,278.00 - State of California, Office of Criminal Justice Planning, Sacramento, California, to provide consultative technical assistance in establishing a correctional school district, The Center for Vocational Education, August 7, 1977 through August 11, 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$5,675.00

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,070,000.00 - Federal Energy Administration, Washington, D. C., Provide Technical Assistance to State Regulatory Commissions in Developing Conservation Programs, College of Engineering, 1 October 1977 through 28 October 1978. (Project 710786 - New)

\$911,000.00 - Department of State, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistant Bureau, AID and the Department of Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology, 29 September 1977 through 28 September 1979. (Project 710704 - New)

\$283,967.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Career Education, The Center for Vocational Education, 14 September 1977 through 13 September 1978. (Project 710777 - New)

\$196,460.00 - Department of the Interior, Fish and Wildlife Services, Washington, D. C., A Summary of Knowledge of the Fish and Wildlife Resources of the Coastal Wetlands of the Great Lakes of the United States, Center for Lake Erie Area Research, College of Biological Sciences, 30 September 1977 through 29 September 1978. (Project 710779 - New)

\$114,460.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science-Mathematics Education, 1 October 1977 through 30 September 1978. (Project 710821 - New)

\$100,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Radar Cross Section Studies and Calculations (U), ElectroScience Laboratory, Department of Electrical Engineering. (Project 784346 - Modification No. P00004)

\$95,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Evaluation and Research Program for the Portable Braille Recorder (Digi-Cassette), Academic Faculty for Exceptional Children, 1 October 1977 through 30 September 1978. (Project 710738 - New)

\$89,357.00 - 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, 1 September 1977 through 31 August 1978. (Project 764576 - Extension No. 1)

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$88,945.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Adaptive Behavior - Children's Scale Behavior, Nisonger Center for Mental Retardation, Office of Health Sciences, 16 August 1976 through 30 September 1978. (Project 784557 - Revision No. 2)

\$86,387.00 - Energy Research and Development Administration, Albuquerque, New Mexico, Salt - Gradient Solar Pond Development, Department of Physics, 30 September 1977 through 31 March 1978. (Project 710793 - New)

\$85,700.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Employment and/or Further Training of Health Trained Veterans (MEDIHC Program), Department of Medicine Administration, 30 September 1977 through 28 September 1978. (Project 710768 - New)

\$77,332.00 - Department of Labor, Washington, D. C., A Proposal to Assess the Impact of Regulatory Changes on Collective Bargaining Strategies and Outcomes in the Gas and Electric Utilities with the State of Ohio, Academic Faculty of Management Science, 29 September 1977 through 28 September 1978. (Project 710818 - New)

\$75,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Grant in Support of Administration of the Cooperative Education Program at The Ohio State University, Department of Mechanical Engineering, 1 September 1977 through 31 August 1978. (Project 710790 - New)

\$70,360.00 - Department of the Air Force, Air Force Office of Scientific Research (AFSC), Bolling Air Force Base, D. C., *In Vitro* Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology. (Project 760702 - Modification No. F49620-77-C-0110)

\$68,443.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Columbus Area Reading Academy, College of Social Work, 1 September 1976 through 31 August 1978. (Project 784523 - Revision No. 1)

\$66,489.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Antigenicity of Precancerous Lesions in Animal Models, Department of Veterinary Pathobiology, 30 September 1977 through 29 September 1978. (Project 710820 - New)

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$65,329.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Toxoplasma Gondii and Oocyst Shedding, Department of Veterinary Pathobiology, 30 September 1977 through 31 August 1978. (Project 710823 - New)

\$64,430.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Basic Research in 3-Dimensional Imaging for Transient Radar Scattering Signatures, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784785 - Modification No. P00001)

\$63,615.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Visual Response System Demonstration Project, Academic Faculty for Exceptional Children, 1 October 1977 through 30 September 1978. (Project 710824 - New)

\$58,023.00 - Department of Labor, Washington, D. C., Alternative Approaches to Grievance Resolutions, Academic Faculty of Labor and Human Resources, 29 September 1977 through 28 September 1978. (Project 710819 - New)

\$55,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Pilot Study and Research on Increasing Reading Rates with the Optacon, Academic Faculty for Exceptional Children, 1 October 1977 through 30 September 1978. (Project 710740 - New)

\$51,282.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Computer Assisted Budgeting for the Currently Unemployed, School of Home Economics, 1 October 1977 through 30 September 1978. (Project 710785 - New)

\$48,488.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Silver Spring, Maryland, Therapy of Patients with Brain Tumors, Department of Surgery, 1 November 1975 through 31 October 1978. (Project 784327 - Modification No. 4)

\$46,819.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry, 1 September 1977 through 31 August 1978. (Project 710689 - Extension No. 12)

\$35,202.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Investigations of the Pathogenesis of Feline Leukemia, Department of Veterinary Pathobiology, 30 September 1977 through 31 August 1978. (Project 710705 - New)

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,574.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Radar Identification of Naval Vessels, ElectroScience Laboratory, Department of Electrical Engineering, 15 September 1976 through 30 September 1978. (Project 784558 - Modification No. P00002)

\$29,590.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Electrically Small Antennas, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784311 - Sponsor letter dated 3 October 1977)

\$26,300.00 - Department of Agriculture, Agricultural Research Service, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology, 16 June 1977 through 30 June 1979. (Project 784758 - Sponsor letter dated 16 September 1977)

\$24,700.00 - National Science Foundation, Washington, D. C., Ohio Regional Conferences on Mathematics Education, Academic Faculty of Science-Mathematics Education, 7 September 1977 through 31 December 1978. (Project 710811 - New)

\$23,865.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Deformation Structures in Metal Crystals Due to Wear and Machining at High Speeds, Department of Industrial and Systems Engineering, 1 December 1977 through 30 September 1978. (Project 710709 - New)

\$21,492.00 - Department of Health, Education, and Welfare, 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, 30 September 1977 through 31 August 1978. (Project 710701 - New)

\$18,500.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Aviation, 1 September 1976 through 30 September 1978. (Project 784511 - Supplement No. 2)

\$18,000.00 - 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. (Project 784676 - Modification No. P00001)

\$15,800.00 - National Science Foundation, Washington, D. C., Rotation and Charge of a Black Hole in Radiative Equilibrium: Quantum Transitions, Dissipation and Fluctuations, Department of Mathematics, 1 August 1977 through 31 July 1979. (Project 710810 - New)

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,993.00 - Department of Labor, National Commission on Employment/Unemployment Statistics, Washington, D. C., Proposal for a Background Paper on User Needs for Employment and Unemployment Statistics in Program and Policy Evaluation, Academic Faculty of Labor and Human Resources, 1 October 1977 through 15 January 1978. (Project 710825 - New)

\$9,915.00 - ACTION/Peace Corps, Washington, D. C., Vocational Technical Education Leadership Recruitment, Academic Faculty for Vocational and Technical Education, 27 September 1977 through 15 September 1978. (Project 710822 - New)

\$9,800.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Antenna Pattern Prediction, ElectroScience Laboratory, Department of Electrical Engineering, 1 October 1976 through 1 January 1978. (Project 784575 - Modification No. P00002)

\$9,500.00 - Department of the Interior, Fish and Wildlife Service, Twin Cities, Minnesota, An Investigation of Mortality of Lake Trout Stocked by Airplanes, Department of Zoology, 15 September 1977 through 31 December 1978. (Project 710769 - New)

\$3,900.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Ecology, Department of Zoology, 15 October 1977 through 31 October 1979. (Project 710706 - New)

\$180.00 - Department of the Army, Army Engineer District, Buffalo, New York, Great Lakes Shoreline Damage Survey for the State of Ohio - Phase II, Department of Civil Engineering. (Project 710532 - Modification No. P00002)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$4,220,197.00

State of Ohio Research Contracts/Grants

\$100,000.00 - 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, College of Administrative Sciences, 1 July 1977 through 30 June 1978. (Project 710828 - New)

\$73,700.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology, 1 October 1977 through 30 September 1978. (Project 710805 - New)

\$17,000.00 - State of Ohio, Department of Health, Division of Chronic Diseases, Columbus, Ohio, Language Retraining for Aphasic Individuals, Department of Communication, 1 October 1977 through 30 September 1978. (Project 710707 - New)

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$9,950.00 - State of Ohio, Department of Health, Office of Health Planning, Columbus, Ohio, Manpower for Ohio Hospitals: A Planning Analysis, Department of Preventive Medicine, 1 July 1977 through 30 September 1978. (Project 784753 - New)

\$8,361.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics. (Project 710295 - Sponsor letters dated 8 July 1977 and 11 August 1977)

\$6,480.00 - State of Ohio, Department of Education, Columbus, Ohio, Assistance with Policy Analysis and Administration, Academic Faculty of Educational Administration, 1 September 1977 through 31 August 1978. (Project 710691 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$215,491.00

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

\$82,197.00 - City of Columbus, Department of Community Services, Columbus, Ohio, Reading Outreach, College of Social Work, 26 September 1977 through 10 October 1978. (Project 710803 - New)

\$74,690.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Adaptive Behavior Analysis Program, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 September 1977 through 31 August 1978. (Project 710683 - New)

\$64,898.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine. (Project 784638 - Amendment No. 1)

\$58,005.00 - Battelle-Columbus Laboratories, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology and Pharmacology, 1 April 1975 through 30 September 1978. (Project 784155 - Supplement No. 8)

\$40,931.00 - University of Oklahoma, Norman, Oklahoma, Development Center for the Preparation of Supplemental Instructional Units Based on Current Crustal Research for Use in Grades 8-10, Academic Faculty of Science-Mathematics Education, 1 August 1977 through 31 August 1978. (Project 710703 - New)

\$33,641.00 - DASI Industries, Inc., Chevy Chase, Maryland, Quantification of the Denaturation of Serum Proteins, Caseins and the Extent of Casein-serum Protein Interaction that Occur in Ultra-High Temperature Preserved Milk, Department of Food Science and Nutrition, 1 November 1977 through 31 January 1979. (Project 710813 - New)

December 8, 1977 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)

\$32,983.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Preschool Classroom Units, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 September 1977 through 31 August 1978. (Project 710682 - New)

\$26,617.79 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry. (Project 710039 - OSURF letter dated 3 October 1977)

\$23,680.00 - DASI Industries, Inc., Chevy Chase, Maryland, Enzymatic Activity in Sterile Milk Products, Department of Food Science and Nutrition, 1 November 1977 through 31 January 1979. (Project 710812 - New)

\$20,978.00 - Upper Arlington Schools, Columbus, Ohio, The Upper Arlington Career Education Internship Program, Academic Faculty of Special Services, 1 October 1977 through 30 June 1978. (Project 710807 - New)

\$19,885.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of *in vitro* Methods Used in Toxicological Research, Department of Veterinary Clinical Sciences, 1 July 1976 through 30 September 1978. (Project 784427 - Agreement dated 27 October 1977)

\$15,344.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Early Childhood Training, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 September 1977 through 31 August 1978. (Project 710684 - New)

\$8,799.58 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry. (Project 782070 - OSURF letter dated 3 October 1977)

\$7,500.00 - Madison County Schools, London, Ohio, Martin Essex School for the Gifted, Academic Faculty of Exceptional Children, 15 July 1977 through 30 November 1977. (Project 710690 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Importance of Oxygen Radicals in Monocyte Function, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 710829 - New)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 783911 - Check dated 6 September 1977)

\$5,000.00 - Madison County Mental Health Center, Madison County Hospital, London, Ohio, Madison County Mental Health Center Internship Program, Academic Faculty of Special Services, 1 October 1977 through 30 June 1978. (Project 710809 - New)

December 8, 1977 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)

\$300.00 - The Presbytery of Scioto Valley, United Presbyterian Church, U.S.A., Columbus, Ohio, A Pamphlet Describing the OSU Right-to-Read Program, College of Social Work, 1 November 1977 through 30 November 1977. (Project 710835 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS** **\$526,449.37**

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research

\$110,000.00 - Electric Power Research Institute, Palo Alto, California, Study of Electrostatic DC Fields in Converter Stations, Department of Electrical Engineering, September 1, 1977 through September 30, 1978. (EES 571)

\$18,817.00 - City of Columbus, Division of Sewage and Drainage, Columbus, Ohio, Elimination of Filamentous Blue-Green Algae at the Southerly Sewage Treatment Plant, Department of Civil Engineering, October 12, 1977 through October 11, 1978. (EES 547, Extension No. 1)

\$10,000.00 - Columbia Gas System Service Corporation, Columbus, Ohio, Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, July 15, 1977 through July 14, 1978. (EES 510)

\$9,979.00 - ABEX Corporation, Mohawk, New Jersey, Ultrasonic Removal of Sand from Castings, Department of Engineering Mechanics, October 1, 1977 through December 31, 1977. (EES 573)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH **\$148,796.00**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$100,000.00 from The Ohio Association of Realtors, Columbus, Ohio, (given in the names of H. J. Roesch, Jr., J. J. Spatz, D. W. Marks, J. R. Stewart, D. E. Fender, Jr., R. L. McAllister, K. A. Shoemaker, J. M. Burtch, III, T. A. Lockwood, and C. A. Rice), for the John W. Galbreath Chair in Real Estate.

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$55,150.00 from The Yassenoff Foundation, Inc., Columbus, Ohio--\$25,000.00 for Leo Yassenoff Chair of Jewish Philosophy; \$15,000.00 for University Activities Center; \$7,650.00 for various projects at the University; and \$7,500.00 for Student Athlete Grant-in-Aid Fund.

\$54,568.00 from Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for Glenna R. Joyce Trust Scholarship Fund.

\$34,938.52 from Systems Associates-Clearing Account, Columbus, Ohio--\$32,671.71 for Department of Medicine General Fund and \$2,266.81 for Clinical Pharmacology of Dobutamine-Eli Lilly Company Fund.

\$26,276.72 from Louise Orr Scott Foundation, Columbus, Ohio--\$19,707.54 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$6,569.18 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$25,000.00 from Mansfield O.S.U. Campus Fund, Mansfield, Ohio, for Mansfield Campus Support Fund.

\$25,000.00 from Everett D. Reese Fund of the Columbus Foundation, Columbus, Ohio, (given in the name of Everett D. Reese)--\$20,000.00 for Everett D. Reese Arthritis Research Fund and \$5,000.00 for Harry E. LeFever Fund for Education in Neurological Surgery.

\$25,000.00 from Fritz Straumann Surgical Research Fund, Waldenburg, Switzerland, for Veterinary Surgery Research Fund.

\$22,392.50 from Burroughs-Wellcome Co., Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

\$21,917.46 from Consolidated Business Services, Inc., Columbus, Ohio, for Department of Medicine General Fund.

\$20,000.00 from Shell Companies Foundation, Columbus, Ohio--\$5,000.00 for Shell Companies Foundation Fund for Metallurgical Engineering; \$5,000.00 for Shell Companies Foundation Fund for Chemical Engineering; \$5,000.00 for Electrical Engineering; and \$5,000.00 for Management Science Faculty Support Fund.

\$17,500.00 from General Electric Foundation, Bridgeport, Connecticut--\$10,000.00 for Affirmative Action Program in Engineering and \$7,500.00 for Department of Metallurgical Engineering Support Fund.

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$16,000.00 from The E. F. Wildermuth Foundation, Columbus, Ohio, for loans and scholarships in the College of Optometry.

\$14,000.00 from Ohio Lions Eye Research Foundation, Steubenville, Ohio, for Institute for Research in Vision.

\$12,000.00 from Hoffmann-LaRoche, Inc., Nutley, New Jersey, for the Hoffmann-LaRoche, Inc., Research Fund.

\$10,000.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware, for E. I. du Pont-Haskell Laboratory Fellowship in Veterinary Pathology.

\$10,000.00 from Ohio Florists Association, Columbus, Ohio, for D. C. Kiplinger Chair in Floriculture.

\$10,000.00 from Everett D. Reese Fund of the Columbus Foundation, Columbus, Ohio, (given in the name of Mrs. Robert M. Zollinger), for Everett D. Reese Fund for Gastrin and CEA Studies Fund.

\$9,100.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

\$7,125.00 from Merck & Company, Inc., Rahway, New Jersey, for Infectious Disease Research Fund.

\$7,000.00 from Nephrology Associates, Columbus, Ohio, for Renal Disease Research Fund.

\$6,926.00 from Melvin E. Moffitt Estate, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$6,900.00 from Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

\$6,589.56 from Carl and Grace Baldwin Trust, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,304.00 from Dade Division-American Hospital Supply Corporation, Miami, Florida, for Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$6,300.00 from Richard H. Keates, M.D., Inc., Columbus, Ohio, (given in the name of Richard H. Keates), for Eye Bank Fund.

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$6,000.00 from The Standard Oil Company, Cleveland, Ohio--\$4,000.00 for Sohio Chemical Engineering Fund and \$2,000.00 for Affirmative Action Program in Engineering.

\$5,136.32 from The Huntington National Bank, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 from The Allstate Foundation, Hudson, Ohio, for Allstate Foundation Nursing Scholarship Program.

\$5,000.00 from John Peter Minton, M.D., Columbus, Ohio--\$2,500.00 for Zollinger Research Fund and \$2,500.00 for Cancer Research Fund.

\$5,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for John W. Galbreath Chair in Real Estate.

\$5,000.00 from Union Carbide Corporation, New York, New York, for Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering.

Establishment of Named Funds

Battelle Scholars Program

The Battelle Scholars Program was established December 8, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University through the Development Fund from Battelle Memorial Institute 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, with the right to invest and reinvest as occasion dictates.

The annual income and principal is to be used to provide for not less than ten (10) nor more than twenty (20) additional academic scholarships in the amount of \$1,500 each year. Each such annual scholarship shall be awarded to students of high leadership potential who reside in Franklin and contiguous counties. The recipients of such scholarships shall be designated and referred to as "Battelle Scholars." For any academic year beginning after the Battelle Scholars Program has been in effect for 10 years, the number and dollar amount of scholarships awarded annually under this program may be varied, as determined by the University. Distributions from the Battelle Scholars Program for this purpose may be made from income or principal or both, until the Battelle Scholars Program is exhausted.

December 8, 1977 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 Josephine Sitterle Failer Scholarship in Pharmacy

The Josephine Sitterle Failer Scholarship in Pharmacy was established December 8, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates in honor of Josephine Sitterle Failer, B.S.Pharm. '39, 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 or reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduates in the College of Pharmacy. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee of the College of Pharmacy.

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 Pharmacy education.

Lucile Marine Education Support Fund

The Lucile Marine Education Support Fund was established December 8, 1977, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the late Lucile Marine, B.A. '15, B.Sc. '15, formerly of Toledo, Ohio.

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

The annual income is to be used for the support of the College of Education. All requisitions for the use of the money are to be approved by the Dean of the College of Education.

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 being given to recommendations from the appropriate administrative official of the University who is then directly responsible for teaching education.

December 8, 1977 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**Dr. Edwin R. Blamey and Mrs. Isabel Blamey
Scholarship Fund in Veterinary Medicine**

The Dr. Edwin R. Blamey and Mrs. Isabel Blamey Scholarship Fund in Veterinary Medicine was established December 8, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Progressive Dog Club of Greater New York, to honor Dr. Edwin R. Blamey and Mrs. Isabel Blamey for their outstanding service and commitment of time, talents and energy for the betterment of pure-bred dogs and toy dogs in particular.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 in honor of Dr. Edwin R. Blamey and Mrs. Isabel Blamey, for students of The Ohio State University College of Veterinary Medicine, who have demonstrated exceptional ability and/or need for financial assistance.

The selection of the recipient of said scholarship(s) is to be made upon the recommendation of the Dean of the College of Veterinary Medicine. Whenever possible, preference is to be shown to those students who have expressed an interest in toy dogs and who are involved in toy breeds research.

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 medicine education.

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EMPLOYMENT ARCHITECT/ENGINEER

CANCER CENTER

Resolution No. 78-58

Synopsis: Vertical expansion of Wiseman Hall with a two-story addition containing 23,333 gross square feet, to house maximum-containment research laboratories for cancer research, with limited spaces for administration and program evaluation.

December 8, 1977 meeting, Board of Trustees

EMPLOYMENT ARCHITECT/ENGINEER (contd)

CANCER CENTER (contd)

WHEREAS the present Ohio State University's Cancer Center offices are temporarily housed in McCampbell Hall, which facility's prime use is not related to cancer research, and it has neither central laboratory facilities nor centralized administrative and record-keeping space; and

WHEREAS as cancer research progresses and experiments involve more potential sources of contamination and disease transfer mechanisms, the need for higher containment of laboratory facilities is required to protect the public, the investigators and technicians, and the experimental procedures; and

WHEREAS \$1,000,000 has been provided from H. B. 618 and \$1,681,875 has been provided by the National Cancer Institute for the design and construction of this project:

NOW THEREFORE

BE IT RESOLVED, That the firm of Dan A. Carmichael of Columbus, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans for the additional third and fourth floors over the entire building with basics and finals for only the area of this project known as the "Cancer Center," which includes basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and supervision of construction; 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 project cost being \$2,681,875.

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

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PLANS AND SPECIFICATIONS

Resolution No. 78-59

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following project are presented for approval.

December 8, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

**MASONRY REPAIRS - EXTERIOR 1978
(BIOLOGICAL SCIENCES BUILDING AND CAMPBELL HALL)**

Project: Perform preventive maintenance work to prevent entrance of water and subsequent damage to the buildings.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$156,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, 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. 78-60

Synopsis: Contracts have been awarded for three projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for each of the following projects:

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE III

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.

December 8, 1977 meeting, Board of Trustees

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

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE III (contd)

Temperature Control Contract

Date Received:	April 16, 1975*
Bids:	Alternate, unit price bids, and pricing procedures established when bids were received on Phase I and II of this project by the Department of Administrative Services, Division of Public Works.*
Estimate of Cost:	\$550,000*
Total Project Cost:	\$550,000*
Awarded to:	Johnson Controls, Inc. (Columbus, Ohio)*
Total Contingency Allowance:	Not Applicable
Funding:	H.B. 618 (Utilities and Renovation 77-79 Biennium)

*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 the work on the Central Campus Energy Control Center.

WENDELL D. POSTLE HALL - VENTILATION IMPROVEMENTS

Description: Conversion of ventilation system to reduce operational costs and improve environmental conditions for occupants.

Mechanical Contract

Date Received:	November 17, 1977
No. of Bids:	1
Low Bid:	\$53,200.00*
Estimate of Cost:	\$50,000.00*

*Mechanical Contract was in excess of the filed estimate of cost; however, the price of the contract is within ten percent of the total cost for the project and was therefore recommended to the Division of Public Works for award as provided by Section 153.12 of the Ohio Revised Code.

December 8, 1977 meeting, Board of Trustees

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

WENDELL D. POSTLE HALL - VENTILATION IMPROVEMENTS (contd)

Mechanical Contract (contd)

Awarded to: Morris Sheet Metal (Columbus, Ohio)
Total Contingency Allowance: \$ - 0 -
Total Project Cost: \$55,000.00
Funding: Budget Account 210134 (Contract Repair)

**MERSHON AUDITORIUM, STARLING-LOVING HALL AND RESEARCH CENTER
FIRE ALARM SYSTEM IMPROVEMENTS**

Description: Installation of fire alarm systems in Mershon Auditorium, Starling-Loving Hall and Research Center, which will expedite notification to fire departments and provide improved safety for occupants.

Electrical Contract

Date Received: November 23, 1977
No. of Bids: 4
Low Bid: \$ 47,350.00
High Bid: \$241,618.00
Estimate of Cost: \$ 60,000.00
Awarded to: Eastmoor Electric (Columbus, Ohio)
Total Contract: \$ 47,350.00
Total Contingency Allowance: \$ 3,694.00 which is 8 percent of construction costs
Total Project Cost: \$ 52,000.00
Funding: Budget Account 885043 (Campus Safety Improvements)

December 8, 1977 meeting, Board of Trustees

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

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are hereby reported.

Mr. Havens requested that action on the Central Campus Energy Control Center - Phase III, be delayed until the February meeting. Mr. Gushman asked if any Trustee objected to postponing the vote on this project. No one voiced disapproval. The vote for the Wendell D. Postle Hall - Ventilation Improvements and Mershon Auditorium, Starling-Loving Hall and Research Center, Fire Alarm System Improvements was taken.

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

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ACCESSION OF PROPERTY--1217-1225 WEST BROAD STREET

Resolution No. 78-61

Synopsis: Accession of property at 1217-1225 West Broad Street is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: Parcels 1 and 2 of L. B. Gardner's Subdivision, known as Franklin County Auditor's Parcel Number 42681, more commonly known as 1217-1225 West Broad Street, Columbus, Franklin County, Ohio; and

WHEREAS the property shall be donated as a gift to the University through the Development Fund, subject to the condition that if said property is sold within a two-year period after acceptance, the selling price shall not be less than 75 percent of the present appraised value; and

WHEREAS as a further condition the proceeds from any use and/or subsequent sale of the gift property shall be earmarked for the John W. Galbreath Chair in Real Estate; and

WHEREAS it has been determined that accepting said gift to further the development of the John W. Galbreath Chair in Real Estate is in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That said property be accepted as a gift to the University through the Development Fund, from Helen G. Feibel and Joan M. Wears by their conveyance by General Warranty Deed to the Board of Trustees of The Ohio State University; and

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ACCESSION OF PROPERTY--1217-1225 WEST BROAD STREET (contd)

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 Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ACCESSION OF PROPERTY--18.685 ACRES ON SHIER-RINGS ROAD
20.988 ACRES ON EITERMAN ROAD**

Resolution No. 78-62

Synopsis: Accession of 18.685 acres on Shier-Rings Road and 20.988 acres on Eiterman Road is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: 18.685 acres located at the corner of Wilcox Road and Shier-Rings Road and 20.988 acres located on the south side of Route 33, on Eiterman Road;

WHEREAS an inter-vivos trust was created October 8, 1967 by Carol S. Kennedy, naming The Ohio State University as beneficiary of property held by the trust; and

WHEREAS the property shall be donated as a gift to the University through the Development Fund, subject to the condition that in the event good and marketable title is not evidenced, the University may request as an alternative that the Trust Estate dispose of the property and disburse the balance of the proceeds to the University; and

WHEREAS said property shall be held for long-term gain, to be utilized for general purposes:

NOW THEREFORE

BE IT RESOLVED, That the property be accepted as a gift to the University through the Development Fund, from the Trustee of the Estate of Carol S. Kennedy, First Trust Company, through their 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 said property in the name of the Board of Trustees of The Ohio State University, or as an alternative be authorized to instruct the Trust to dispose of the property on behalf of the University and disburse the balance of the proceeds to the University.

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

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December 8, 1977 meeting, Board of Trustees

PURCHASE OF PROPERTY--333 WEST NINTH AVENUE

Resolution No. 78-63

Synopsis: Purchase of property located at 333 West Ninth Avenue, Columbus, Ohio, is proposed.

WHEREAS it is in the public interest and necessary to provide additional parking facilities for University students, faculty, personnel and public visitors; and

WHEREAS the property owned by Paul D. and Ruth Ritter, and known as 333 West Ninth Avenue, Columbus, Ohio, is necessary to the proper development of said off-street parking facilities; and

WHEREAS the Board of Trustees had been unable to agree with the owners of said property, and it was therefore necessary to appropriate fee simple interest in said property pursuant to the laws of the State of Ohio, such action being authorized by the Board of Trustees on December 15, 1976; and

WHEREAS pursuant to said action, a Jury Verdict was delivered in November, 1977, setting a value of \$65,500 on the property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase the said property, title to be taken in the name of the State of Ohio for the use of The Ohio State University from Paul D. and Ruth Ritter, for the sum of Sixty-Five Thousand Five Hundred Dollars (\$65,500.00).

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

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WARNER CABLE - BROADCASTING CONTRACT

Resolution No. 78-64

Synopsis: Approval for an agreement to televise basketball and other athletic events through Warner Cable of Columbus, Inc., is proposed.

WHEREAS bids were solicited for a contract to televise certain athletic events at The Ohio State University for 1977-78 in accordance with specifications developed by the Director of Athletics, Department of Purchasing, and legal counsel; and

December 8, 1977 meeting, Board of Trustees

WARNER CABLE - BROADCASTING CONTRACT (contd)

WHEREAS bids were opened on November 17, 1977, in which Warner Cable of Columbus, Inc., proposed to carry a total of 20 athletic events on their QUBE program with 10 of the 20 events to consist of male varsity basketball and the other 10 events to cover non-revenue sports such as female basketball, baseball, and other athletic events to be determined; and

WHEREAS for this exclusive broadcasting right Warner Cable proposed to pay the University 40 percent of its gross receipts related to the broadcasting of these events and further that a guarantee of \$4,000 minimum for the 20 events be paid to the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to enter into an agreement with Warner Cable of Columbus, Inc.

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

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS

Resolution No. 78-65

Synopsis: Periodic review of academic administrators is proposed.

WHEREAS it is now generally accepted in higher education that limited term appointments in academic administration are demonstrably superior to indefinite appointments; and

WHEREAS such appointments require regularized reviews at periodic intervals; and

WHEREAS such regularized reviews are advantageous to both the individual and the University:

NOW THEREFORE

BE IT RESOLVED, That

- a) the President institute procedures for the periodic review of all members of the President's staff with subsequent reports on each evaluation to the Personnel Committee of the Board;
- b) the Administration require periodic reviews of all academic administrators and bring to the Board those rule changes required to give full force and effect to this policy; and

December 8, 1977 meeting, Board of Trustees

REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

BE IT FURTHER RESOLVED, That only in rare and exceptional circumstances will term appointments in academic administration be extended beyond two consecutive terms.

President Enarson:

Chairman and members of the Board, the next item on your agenda is entitled 'Review of Appointments for Academic Administrators,' and I would say that this is one of the more important policy recommendations that I have ever had the privilege to bring to the Board. It is a matter that I think is vital in terms of the long-term interests of this University and I think it is entirely appropriate that it be discussed at whatever length the members of the Board desire. I would like to provide a bit of background, sketch what it is we propose, and then with your permission ask Dr. Kuhn, with whom I have worked very closely on this matter, to amplify my comments to set the stage for questions. For some time we have had a regular, periodic review of academic departmental chairmen; specifically, it is required that there be a term appointment for four years, renewable at the end of the four-year period, at which time would be review in depth of performance. I think, I am not exactly sure when, we moved this policy into the dean's level, but it was very soon after I came here five years ago. Roughly two-thirds of the deans now serving have been recruited in the past five and a quarter years since I came, and we have entered into an understanding, formalized by the terms of the offer of appointment, that the individual is appointed for a fixed term and indeed at the end of that term both the University and the individual are mandated in a sense to take a look at whether in the interest of the University and in the interest of the individual it is advantageous to continue for another term.

I think we feel, I know we feel, that this has been a helpful policy. It permits the individual to decide whether, all things considered, another term fits into his or her career objectives. It saves both the individual and the institution from the great temptation of drift. So what we are bringing to the Board here in a rather brief recommendation is a rather basic policy statement and direction. The resolution that you have before you, if I may, reads as follows: 'That the President institute procedures for the periodic review of all members of the President's Staff,' that is to say, all vice presidents including my immediate staff assistants, 'with subsequent reports on each evaluation to the Personnel Committee of the Board.' I should say parenthetically that this fits in with the objectives that Mr. Gushman, as Chairman, and as Chairman of the Personnel Committee and with whom I have discussed it. It is to the great advantage of the Board and it is most certainly to the advantage of me as your chief executive officer to review on a regular systematic basis the performance of the President's top associates.

The second part of the resolution resolves that the Administration require periodic reviews of all academic administrators and bring to the Board those rule changes required to give full force and effect to this policy. Reading on: 'BE IT FURTHER RESOLVED, That only in rare and exceptional circumstances will

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

President Enarson (contd)

term appointments in academic administration be extended beyond two consecutive terms.' Now if the Board chooses to act today, it will be necessary for us to come back with some fairly specific detailed rule changes in a number of different policies scattered throughout the Rules and Regulations of the Board. It is sometimes concluded that the periodic term is in some ways a guarantee of employment: it is not. A policy such as we are proposing today in no way dilutes the responsibility of all administrators at every level to review at all times the performance of line officers and staff officers of the University.

Mr. Gushman: This is not a four-year contractual commitment.

President Enarson: Exactly.

Mr. Gushman: OK, that has been one of my questions.

President Enarson:

It dilutes in no way that authority and that responsibility. We are responsible not only for annual review with respect to salary, we are responsible for reviewing and monitoring performance at all times. The narrow issue is whether an appointment will be for a fixed term or for an indefinite term and I have read all I can in the literature on this score. I have talked with a number of colleagues. I think I can say flatly that what we propose is consistent with the direction of thinking within the academic fraternity these days. Now before you raise the question of how you define 'academic administrators,' let me say that we are going to have to go on a case by case basis so to speak. Let me illustrate very simply, if one is in--I hesitate to single out an area but let us assume that one is in--is in--I am trying to pick one that is--

Dr. Sirak: The garage?

President Enarson: No, assuming that one is in one of the very fast moving areas--

Dr. Sirak: Aviation?

President Enarson:

I was thinking of Poultry Management, actually. But seriously, there are a number of areas within the University where if one is out of his or her field for a four-year period, it is very difficult to move back in because of the state of the knowledge, the state of the art, the constant flow of new information, etc. It is in these academic areas where we want the individual to face up to career questions, whether he or she wants to continue, and where we want ourselves as administrators to face up to the question of whether it is in the interest of the institution for the

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

President Enarson (contd)

person to have another tour of duty. On the other hand, if you have somebody who is performing skillfully as head of the Motor Pool, as head of the Student Health Service, as let us say assistant dean of a college with responsibilities which are largely if not entirely devoted, let us say, to student advising, record-keeping, etc. or if one is thinking of the Director of Financial Aid position: these are in essence careerist jobs and it would be folly for us to be arbitrary and say there is no reason why you should stay beyond eight years as Director of Financial Aid. Were we to establish such a policy it just would make no sense, so we are not able to give you now and we never will be able to give you a nice clean, clear dividing line definition of academic administrators, but the spirit of this resolution goes to that point. I have perhaps said more than I should.

Mr. Gushman:

I think I should say that this subject was originally scheduled for a meeting of the Educational Affairs Committee this morning. The time ran out with the other meetings we had, so we did not have a meeting of the Educational Affairs Committee. This is a *de no vo* subject being brought to this Board and we will see how the discussion goes and decide later after the discussion the question as to whether we vote today. So now is the time to get thoughts out on the table. Are you ready for that?

Dr. Kuhn:

Well, I think, I would simply reaffirm two or three things that the President has said. As we go to the American Council of Education meetings, as we go to the Land-Grant meetings, in short as we attend the meetings of the institutions that are comparable to us in size and programs, the issue of a periodic and regularized review of all academic administrators seems to be a kind of national policy. It is good for the individual and it is good for the institution. Now as the President said, we have had by University rules such a regularized process for department chairmen; however, we have not had a limitation upon terms and one of the proposals in this policy is that except in rare and exceptional instances such terms be limited to two consecutive terms. Our appointment for chairmen have been four years per term. Our appointment for deans, as we have informally practiced that policy, has been for five years. One of the differences--

Mr. Gushman: Have you had a limit on that?

Dr. Kuhn: No, we have not.

Mr. Gushman: Two terms or four terms?

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Dr. Kuhn:

No, we have not, that is one of the features of this. One of the features of this policy is that it would formalize the review process for deans as well as the department chairmen. It would also put a limit upon the term served. We put the term of five years upon the deans simply because that involves an extended nationwide search, it is expensive, and one does not want to be searching for deans all of the time. We felt that five years was a good period for the dean in comparison to the department chairmen. As I say, the other part of this policy which we are proposing is that there be some regularized kind of review process for all academic administrators.

Dr. Sirak: Irrespective of level?

Dr. Kuhn: Irrespective of level.

Dr. Sirak: Will you spell out the extent of how far down this reaches?

Dr. Kuhn:

Well, we will have to because an assistant dean serving in one college is not the same as an assistant dean serving in another college. The College of Law, for example, is a very small college and an assistant dean may serve a function there that is not characteristic of an assistant dean in the College of Mathematics and Physical Sciences; so simply to generalize about how assistant deans shall be reviewed is itself a difficult matter.

Dr. Sirak:

Will you also spell out the actual titles or whatever that this will extend down to.

Dr. Kuhn:

Precisely, indeed, you are asking the question, who are the academic administrators? These will need to be specified.

Mr. Gushman: And each one will know he is so designated.

Dr. Kuhn: Yes, yes.

Dr. Sirak:

In other words, this probably will come in ultimately in the form of a statement in the contract that he signs each year that indicates that he has an administrative responsibility as well as an academic one; would that not also be a possibility?

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Dr. Kuhn: Well--

Dr. Sirak: By title.

Dr. Kuhn:

It would show by title and perhaps in the faculty rules itself. For example, in our faculty rules for department chairmen there is specified a review process. If this policy is adopted, it would stipulate the same for deans of colleges. We will have to find a way to incorporate in the rules the definition of academic administrators and then, of course, that would--the person would understand at the beginning what the terms of that appointment are.

Dr. Sirak:

Yes, because I can see in certain colleges that you have assistant professors or associate professors who have and never do have any administrative responsibility.

Dr. Kuhn: Yes.

Dr. Sirak:

Whereas in others, they frequently may have it by designation of their department chairmen.

Dr. Kuhn: Precisely.

President Enarson:

I would direct the Board's attention to some language we labored over and I do not pretend for a moment that it is necessarily the final appropriate language--we say only in rare and exceptional circumstances will term appointments be extended beyond two consecutive terms. We could have said that normally they will not be extended beyond two terms that would soften it some, but rightly or wrongly, we were trying to create the presumption that by and large generally one could expect to serve two consecutive terms and that would be it.

Mr. Gushman: That is the part of it that frankly bothers me.

President Enarson: OK.

Mr. Gushman:

The periodic review is something, as you know, our Personnel Committee has been fostering. We think it is needed at the University, a little tighter discipline on--how are you doing in your job? And somebody assessing the performance from the outside. I wonder, if suppose we were recruiting and we were recruiting for a top-notch man who would fall within this definition--might he not say, 'Hey,

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Mr. Gushman (contd)

I am not going to a place where I can only have my job for eight years.' That is a relatively short time in a man's career. I am a little worried about that; I would like to hear you explore that a little more, because I would hate to see us run a top-notch administrator out because he has been here eight years.

Dr. Sirak:

Let me--may I speak to that a second. I think there are two things that bear on that: it depends upon what interval of time you assign to each term--because obviously the aggregate in years could be considerable or they could be very short depending upon what that--

President Enarson:

Mr. Gushman's point still--his suggestion--still rings in the air, that two times five is ten.

Dr. Sirak:

Well, but it does not necessarily have to be five, I mean, you have not settled on an exact number of years.

President Enarson: That is true.

Dr. Sirak: That is the point I am making.

President Enarson: That is true.

Dr. Sirak:

And that is something to be subsequently ironed out and discussed and brought back to the Board. The way I understand it is that you will want to get approved a framework in which to begin working out the details.

President Enarson:

That is right, but I am sharing with you my own ambivalence, if you will. I realize that it is bad for a President to come in expressing some hesitations on any part of a recommended resolution, but there is a distinction as you indicated a moment ago between the concept of periodic review and *de facto* you cannot have more than two terms. I think a direct answer to your question is, 'Yes to some degree we would be handicapped in recruiting, let us say, a 35-year-old professor of law for the Law school. Some individuals might conclude that if I am coming there as dean, I want to stay more than ten years as dean--that is the trap.'

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Mr. Gushman: That is what worries me.

Dr. Sirak:

Of course, the other point is that isn't the national average of individuals in deanships around ten years or fifteen years?

President Enarson: No, no, it is closer to four or five years.

Dr. Kuhn: Four or five years.

Dr. Sirak: They don't exactly look upon ten years as an eternity anyway.

Mr. Gushman: Each guy thinks he is the exception to the general rule.

Dr. Sirak:

The other thing I think--excuse me Al--that bears on this thing is the implicit suggestion--and maybe not carefully enough expressed and will be later--that individuals, although they may not be in administrative responsibilities, are not affected in their academic standing.

President Enarson:

Mr. Chairman, may I make a procedural suggestion. It is obvious that we are in a two stage process here and that the Board should not be asked to vote in the abstract on something. On the other hand, we would appreciate either your affirmation of the general principle or your rejection of it. One could drop the last 'BE IT FURTHER RESOLVED--' you could, if you agreed, support the two propositions (a) and (b)--that would, in effect, authenticate the general principle and when we came back--

Mr. Gushman: You could come back with some further--

President Enarson:

Right. Yes, because I really think we need further discussion on this point of how many terms--that is one--and secondly whether deans shall be four years or five years or six years or--

Dr. Sirak:

Well, that is going to come anyway no matter whether you pass it as it is stated now or otherwise. You have not settled on that interval of time, that is the point I was making.

December 8, 1977 meeting, Board of Trustees

REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

President Enarson: That is right.

Mr. Gushman: So we are in the realm of four or five years , that is all that has been--

Dr. Sirak: Not necessarily.

Dr. Kuhn:

Well, we have, in fact, been informally operating on the five-year principle for deans, the four-year one is built into the University rules for chairmen.

Mr. Havens: How often is the periodic review? What do you mean by that?

President Enarson:

Well, take, for example, the chairmanship. These are now on a four-year basis and that simply means that the Provost and the Dean of the college organize procedures and processes for evaluation and we are, let me say this, I am determined that we not stumble into a position where there is simply a vote. What is needed is an opportunity for the supervisor to examine fully performance, to listen to whatever individual faculty members have to say, to get student reaction, to get the reaction in some instances of people outside the University, but we want to avoid a popularity contest. Just let me amplify in about one minute because when I was President of Cleveland State University, I saw one instance in which there was a faculty vote, it went against the individual and for all the wrong reasons. A particular supervisor was not sympathetic to the notion that a person should charge twice for a hotel room, so he had one enemy. The particular supervisor had denied tenure, so he had two enemies, and there were enough votes for the wrong reasons against the man that he never recovered from it. That is what we must avoid. We are not in a popularity contest.

Mr. Havens: Are you going to make a review at the end of the fourth year or every year?

President Enarson: It is the difference in depth.

Mr. Gushman: It is not just the place of the so-called annual--at least annual--

President Enarson:

The annual review we may conclude that the person gets a three percent salary increase instead of a six percent. We may talk to him in terms of some very serious and real concerns. There may be a health or morale problem. A person can be relieved of their duties either instantly or at the end of the year. But you are talking of the degree of depth of review. The individual--again to repeat--is forced to think seriously about career--about whether--and escape the drift.

December 8, 1977 meeting, Board of Trustees

REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Mr. Gushman:

I am receptive, but I would like to hear some comments from the rest of you. I am receptive to the idea of dropping the last sentence of this resolution for the time being till we hear a little more about it. I admit my mind is tarnished by business experience, but no way in business could we recruit the top-flight man and say at the end of eight years, unless you are exceptional, you are gone--or ten years. You know, you just--

Dr. Sirak: You are not gone, you are just not going to be there.

Mr. Gushman:

Well, but you are gone from the job for which you are being recruited. You may be able to teach or something like that, but obviously you are not going to be in the administrative position.

President Enarson: I agree with you.

Mrs. James: It just seems to me as though we've got a mixed job.

Dr. Sirak: We have got two jobs, and the major job is academic.

Mr. Hilliker:

Let me ask that question. What would be a rare and exceptional circumstance--an example--other than the fact that in the eyes of the administration the fellow is doing a real good job. Would there be others--or would that be one?

President Enarson:

Very briefly, supposing we have somebody who is, by every standard, an exceptional person who somehow manages despite the burdens of administrative responsibility to continue to be active professionally in the field, doing research, etc. Supposing also that we take a hard look at the department and we conclude that there is nobody who is even interested in taking on the administrative responsibility. There is a general illusion among the faculty to the effect that people are frantic to become administrators and that is simply not true. Some of the problems that administrators deal with yield very little applause--such as who tells the tenured faculty member that you really should teach an eight o'clock class, or who tells the individual that the room you have is entirely adequate. At least it is the only one we have for you, or who tells the individual faculty member that your teaching is really not as good as it might be.

December 8, 1977 meeting, Board of Trustees

REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Mr. Hilliker:

No, my concern would be if you do put in an exception like that, in most people's eyes they may well all consider themselves to be rare and exceptional circumstances, and somebody would have to tell them they are not.

President Enarson: Jim, my concern is the reverse--

Mr. Hilliker:

That is like saying that you can be President for two terms, but under rare and exceptional circumstances, we will let you go for three. Well, I don't know.

Mr. Gushman:

Well, is there--could I get a--to get this matter at least before the Board. Would somebody be willing to move the resolution with the exception of the last sentence?

Mr. Hilliker: I will.

Mr. Havens: Second.

Mr. Gushman:

It has been moved and seconded. Now would you want to address yourself to the resolution as it has been presented. This is simply now limited pretty much to the review. I do not think there has been much dispute on that.

Mr. Havens: That does not preclude that?

Mr. Gushman:

No, you will be back later. We are not condemning this idea. We would just like to hear more about it and how it would work.

President Enarson:

As a matter of fact, it asks specifically or directs us to bring back to the Board certain specific rule changes which--and only then can you say 'yea' or 'nay.'

Mr. Gushman: Are you ready for a vote? If so, all in favor, say aye.

The Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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December 8, 1977 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY FOR
THE FISCAL YEAR JULY 1, 1975 THROUGH JUNE 30, 1976**

Resolution No. 78-66

Synopsis: Report of State Auditor for The Ohio State University for fiscal year July 1, 1975 through June 30, 1976, 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 annual report of the Auditor of State for The Ohio State University for the period July 1, 1975 through June 30, 1976, 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 essentially satisfactory condition but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and steps have been taken to correct the minor problems that were found:

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.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-67

RESOLVED, That the report on the University's Investment Portfolio, dated November 30, 1977, 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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ENERGY UPDATE PRESENTATION

Thomas B. Smith

Our energy availability forecast for the current year is improved from last year.

We have made substantial efforts to improve our flexibility and lessen our dependency upon natural gas in many of our outlying boiler plants. We have provided alternate fuel capability for 27 satellite boiler plants. We can now use either fuel oil or natural gas, substantially reducing our dependency on a single fuel.

December 8, 1977 meeting, Board of Trustees

ENERGY UPDATE PRESENTATION (contd)

Thomas B. Smith (contd)

To improve our total fuel-oil storage capability, in addition to the new tanks installed on campus we have leased an additional 300,000 gallons of oil storage. This will provide an additional two weeks supply of fuel oil in the most severe winter weather. Over the past year, our total fuel oil storage capacity has been increased 60 percent.

While natural gas supplies appear to be improved for the coming winter, we are still primarily dependent upon fuel oil for McCracken Power Plant during the winter season.

On an economic basis, we expect continuing cost increases in available natural gas until it is equal to, or above the price of fuel oil. During 1976-1977 natural gas prices increased 24 percent. So far this year, natural gas is up an additional 10 percent (18.9 cents), chiefly because of emergency gas purchases by Columbia Gas of Ohio.

Since 1972-73, natural gas prices have increased 235 percent.

There is a considerable concern as to the effects of a lengthy national coal strike on availability of electrical energy. This could cause severe electrical curtailments. We have substantial generating capacity at our McCracken Power Plant and could provide at least one-half of our normal winter electrical load from our own generators, if oil and/or gas are available. However, this is costly, as 5 cents/kilowatt hour is our approximate cost using fuel oil versus 2 cents/kilowatt hour from the utility company. In an emergency, with greatly reduced services to all buildings, we could prevent severe damage, by providing all of our central campus, midwest, and west campus with approximately 50 percent of their normal electrical power. This would, of course, require drastic reductions in ventilation, lighting, and other electrical systems and would require most of our programs to be placed on an emergency reduction status.

Our greatest concern would be a concurrent crisis of more than one energy source. For example, if we were to suffer a fuel oil crisis at the same time we are undergoing an electrical crisis, results could be catastrophic. This may lead to the long-term need to have coal burning capability and storage to serve the campus. We are undertaking a study on coal use.

Electrical prices have been relatively stable over the past year, increasing only 5 percent from a year ago. Our total electrical cost increase from 1972-1973 is 89 percent. This is the results of our present electrical contract, which must be renegotiated in May of 1979.

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ENERGY UPDATE PRESENTATION (contd)

Thomas B. Smith (contd)

We continue to give top priority to our energy conservation and energy management programs. We have now completed energy conservation modifications on some 24 major campus buildings with modifications currently underway on eight more buildings. These modifications have provided for permanent energy reductions in these buildings varying from 20 percent to over 50 percent.

We are continuing to expand our central campus energy control center which now continuously monitors, controls, and alarms systems in sixteen of our major campus buildings with twenty more scheduled this biennium. Twelve other buildings are on existing automatic control systems. Currently these buildings total 30 percent of our academic and administrative areas. Phase III would complete another 30 percent to a total of 60 percent. This system proved extremely effective during the energy crisis last winter wherein we could precisely control starting and stopping of equipment, control outdoor air quantities, and monitor conditions within the buildings.

We have made substantial progress in our utility management program. We have established energy consumption profiles at varying outdoor weather conditions and at various operating conditions so we can closely predict our energy requirements and determine the most efficient use of our energy resources, which fuel to use; when to use our local generating equipment; and when to make reductions in our loads to live within the energy resources available.

Our energy conservation program has had a substantial educational benefit as we have continually included three to five undergraduate and graduate engineering students as part of our energy conservation team. In practically all cases graduates trained in this program have obtained positions directly in the energy conservation field or with consulting engineering firms and manufacturers engaged in this field.

Results of our total energy management program for 1973 to July 1, 1977:

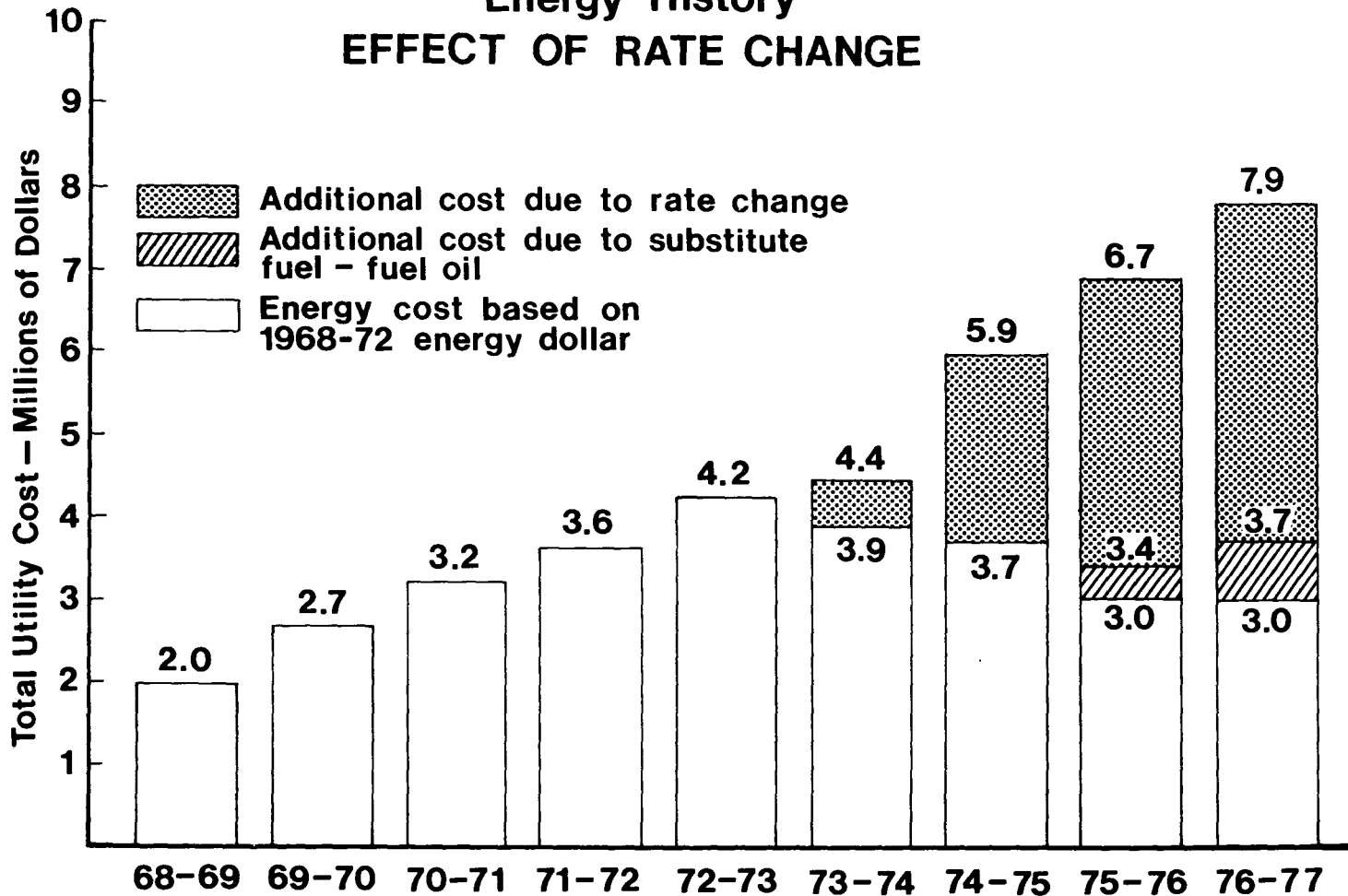
Fuel Consumption Reduced	45.0%
Electrical Consumption Reduced	14.8%

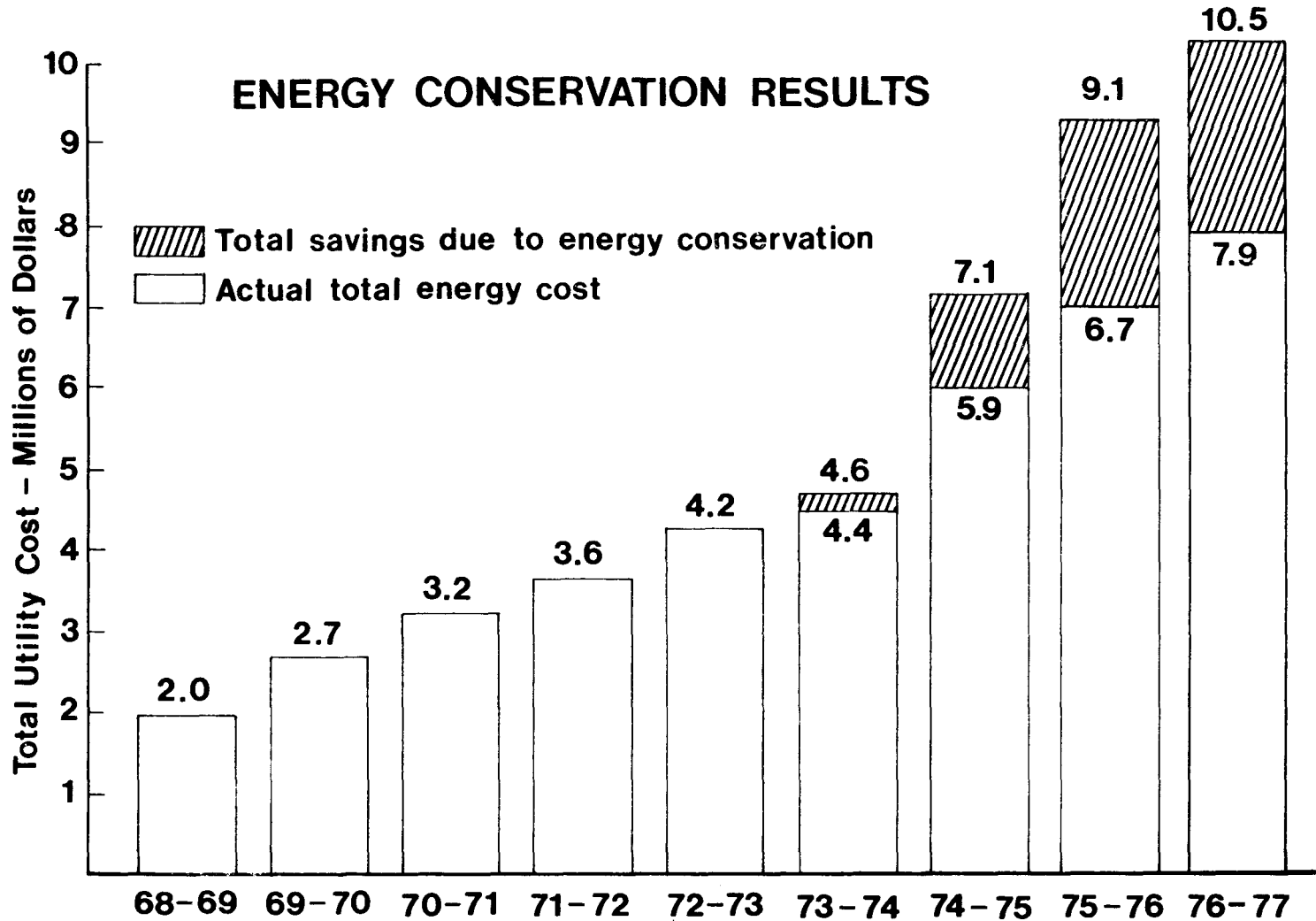
Energy use/square foot of building has been reduced 33 percent since 1972-1973.

To further document the results of changes in the cost of energy and results of energy conservation programs we have prepared two bar charts. If you will look first at the 'Effect of Rate Change' you can see that if the unit cost of energy from '73 through '77 had remained the same as it was in the preceding five years, the energy bills for the University would have declined from 4.2 million dollars to 3 million dollars. Actually, due to rate increases and substitute fuels, the bills increased from 4.2 million dollars to 7.9 million dollars.

Energy History

EFFECT OF RATE CHANGE





December 8, 1977 meeting, Board of Trustees

ENERGY UPDATE PRESENTATION (contd)

Thomas B. Smith (contd)

'Energy Conservation Results' are shown on the second bar chart. If energy conservation measures had not been taken, at unit costs actually in effect, last year's energy bill would have been 10.5 million dollars compared to actual 7.9 million dollars.

Even with the previously described programs, which provide building modifications for less energy use, and monitoring of actual conditions for more efficient use . . . Each individual should be aware that his own contribution, though small, added to other individual contributions, may have major effects. A state of mind leading to changing energy use/habit patterns such as 'keep the thermostat set to achieve 68° in occupied spaces,' 'wear clothes so that you can be comfortable in a lower ambient temperature,' and 'wear clothes so that outer clothing can be removed if interior areas of buildings are warmer than desired' can result in savings.

Individual awareness and belief that energy conservation is necessary can lead to major savings in dollars and units of energy.

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MEDICAL PRACTICE PLAN Statement by Harold L. Enarson

You will recall that at this Board's September meeting I announced the appointment of an administrative working group to develop a draft Practice Plan. This draft was to be used as the basis for consultation with the faculty of the College of Medicine, and was to be completed by January 1, 1978.

The work of this group appears to be on schedule. Because this Board will not meet during January we will not have the opportunity to brief you on the specifics of our draft before beginning the consultative process with the medical faculty. We will, however, bring you up-to-date on this matter at our February meeting.

Two very important points should be reiterated here, and every other time this matter comes up. First, we remain fully committed to the development and implementation of a Practice Plan for the College of Medicine. The contributions of the medical faculty--both financially and in terms of service--have been commendable. But the need for equity in the treatment of all faculty, for better public accountability, and for the balanced development of the whole medical college necessitates the implementation of a fair and consistent policy with respect to income from professional services.

Second, the draft Practice Plan which will be placed on the table for discussion next month is just that--a draft Practice Plan. It is not an administrative or Board of Trustees fiat. It will not, in any way, be the last word on the subject. It is an attempt to move our consultation with the medical faculty toward a constructive resolution.

December 8, 1977 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

President Enarson's statement (contd)

We have carefully studied policies from other institutions in this regard. One fact comes through loud and clear: There are no simple answers to the problems involved. We badly need the advice and the assistance of the medical faculty if we are to develop workable policies. It is that advice and assistance we will once again begin to seek next month.

Again, we will be briefing you on our progress in this matter in February.

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HEALTH, EDUCATION, AND WELFARE - AFFIRMATIVE ACTION AGREEMENT Statement by Harold L. Enarson

As many of you are aware, staff from the Department of Health, Education and Welfare visited campus during this past month to review our compliance with federal affirmative action requirements. This visit was in connection with a pre-award audit, wherein H.E.W. was under a 30-day time limit to review the University's affirmative action program and rule as to whether we were eligible to receive a major contract for our Center for Vocational Education.

I am pleased to report that last Wednesday night, after discussions at the H.E.W. regional office in Chicago, our eligibility for federal funding was affirmatively certified.

We are generally satisfied with the terms of the conciliation agreement which was generated from those discussions. We were also pleased that H.E.W. included in the formal document a general commendation to O.S.U. for some of our good-faith affirmative action efforts.

If the agreement could be characterized in a sentence, we have agreed to undertake extensive self-study, but our basic control over the decisions that must be ours alone remains intact.

Some of the key provisions in the agreement deal with the following:

(1) Utilization Analysis.

We have agreed to report our employment data for analysis on a format prescribed by H.E.W. This task has already been largely completed.

We will also study the availability of qualified women and minorities for positions in the University, and will set goals and timetables for their future hiring--insofar as qualified persons are available and we have vacancies in our work force. It

December 8, 1977 meeting, Board of Trustees

HEALTH, EDUCATION, AND WELFARE - AFFIRMATIVE ACTION AGREEMENT (contd)

President Enarson's Statement (contd)

should be remembered that 'goals' are not 'quotas,' and that the failure to meet goals in the future does not necessarily mean noncompliance with federal requirements.

We did this analysis and goal-setting exercise a few years back for our internal use, so this new work will entail an updating and in some cases an improvement of those earlier reports.

I might add too that this is required of all federal contractors by the regulations.

(2) Salary Analysis.

The Commission on Women and Minorities had directed a study by Professor Shapiro of the College of Administrative Science to examine whether disparities existed between the salaries of faculty men and women. This pilot study considered only those factors that could be quantified--i.e., highest degree earned, years of experience, etc. It concluded that further study was needed.

We will now expand upon that study to include all faculty and staff, and also to compare salaries with respect to minorities and non-minorities. If the results of that first tier analysis seem to identify a problem, then we will conduct a second level analysis in which non-quantifiable factors--publications, evaluation of teaching, research, etc.--will be considered. If in our final analysis we discover that salary discrepancies exist that can only be accounted for on the basis of race or sex we will make such salary adjustments as may be required to correct the problem. We will also make some one-time salary adjustments to rectify salary inequities, if any, that have existed during the past year.

(3) Personnel Turnover and Other Related Problems.

Our own annual affirmative action reports have identified problems with respect to the turnover of minority staff members, especially in some administrative service areas. We will be expanding our exit interview procedures in an attempt to further examine the causes of this problem.

In those areas where we have determined that qualified women and minorities are under-utilized, we will also keep count of the number of women and minorities who apply for employment in an effort to determine whether our employment advertisements and job information are reaching these groups.

Finally, we will be reviewing the criteria used in making employment decisions regarding non-instructional staff in order to determine whether these improperly discriminate against women and minorities or improperly cause their concentration in certain areas. We will, of course, then correct any deficiencies we find in this regard.

December 8, 1977 meeting, Board of Trustees

HEALTH, EDUCATION, AND WELFARE - AFFIRMATIVE ACTION AGREEMENT
(contd)

President Enarson's Statement (contd)

Again, we know that all this will require a substantial amount of staff work on our part--even though a great number of these tasks were already begun or had already been identified by us as problems to be addressed.

The final and by far the most important point to be made about this matter is that what we are doing is not only intended to reach compliance with federal regulations--some of which are most certainly unnecessary and unproductive. We are doing what is right, because it is right.

We should be moving affirmatively to improve opportunities for women, for minorities, for the handicapped. We should be making every effort to remove artificial barriers to employment opportunities, career advancement, educational programs. And we should ensure that equal performance receives equal compensation.

We are pleased, again, that our good-faith affirmative action efforts in the past have been recognized. And with the help of a great many people on campus, we will continue to improve those efforts.

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PRESIDENT ENARSON'S RETIREMENT BENEFITS

Resolution No. 78-68

Synopsis: Purchase of retirement benefits for President Enarson is proposed.

John L. Gushman made the following statement:

The Personnel Committee has met and reviewed the President's performance for this past year as well as his staff's performance. It is this Committee's conclusion that Harold Enarson has done a commendable job as President in a difficult and demanding period for this University; further, that his associates have provided effective support and assistance to the President in the conduct of the University's business.

Earlier this year the Committee recommended that the President's contract be renewed through August 31, 1978, with no salary increase, since the President's salary is presently at the limit provided in the existing State law and has been for the past two years. Incidentally, with this limitation the President's income, because of inflation, is effectively being reduced approximately \$3,000 each year. Further, he is presently the lowest paid President in the Big Ten. We sincerely hope that this circumstance has an early resolution for it will certainly limit this Board's

December 8, 1977 meeting, Board of Trustees

PRESIDENT ENARSON'S RETIREMENT BENEFITS (contd)

Mr. Gushman's Statement (contd)

ability to sustain effective leadership, to say nothing of the eventual need to attract new leadership to this University, not only at the presidential level, but also at the other top administrative levels, because of compression of these salaries due to the present ceiling on the President's salary.

In order to assure President Enarson's availability to the University beyond the current contract year, we are recommending a modification in the contractual arrangement to enhance the President's retirement program. To do this, we propose the cancellation as of the end of 1977 of his existing employment contract, the issuance of a new contract effective January 1, 1978, and expiring June 30, 1979, and the purchase of certain retirement credits. To this end I offer the following resolution on behalf of the Personnel Committee.

WHEREAS under State law provision is made for supplementing a person's retirement benefits by the purchase of prior years of teaching service at State universities other than in the State of Ohio; and

WHEREAS President Enarson qualifies under this law for the purchase of approximately five years of such credit; and

WHEREAS this Board of Trustees wishes to assure the University of President Enarson's services beyond the usual contract year:

NOW THEREFORE

BE IT RESOLVED, That:

- (1) the existing employment contract between The Ohio State University and President Enarson be cancelled effective the end of 1977;
- (2) a new employment contract for the term January 1, 1978 through June 30, 1979, be issued to him at his present salary of \$55,000 per annum subject to upward adjustments when permitted by law;
- (3) prior to February 1, 1978, one year of prior service credit be purchased;
- (4) after July 1, 1978, but prior to August 1, 1978, an additional year of such prior service credit be purchased; and

December 8, 1977 meeting, Board of Trustees

PRESIDENT ENARSON'S RETIREMENT BENEFITS (contd)

- (5) the purchase of the service credits be made from unrestricted moneys received by the University pursuant to Section 3345.16 R.C.

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

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Thereupon the Board adjourned to meet Friday, February 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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

Columbus, Ohio, February 3, 1978

The Board of Trustees met at its regular monthly meeting on Friday, February 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Howard D. Sirak, Patricia D. James, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

February 3, 1978 meeting, Board of Trustees

The Chairman, Mr. Gushman, called the meeting of the Board of Trustees to order at 9:00 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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

RESOLUTIONS IN MEMORIAM

Resolution No. 78-69

Synopsis: Resolutions honoring the service of five of this University's faculty members who have recently died.

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. Harrod, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Lyle Harris Barnes

The Board of Trustees of The Ohio State University expresses sorrow upon the death on December 25, 1977 of Lyle H. Barnes, Professor Emeritus, Department of Agricultural Economics and Rural Sociology.

Professor Barnes was born December 31, 1896, near Morrow, Indiana. He graduated from Kawanna, Indiana, High School in 1914, attended Valpauso Business College and graduated from Purdue University with a Bachelor of Science in Agriculture degree in 1920. He served with the United States Navy during World War I.

Professor Barnes farmed with his father in Gladwin County, Michigan, for one year prior to serving as a county agent in Scott and Lake Counties, Indiana, from 1920 to 1924. On August 15, 1924, he was appointed County Agricultural Extension Agent for Lake County, Ohio, and transferred to Medina County in 1926 and served until 1928.

From 1928, when he joined the Department of Agricultural Economics and Rural Sociology, until retirement December 31, 1961, Professor Barnes was Mr. Farm Management of the Cooperative Extension Service. In his service as a Farm Management Specialist he was a respected agricultural leader by his county agent constituents and by his peers in extension education. Professor Barnes was dedicated to his family, community, profession and church. He will be remembered for outstanding contribution in representing The Ohio State University to the people of Ohio.

February 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Lyle Harris Barnes (contd)

On behalf of The Ohio State University community, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and a copy be tendered to his family as a sincere expression of the Board's realization of the loss to family, the University and to his many friends.

Earl P. Guth

The Board of Trustees of The Ohio State University expresses sorrow upon the death on December 19, 1977, of Earl P. Guth, Professor Emeritus in the College of Pharmacy.

Professor Guth received his Bachelor of Science and Doctor of Philosophy degrees from the University of Washington in 1930 and 1937, respectively.

Before joining the faculty of The Ohio State University, Professor Guth served as Instructor in Pharmacy at Duquesne University from 1937 to 1940. He was a nationally known authority in the field of pharmacy. His fields of expertise were in practical pharmacy and pharmaceutical formulation and manufacturing. He was the author of more than 50 research papers in his field and more than 35 students earned their Master of Science and Doctor of Philosophy degrees under his supervision.

Active in professional societies, Professor Guth was a member of the American Pharmaceutical Association, the American Association for the Advancement of Science, Sigma Xi, the American Association of Colleges of Pharmacy, Rho Chi Pharmacy Honor Society and Kappa Psi Pharmaceutical fraternity. He was a licensed pharmacist in the states of Ohio and Washington and a member of the Torch Club.

Through his innovative teaching, his personal and professional integrity and his example, Professor Guth gained the respect and admiration of more than 30 graduating classes. The professional and personal discipline and integrity that he taught and exhibited continued into the professional and personal lives of his students long after their graduation.

On behalf of the University, the Board of Trustees expresses to the faculty 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.

Hulda Horst Protsman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 22, 1977, of Hulda Horst Protsman, Associate Professor Emeritus, Cooperative Extension Service.

February 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Hulda Horst Protsman (contd)

Mrs. Protsman was born June 30, 1892, in Columbus, Ohio. She attended North High School from which she graduated in 1911. A Bachelor of Science degree in Home Economics was received from The Ohio State University in 1915. Graduate education was completed at Columbia University with a Master of Arts degree awarded in 1928.

Mrs. Protsman joined the faculty of The Ohio State University as an Instructor in Home Economics in July, 1915. She served in this capacity until 1917 when she became an Assistant State Club Leader, from which position she retired on June 30, 1947.

Mrs. Protsman was a dedicated and highly respected youth leader by both Ohio Cooperative Extension Service faculty and local leaders throughout the state. Mrs. Protsman was highly people-oriented and served with both enthusiasm and distinction. She will long be remembered for her early and outstanding contributions to educational programs conducted by The Ohio State University through the Cooperative Extension Service.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Protsman 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 her family as sincere appreciation of the Board's realization of the loss to the family, University, and her many friends and associates.

Eve Elizabeth Turnbull

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 31, 1977, of Eve Elizabeth Turnbull, Associate Professor Emeritus in the Department of Textiles and Clothing, School of Home Economics.

Miss Turnbull was born August, 1892, in Chicago, Illinois. She received the B.S. degree in 1919 and the M.A. degree in 1924 both from the University of Chicago. She continued advanced study at the University of Chicago in Family Economics.

Miss Turnbull was a teacher of home economics at Chandler Normal School, Lexington, Kentucky, from 1913-1917, Drake University from 1919-1922, Western Illinois State Teachers College from 1923-1924, and the University of Arizona from 1924-1926.

Miss Turnbull came to The Ohio State University as an Assistant Professor in 1926, and attained the rank of Associate Professor in 1955. She retired October 1, 1959 and was granted the title Associate Professor Emeritus. She was a member of two honoraries-Phi Upsilon Omicron and Kappa Delta Pi. Evidence of the affection and respect for Miss Turnbull is shown by the former students, staff and colleagues who have kept in touch with her and she with them over a period of many years.

February 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Eve Elizabeth Turnbull (contd)

Miss Turnbull initiated the laboratory research program jointly sponsored by the Ohio Cleaners and Dyers and the School of Home Economics. Her concern for functional aspects of textiles stimulated site visits to textile mills and experiences in weaving. She contributed to School committees and was an alternate to Faculty Council.

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.

Lois Lampe Zimmerman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 6, 1978, of Lois Lampe Zimmerman, Assistant Professor Emeritus in the Department of Botany, College of Biological Sciences.

Dr. Lampe Zimmerman was born in Fayette County, Ohio, on March 29, 1896. Upon graduation from high school in Washington Court House, Ohio, in 1915 as first honor student, she entered The Ohio State University. She received both the Bachelor of Science in Home Economics and the Bachelor of Arts degrees in 1919 and the Master of Science and Doctor of Philosophy degrees in 1922 and 1927, respectively.

During this period, Dr. Lampe Zimmerman served as a Graduate Assistant in General Botany and Microchemistry at Ohio State, and held an appointment as a Research Assistant at Carnegie Institute during the Summer of 1922. During the Summers of 1924-1926, she held Research Fellowships at the Boyce Thompson Institute. Following receipt of the Doctor of Philosophy degree she held a postdoctorate at Puget Sound Biological Station during the Summer of 1927.

Dr. Lampe Zimmerman was appointed an Instructor in 1926 at Ohio State, promoted to Assistant Professor in 1940, and served in that capacity until her retirement in 1966. During the period 1931 to 1936, she served five quarters as a Visiting Faculty Member in Plant Cytology at Cornell University.

Dr. Lampe Zimmerman was devoted to her students who often praised her for her thoroughness, creative insights, and her ability to interrelate subject matter. She authored several scientific papers in microchemistry and paleobotany, and provided numerous scientific illustrations for books and other publications for her colleagues.

She was a Fellow of the American Association for the Advancement of Science and a Fellow of the Ohio Academy of Science. Her other professional society memberships included the American Institute of Biological Sciences, Botanical Society of America, Genetics Society of America, American Genetics Association, and the Nature Conservancy.

February 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Lois Lampe Zimmerman (contd)

She was a member of Phi Upsilon Omicron; Sigma Delta Epsilon serving as President of the Theta Chapter in 1930 and National President in 1940; Faculty Women's Club; National Society of Arts and Letters serving as National Historian in 1962 and 1964; and Sigma Xi. She was listed in *American Men of Science*, *Who's Who in the Midwest*, *Who's Who of American Women*, *Who's Who in Education*, and *Leaders in American Science*.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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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NAMING OF BUILDING

Resolution No. 78-70

Synopsis: Naming of Garage and Laundry 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 Article VIII, Section 7, of the *Bylaws of the Board of Trustees*; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Garage and Laundry Building located at 2043-2061 Millikin Road, be named Public Safety Building:

NOW THEREFORE

BE IT RESOLVED, That the above described building be named in accordance with the President's recommendation.

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

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ESTABLISHMENT OF THE ERVIN G. BAILEY CHAIR IN ENERGY CONVERSION

Resolution No. 78-71

Synopsis: Establishment of an "Endowed Chair" in the College of Engineering is being proposed.

February 3, 1978 meeting, Board of Trustees

ESTABLISHMENT OF THE ERVIN G. BAILEY CHAIR IN ENERGY CONVERSION

(contd)

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

WHEREAS a gift to The Ohio State University Development Fund through a bequest from a distinguished alumnus, Ervin G. Bailey, Mechanical Engineering, 1903, and Honorary Doctor of Science, 1941, formerly of Easton, Pennsylvania, has been received for the establishment of "The Ervin G. Bailey Chair in Energy Conversion"; and

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

WHEREAS the annual income is to be used to provide salary and program support for the work of a distinguished teacher, researcher and engineer in the field of energy conversion with emphasis on coal as an energy source; and

WHEREAS appointment to the Bailey Chair will be recommended by the Dean of the College of Engineering to the President and approved by 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 administrative official of the University who is then directly responsible for engineering education:

NOW THEREFORE

BE IT RESOLVED, That "The Ervin G. Bailey Chair in Energy Conversion" be established in accordance with the wishes of the donor.

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

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ALTERNATE HOLIDAY FOR PRESIDENTS' DAY

Resolution No. 78-72

Synopsis: Alternate holiday for Presidents' Day 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

February 3, 1978 meeting, Board of Trustees

ALTERNATE HOLIDAY FOR PRESIDENTS' DAY (contd)

WHEREAS the Calendar Committee of the University Senate has recommended that in future academic years the holiday normally observed on the third Monday in February be observed on an alternate date in order to provide an additional instructional day during the Winter Quarter of each year; and

WHEREAS the Vice President for Personnel Services, with the concurrence of the President's Staff, has recommended that University offices remain open on the third Monday in February to conform with the proposed academic calendar:

NOW THEREFORE

BE IT RESOLVED, That the day before Christmas of each year be designated for the observance of the Presidents' Day holiday, this change in schedule to take effect in the 1978-79 academic year and to continue thereafter unless further amended.

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

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DEGREES AND CERTIFICATES--WINTER QUARTER COMMENCEMENT

Resolution No. 78-73

Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees of The Ohio State University*, 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 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 16, 1978, 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 awarded degrees and certificates be included in the minutes of this meeting.

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

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February 3, 1978 meeting, Board of Trustees

ESTABLISHMENT OF ERNST & ERNST PROFESSORSHIP IN ACCOUNTING

Resolution No. 78-74

Synopsis: Establishment of the Ernst & Ernst Professorship in Accounting is proposed.

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

WHEREAS a gift in the amount of \$269,720 to The Ohio State University Development Fund from Ernst & Ernst has been received for the establishment of the "Ernst & Ernst Professorship in Accounting"; and

WHEREAS this gift is to honor Mr. Richard T. Baker, the third managing partner of Ernst & Ernst, and the financial commitment is guaranteed for a ten-year period; and

WHEREAS the Dean of the College of Administrative Science will chair a committee to select a suitable candidate for this position:

NOW THEREFORE

BE IT RESOLVED, That the "Ernst & Ernst Professorship in Accounting" be established effective for the 1978-79 academic year in accordance with the terms of the agreement between The Ohio State University and Ernst & Ernst.

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

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Before presenting the following resolution, President Enarson called on Dr. Robert Taylor, Director of the Center for Vocational Education, who made a presentation depicting the activities of the Center to the present and describing the proposed expansion which is planned under the additional grant.

**ESTABLISHMENT OF NATIONAL CENTER FOR RESEARCH
IN VOCATIONAL EDUCATION**

Resolution No. 78-75

Synopsis: Establishment of National Center for Research in Vocational Education is being proposed.

WHEREAS The Ohio State University has been designated the National Center for Research in Vocational Education; and

February 3, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF NATIONAL CENTER FOR RESEARCH
IN VOCATIONAL EDUCATION (contd)**

WHEREAS the National Center for Research in Vocational Education will perform six functions:

- (1) Applied R & D on significant vocational education problems;
- (2) Leadership development for current and potential vocational education leaders;
- (3) Dissemination systems to improve utilization of R & D-developed products and information;
- (4) Information to aid national planning/policy development;
- (5) Clearinghouse systems on research projects in vocational education, military curricula and instructional media; and
- (6) Evaluation services and research for improvement of state and local evaluations of vocational education.

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University accept the designation as the site for the National Center for Research in Vocational Education, effective for the year January 16, 1978 through January 15, 1979, with a grant in the amount of \$4,499,968, from the Department of Health, Education, and Welfare, Office of Education, Washington, D. C.

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

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PERSONNEL ACTIONS

Resolution No. 78-76

Synopsis: In addition to the regular personnel actions taken since the last meeting the following Resignation, Appointments, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the December 8, 1977 meeting of the Board, including the following Resignation, Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

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

Resignation

RICHARD H. ARMITAGE, Vice President for Student Services, has resigned from this position effective June 30, 1978.

February 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: DOUGLAS N. JONES
Title: Director, National Regulatory Research Institute, Ohio State University Research Foundation and Professor
School: Public Administration
Effective: March 1, 1978
Salary: \$45,060.00 (12-month appointment)
Present Position: Specialist in Public Utility and Natural Resource Economics, and Assistant Chief, Economics Division, Congressional Research Service, Library of Congress

Name: ROBERT H. ESSENHIGH
Title: Professor (Ervin G. Bailey Chair in Energy Conversion)
Department: Mechanical Engineering
Effective: July 1, 1978
Salary: \$40,080.00 (9-month appointment)
Present Position: Professor of Fuel Science, The Pennsylvania State University

Name: RICHARD H. NUENKE
Title: Associate Professor (Harry C. and Mary Elizabeth Powelson Professorship in Medicine)
Department: Physiological Chemistry
Effective: January 1, 1978
Salary: \$26,520.00 (12-month appointment)
Present Position: Associate Professor, Department of Physiological Chemistry, The Ohio State University

Name: MARGUERITE A. HOWLEY
Title: Director of Food Systems Support
Department: Business and Administration
Effective: February 20, 1978
Salary: \$27,000.00 (12-month appointment)
Present Position: Greyhound Food Management, Inc., Vice President, Nutritional Care Services, Detroit, Michigan

Leaves of Absence Without Salary

LYNN L. FAULKNER, Associate Professor, Department of Mechanical Engineering, effective January 1, 1978 through December 31, 1978, to participate in the Senior Scientist Development Program at Battelle, working in the areas of acoustics and vibrations.

RICHARD E. DYCK, Assistant Professor, Department of Sociology, effective January 1, 1978 through June 30, 1978, to direct Ohio Trade Office in Tokyo, Japan.

February 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

BARBARA DIANNE GROSECLOSE, Assistant Professor, Division of History of Art, effective April 1, 1978 through September 30, 1978, to accept a small research grant from the Graduate School to pursue research on the relationship of American and Italian sculpture during the early Nineteenth Century.

BEVERLY J. DONAHEY, Instructor, Cooperative Extension Service, effective January 17, 1978 through March 16, 1978, for personal reasons.

DIANE MAST, Instructor, Cooperative Extension Service, effective January 16, 1978 through February 15, 1978, to pursue a program of professional improvement at The Ohio State University.

Emeritus Titles

RICHARD H. ARMITAGE, Office of Student Services, with the title Vice President for Student Services Emeritus, effective July 1, 1978.

ANTHONY RUPPERSBERG, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective November 1, 1977.

AUSTIN E. SHOWMAN, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-77

Synopsis: The report 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 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 report 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, 1977, be approved.

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

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

SUMMARY FOR NOVEMBER, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	16	\$ 832,460.00
The Ohio State University Research Foundation	48	2,189,616.47
The Engineering Experiment Station	2	89,917.00
		\$3,111,993.47
The Ohio State University Development Fund	5,667 Donors	\$ 997,858.29
Establishment of Named Funds		
The Wilbur R. Tullis Fund (Department of Agricultural Economics and Rural Sociology)		\$5,000.00
The Robert Andrew, R. Branson and Philene E. Frevert Medical Research Memorial Endowment (College of Medicine)		2,000.00

February 3, 1978 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 398,558.00
The Ohio State University Research Foundation	38	6,566,346.84
The Engineering Experiment Station	4	101,613.00
		\$7,066,517.84
 Establishment of Named Funds		
The Jan R. Dunsford Memorial Scholarship Fund (College of Engineering)		\$10,000.00
Julia I. Dalrymple OSU Home Economics Education Endowed Graduate Fellow- ship (School of Home Economics)		1,000.00

February 3, 1978 meeting, Board of Trustees

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

SECOND QUARTER SUMMARY

(Comparison with 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Student	30	\$13,380,635.00	28	\$13,450,657.00	1
Training	137	8,088,982.53	68	4,936,661.13	(39)
Construction			1	1,681,875.00	100
Total - Federal	167	\$21,469,617.53	97	\$20,069,193.13	(7)
State of Ohio	48	3,266,860.45	52	4,028,287.11	23
Industrial and Other	79	2,258,238.29	51	688,998.20	(70)
Totals	294	\$26,994,716.33	200	\$24,786,478.44*	(8)

*A major factor in the decrease shown has been the transfer of administration for sponsored program from Business and Administration to OSURF.

February 3, 1978 meeting, Board of Trustees

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

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration	12	\$ 653,064.00	9	\$ 781,031.00	20
National Aeronautics and Space Administration	21	508,440.00	19	626,990.00	23
National Science Foundation	87	3,463,960.00	98	4,348,874.00	26
Department of Defense	94	3,477,247.00	91	4,364,517.00	26
Health, Education, and Welfare	155	10,758,014.00	185	12,653,867.47	18
Other Federal	42	3,632,395.00	55	11,222,448.00	209
Total - Federal	411	\$22,493,120.00	457	\$33,997,727.47	51
State of Ohio	15	\$ 153,313.30	31	\$ 968,861.04	532
Industrial, Private, and Other Non- Federal Sponsors	146	\$ 3,080,526.55	201	\$ 4,195,126.76	36
Totals	572	\$25,726,959.85	689	\$39,161,715.27	52

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

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsors	1976-1977		1977-1978		% Change from 1977-78
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	20	\$ 193,084.00	25	\$ 154,587.00*	(20)
State of Ohio	15	554,540.00	28	637,994.00	15
Industrial and Other	394	858,844.00	417	947,281.00	10
Totals	429	\$1,606,468.00	470	\$1,739,862.00	8

*A major factor in the decrease shown has been the transfer from EES to OSURF of the federal programs managed by the Water Resources Center. In the prior year these sales amounted to \$99,248.00 while no WRC sales were included for the current year from these programs.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$119,778.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Content and Methods of Career Preparation--Transfer Relevance of Secondary Curriculum, The Center for Vocational Education, November 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$89,994.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Adult Guidance Delivery Models, The Center for Vocational Education, October 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$79,857.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Resource and Referral Service, The Center for Vocational Education, December 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$76,256.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Toward the Development of a Model for Identifying Successful Education and Work Programs, The Center for Vocational Education, October 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$56,174.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Identification of Basic Skill Development Needs of Occupations (Occupational Literacy Research), The Center for Vocational Education, December 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$39,385.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Nursing Student Assistance Programs - Baccalaureate, School of Nursing, July 1, 1977 through June 30, 1978. (I.D. No. 05L390029-78; Former No. B 7 45 0430 15 1)

\$32,048.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Continuation of Information Base of Transferable Skills, The Center for Vocational Education, November 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$27,943.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Reactor Groups to Complement and Enhance the Work of the ELIG Advisory Panel, The Center for Vocational Education, October 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

February 3, 1978 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Research Contracts/Grants (contd)

\$8,750.00 - Department of Health, Education, and Welfare, U. S. Office of Education, Washington, D. C., Study to Determine the Anticipated Areas of Vocational Education Teacher Shortage for Fiscal Year 1978, The Center for Vocational Education, December 16, 1977 through March 31, 1978. (Contract No. 30077269)

\$4,278.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Nursing Student Assistance Programs - Graduate, School of Nursing, July 1, 1977 through June 30, 1978. (I.D. No. 05L390068-78; Former No. G 7 45 0430 15 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$534,463.00**

Industrial and Other Contracts/Grants

\$224,192.00 - University of Massachusetts, Institute for Governmental Services, Amherst, Massachusetts, Continuation of the Ninth Grade Exploratory Clusters Program in the Boston Public Schools, The Center for Vocational Education, October 24, 1977 through September 30, 1978. (Project No. 78-397-020-174-1)

\$45,305.00 - University of Illinois, Urbana, Illinois, Optimizing Planning Techniques (OPT) for Comprehensive Systems of Guidance Counseling, Placement and Follow-Through, The Center for Vocational Education, October 1, 1977 through March 31, 1979. (Grant No. G007702142)

\$16,000.00 - Milwaukee Public Schools, Milwaukee, Wisconsin, to provide a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, The Center for Vocational Education; July 1, 1977 through June 30, 1978. (Contract No. CVE-177-OSU-77)

\$9,446.92 - Madison Public Schools, Madison, Wisconsin, to provide a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. CVE-178-OSU-77)

\$1,553.08 - Madison Public Schools, Madison, Wisconsin, for preparation of materials related to Alliance for Career Education, The Center for Vocational Education, effective June 29, 1977. (Purchase Order DP22392)

\$1,500.00 - California State University, Fresno Foundation, Fresno, California, Technical Assistance Workshop, The Center for Vocational Education, November 1, 1977 through December 31, 1977. (No. F 1378)

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$297,997.00**

February 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$324,475.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station, College of Engineering, 1 January 1976 through 30 September 1978. (Project 784347 - Modification No. 4)

\$199,979.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Block Funded Support for Electromagnetics Research, ElectroScience Laboratory, Department of Electrical Engineering, 1 October 1977 through 30 September 1978. (Project 710816 - New)

\$129,679.00 - Department of the Air Force, Rome Air Development Center, (AFSC), Griffiss Air Force Base, New York, Advanced TDMA Techniques and Bit Synchronous Design and Array Component Evaluation, ElectroScience Laboratory, Department of Electrical Engineering. (Project 710300 - Modification No. P00011)

\$120,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Extension and Expansion of Epitaxial Magnetic Film Evaluation Techniques, Departments of Physics and Electrical Engineering. (Project 764596 - Modification No. P00002)

\$110,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Allotment Program, Fiscal Year 1978, Water Resources Center, Engineering Experiment Station, College of Engineering, 1 October 1977 through 30 September 1978. (Project 760851 - New)

\$78,635.00 - Department of Health, Education, and Welfare, 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, 1 December 1977 through 30 November 1978. (Project 710848 - Extension No. 8)

\$74,987.00 - Department of the Air Force, Aeronautical Systems Division, (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784589 - Modification No. P00002)

\$62,997.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, The Effect of Service-Induced Surface Roughness on Turbine Blade Boundary Layers, Department of Mechanical Engineering. (Project 784174 - Modification No. P00005)

February 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$62,000.00 - National Science Foundation, Washington, D. C., Late Glacial and Interglacial Temperature Trends in South Central Chile, from Ice Marginal Fluctuations and Fossil Beetle Assemblage Changes, Institute of Polar Studies, Graduate School, 1 October 1977 through 30 September 1978. (Project 710853 - New)

\$61,782.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry, 1 December 1977 through 30 November 1978. (Project 710857 - Extension No. 10)

\$55,000.00 - Department of the Interior, Water Research and Technology Office, Washington, D. C., Inhibition of Microbiological Acid Production in Coal Mine Refuse and Strip Mine Spoils, Water Resources Center, Engineering Experiment Station, College of Engineering, and Department of Microbiology, 1 October 1977 through 30 September 1979. (Project 710708 - New)

\$46,472.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electrophysiological Studies in Visual Adaptation, Institute for Research in Vision, College of Biological Sciences, 1 December 1977 through 30 November 1978. (Project 710847 - Extension No. 8)

\$46,000.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Studies in Gravimetric Geodesy, Department of Geodetic Science. (Project 764637 - Modification No. P00002)

\$45,000.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Conduct a Study of Radar Target Identification by the Multiple-Frequency Resonance and Time Domain Pole Method, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784677 - Modification No. P00001)

\$42,390.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Welding Fluxes-Optimization of Performance of Arc Welding Using Fluxes for Joining HY100 and HY130 KPSI in Ship Structures, Department of Welding Engineering, 1 February 1975 through 30 September 1978. (Project 784125 - Modification No. P00004)

\$41,260.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., USAF-ASEE Summer Faculty Research Program, Department of Aeronautical and Astronautical Engineering, 1 January 1976 through 30 September 1978. (Project 784350 - Modification No. P00004)

February 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,894.00 - Department of the Air Force, Electronic Systems Division, (AFSC), Hanscom Air Force Base, Massachusetts, Continuing Study of Impact of Inductive or Capacitive Reactance Loading on Circular Cylinders, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784641 - Modification No. P00002)

\$31,200.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Public Service Fellowship Program, School of Public Administration, 1 September 1977 through 31 August 1978. (Project 710734 - New)

\$31,000.00 - National Science Foundation, Washington, D. C., Monograph of the Saprolegniaceae (Oomycetes), Department of Botany, 15 August 1976 through 30 September 1978. (Project 784514 - Letter dated 7 November 1977)

\$30,000.00 - Environmental Protection Agency, Washington, D. C., Phase II, Ohio River Basin Energy Study, Department of City and Regional Planning, 1 September 1977 through 31 August 1978. (Project 710834 - New)

\$26,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Public Service Institutional Program, School of Public Administration, 15 September 1977 through 14 September 1978. (Project 710794 - New)

\$25,000.00 - Department of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute of Occupational Safety and Health, Rockville, Maryland, A Study of Intermittent and Impact Noise Effects on the Ear, Department of Otolaryngology, 29 September 1977 through 28 June 1978. (Project 710814 - New)

\$23,200.00 - National Science Foundation, Washington, D. C., Pliocene Glaciations in Southern Argentina, Institute of Polar Studies, 1 November 1977 through 31 October 1978. (Project 710861 - New)

\$15,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Application of Coarse Mesh Rebalancing Methods to Aerodynamic Equations, Department of Mechanical Engineering, 1 November 1977 through 30 September 1978. (Project 710860 - New)

\$14,526.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Teaching Grant in Occupational Therapy, School of Allied Medical Professions. (Project 710725 - Amendment No. 1)

February 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,723.47 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Citizenship and Consumer Education Project, Mershon Center for Education in National Security, 1 October 1977 through 15 February 1978. (Project 710830 - New)

\$8,392.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions. (Project 710649 - Amendment No. 3)

\$3,075.00 - National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, Defense Cost and Price Analysis, Division of Continuing Education, Office of Educational Services, 7 November 1977 through 31 March 1978. (Project 710854 - New)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Nursing, Bethesda, Maryland, National Research Service Institutional Award, Office of Special Services, 15 September 1977 through 15 September 1978. (Project 710851 - New)

\$1,200.00 - Department of Agriculture, Forest Service, Bedford, Indiana, Study of *Ammocrypta pellucida* in Wayne National Forest, Department of Zoology, 15 September 1977 through 31 December 1977. (Project 710850 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$1,756,866.47

State of Ohio Research Contracts/Grants

\$5,635.00 - Ohio Air Quality Development Authority, Columbus, Ohio, Statistical Determination of Total Suspended Particulates Background Concentrations in Selected Metropolitan Areas, Academic Faculty of Management Science, 1 October 1977 through 30 September 1978. (Project 710863 - New)

\$5,098.00 - Ohio Department of Mental Health and Mental Retardation, Columbus, Ohio, Effects of Sex, I.Q., Socioeconomic Status and Father's Presence in the Home, on the Results of Channel Specific Perceptual Training, Department of Psychiatry, 1 October 1977 through 30 June 1978. (Project 710837 - New)

\$500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, A Workshop and Concert by Groupe Vocal de France, School of Music, 1 July 1977 through 10 September 1977.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$11,233.00

February 3, 1978 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

\$128,448.00 - The National Council of Teachers of Mathematics, Reston, Virginia, A Study of Priorities in School Mathematics (PRISM), Academic Faculty of Science-Mathematics Education, 1 October 1977 through 30 September 1979. (Project 710710 - New)

\$86,206.00 - Gallaudet College, Washington, D. C., Auditorily Augmented Interactive Three-Dimensional Television as an Aid to Language Learning Among Deaf and Hearing Impaired Children, Department of Art, 1 October 1977 through 30 September 1978. (Project 710827 - New)

\$74,144.00 - Purdue University, West Lafayette, Indiana, Impact of Calculators in Elementary School Mathematics, Academic Faculty of Science-Mathematics Education, 1 September 1977 through 31 August 1978. (Project 710826 - New)

\$31,205.00 - The Procter & Gamble Company, Cincinnati, Ohio, Pathogenesis of the Dying-Back Neuropathy Induced by ZPT, Department of Medicine, 15 October 1977 through 14 October 1978. (Project 710849 - New)

\$24,014.00 - University of Maine at Orono, Orono, Maine, The Mechanism of Ozone Inactivation of Water Borne Viruses, Department of Civil Engineering, 1 October 1977 through 30 September 1979. (Project 710836 - New)

\$17,280.00 - University Council for Educational Administration, Columbus, Ohio, Developing Training Modules (Women's Educational Equity Act), Academic Faculty of Educational Administration, 1 September 1977 through 31 August 1978. (Project 710858 - New)

\$13,161.00 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for the Mentally Retarded, 1 October 1977 through 30 September 1978. (Project 710855 - New)

\$9,996.00 - Deere and Company, Moline, Illinois, The Effect of Thickness, Strain Rate and Strain Level on the NDT Temperature of Mild Steels, Department of Metallurgical Engineering, 10 October 1977 through 9 October 1978. (Project 710841 - New)

\$8,003.00 - Battelle-Columbus Laboratories, Durham Operations, Durham, North Carolina, Scientific Services on the Effects of Atmospheric Turbulence on Millimeter Transmission, ElectroScience Laboratory, Department of Electrical Engineering, 9 November 1977 through 1 April 1978. (Project 710868 - New)

February 3, 1978 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)

\$7,500.00 - Rockwell International, Columbus Aircraft Division, Columbus, Ohio, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering, 9 November 1977 through 31 January 1978. (Project 710859 - New)

\$6,410.00 - Safety Council, Columbus Area Chamber of Commerce, Columbus, Ohio, Technical Assistance in Developing Commercial Establishment Crime Prevention Curriculum, School of Public Administration, 14 October 1977 through 31 March 1978. (Project 710852 - New)

\$5,995.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Navy Bean Phytohemagglutinin as Cofactor in Development of Lymphoma, Department of Medicine, 1 November 1977 through 31 October 1978. (Project 710877 - New)

\$5,830.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Relationship of the Major Histocompatibility Complex to Macrophage Mediated Tumor Cell Destruction, Department of Microbiology, 1 November 1977 through 31 October 1978. (Project 710866 - New)

\$2,875.00 - Guernsey County 701 Planning Funds, City of Cambridge, County of Guernsey, Ohio, Guernsey County Housing Survey, Department of Agricultural Economics and Rural Sociology, 7 September 1977 through 6 February 1978. (Project 710817 - New)

\$450.00 - Piper Aircraft Corporation, Vero Beach Plant, Vero Beach, Florida, General Aviation Low-Speed Airfoil Design and Development Service - Individual "Users" Orders, Department of Aeronautical and Astronautical Engineering, 15 June 1977 through 31 July 1977. (Project 784765 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$421,517.00

ENGINEERING EXPERIMENT STATION

Federal Research Contract

\$64,077.00 - The Products Research Committee of the National Bureau of Standards, Washington, D. C., for Determination of Fire Hazards of Systems Containing Cellular Plastics, Department of Chemical Engineering, January 1, 1977 through December 31, 1977. (EES 532, Extension No. 2)

February 3, 1978 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Contract

\$25,840.00 - The Association of American Railroads, Chicago, Illinois, Failure (Hazard) Mode and Effect Analysis and Fault-Tree Analysis to Determine Potential Failures and Problems Associated with the Use of Hand Brakes on Freight Cars, Department of Industrial and Systems Engineering, November 1, 1977 through October 31, 1978. (EES 574)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$269,720.00 from Ernst and Ernst Foundation, Cleveland, Ohio, for their Professorship in Accounting.

\$42,000.00 from Ohio Lions Eye Research Foundation, Steubenville, Ohio: \$17,000.00 for the Ohio Lions Club Blindness Research Fund, \$9,500.00 for the Lions 1977 (Hill) Fund, \$8,500.00 for the Lions 1977 (Jones) Fund, \$5,000.00 for the Lions 1977 (Schoessler) Fund, and \$2,000.00 for the Lions 1977 (Fry) Fund.

\$26,750.00 from General Motors Corporation, Detroit, Michigan, for their named scholarship fund.

\$21,000.00 from Wolfe Associates, Inc., Columbus, Ohio: \$15,000.00 for the Judson D. Wilson Professorship in Orthopedic Surgery and \$6,000.00 for the University Activities Center.

\$20,046.41 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$14,079.05 from Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$13,100.00 from Mr. Ralph E. Heffner (given in the names of Ralph W. and William G. Heffner), Celina, Ohio, for project(s) to be designated at a later date.

\$12,250.00 from Eastman Kodak Company, Rochester, New York: \$6,000.00 for their scholarship fund in Chemical Engineering, \$2,500.00 for their scholarship fund in Administrative Science, \$1,250.00 for their scholarship fund in Industrial and Systems Engineering, \$1,000.00 for their scholarship fund in Aeronautical and Astronautical Engineering, \$750.00 for their scholarship fund in Chemistry, and \$750.00 for their scholarship fund in Mathematics.

February 3, 1978 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)

\$11,594.28 from Children's Hospital Research Foundation, Columbus, Ohio, for the Antibiotic Development Program.

\$11,500.00 from Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

\$10,054.82 from Frederick H. Davidorf, M.D., Inc. (given in the name of Frederick H. Davidorf), Columbus, Ohio: \$4,296.98 for the Ophthalmology Photography Fund, \$3,433.08 for the Retina Research Fund, \$1,584.76 for the Operation Eye Research Fund, and \$740.00 for the Ophthalmology Art Work Rotary Fund.

\$10,000.00 from Barbara W. Lambert, Ironton, Ohio, for the Homer M. Edwards Memorial Fund in the College of Law.

\$10,000.00 from John T. Tait, Columbus, Ohio, for project(s) to be designated at a later date.

\$10,000.00 from Zaner-Bloser, Inc., Columbus, Ohio, for the Academic Faculty of Exceptional Children Support Fund.

\$9,000.00 from Paul Ecke Poinsettias (given in the name of Paul Ecke, Jr.), Encinitas, California, for the D. C. Kiplinger Chair in Floriculture.

\$8,000.00 from E. I. duPont de Nemours & Company, Wilmington, Delaware, for the Affirmative Action Program in Engineering Fund.

\$7,644.00 from The University Obstetricians & Gynecologists (given in the names of John Boutselis, Donald Bryan, Garth Essig, Moon Kim, Nicholas Teteris, Roberto Villalon, J. Hutchison Williams, and Frederick Zusan), Columbus, Ohio: \$6,310.00 for the EPR-OBS Fund and \$1,334.00 for the John G. Boutselis Fund in Obstetrics and Gynecology.

\$6,439.58 from Children's Hospital of Columbus, Ohio, for the College of Medicine Progress Fund.

\$6,243.39 from Richard H. Keates, M.D., Inc., (given in the name of Richard H. Keates), Columbus, Ohio, for the Eye Bank Fund.

\$6,000.00 from Diamond Shamrock Corporation, Cleveland, Ohio, for their fund in Chemical Engineering.

\$5,752.00 from Association of American Railroads, Chicago, Illinois, for their fellowship fund.

February 3, 1978 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 from The Joseph Hill Memorial Foundation, Inc., Haslett, Michigan, for the Ohio Florists Association Special Fund.

\$5,000.00 from Kitayama Brothers, Watsonville, California, for the D. C. Kiplinger Chair in Floriculture.

\$5,000.00 from Monsanto Company, St. Louis, Missouri: \$3,000.00 for their Aid to Education Chemical Engineering Fund and \$2,000.00 for their Fund for Chemistry.

\$5,000.00 from Union Carbide Corporation, Ashtabula, Ohio, for their fellowship fund in Welding Engineering.

Establishment of Named Funds

The Wilbur R. Tullis Fund

The Wilbur R. Tullis Fund was established February 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Wilbur R. Tullis, B.S.Agr. '34, London, 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 income is to be used by the College of Agriculture and Home Economics to support the annual Youth and Science Day. If the Youth and Science Day is discontinued, the income shall be made available to the Department of Agricultural Economics and Rural Sociology for students. All expenditures will be recommended by the Chairman of the Department of Agricultural Economics and Rural Sociology and approved by the dean of the college.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever within the College of Agriculture and Home Economics 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 education.

February 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Robert Andrew, R. Branson and Philene E. Frevert
Medical Research Memorial Endowment**

The Robert Andrew, R. Branson and Philene E. Frevert Medical Research Memorial Endowment was established February 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Philene E. Frevert, B.A. '17, of Clayton, Missouri, in memory of her husband, Robert Andrew Frevert, M.E. '10, and son R. Branson Frevert.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 exclusively for medical research in cancer, heart and arthritis. Cancer research is to be first consideration, as long as such is necessary.

Should the need for this research 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.

February 3, 1978 meeting, Board of Trustees

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

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Contract/Grant

\$398,558.00 - State of Ohio, Department of Education, Columbus, Ohio, Standard for Colleges or Universities Preparing Teachers, College of Education, July 1, 1977 through June 30, 1979.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$4,909,715.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, 1 July 1972 through 30 September 1979. (Project 783489 - Modification No. 11)

\$521,198.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, College of Medicine, 1 December 1977 through 30 November 1978. (Project 761196- Extension No. 17)

\$190,974.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Maximizing CETA Goal Achievement through Prime Sponsor Management Systems, Department of Political Science, 15 September 1974 through 28 February 1979. (Project 784055 - Modification No. 6)

\$76,730.00 - Environmental Protection Agency, Washington, D. C., Biological Adequacy and Toxicity of Selenium Compounds from Food and Water, Department of Pharmacology, 28 November 1977 through 27 November 1978. (Project 710870 - New)

\$69,566.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Communication Application of Adaptive Arrays, ElectroScience Laboratory, Department of Electrical Engineering, 1 December 1977 through 28 February 1979. (Project 710929 - New)

\$67,495.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services, 1 February 1976 through 31 March 1978. (Project 784378 - Modification No. P00008)

February 3, 1978 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 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Study the External Gravity Potential of the Earth and Geodetic Parameters Affected by Gravity, Department of Geodetic Science, 25 August 1975 through 30 September 1978. (Project 764214 - Modification No. P00006)

\$42,938.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Effect of Ethanol on Small Intestinal Function, Department of Medicine, 1 December 1977 through 30 November 1978. (Project 710879 - Extension No. 1)

\$42,863.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry, 1 January 1978 through 31 December 1978. (Project 710926 - Extension No. 1)

\$42,374.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Lipopolysaccharide Antigens of Pseudomonas Aeruginosa, Department of Chemistry, 1 January 1978 through 31 December 1978. (Project 710924 - Extension No. 2)

\$42,000.00 - National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria, Department of Chemistry, 1 March 1977 through 28 February 1979. (Project 784647 - Letter dated 22 November 1977)

\$39,050.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Abberant Gene Expression During Chemotherapy, Department of Physiological Chemistry, 1 December 1977 through 30 November 1978. (Project 710876 - Extension No. 5)

\$30,000.00 - Department of the Army, Army Mobility Equipment Research and Development Command, Fort Belvoir, Virginia, Electromagnetic Mine Detection and Identification, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784722 - Modification No. P00002)

\$23,500.00 - National Science Foundation, Washington, D. C., Strained Polycyclic Aromatic Hydrocarbons, Department of Chemistry, 1 January 1975 through 31 December 1978. (Project 784102 - Letter dated 5 December 1977)

February 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,938.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication. (Project 710772 - New)

\$18,567.00 - National Science Foundation, Washington, D. C., Analysis of Data from the Byrd Station Strain Network, Antarctica, Institute of Polar Studies, Graduate School, 31 December 1976 through 31 December 1978. (Project 784629 - Letter dated 14 December 1977)

\$5,700.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Occupational Therapy, School of Allied Medical Professions. (Project 710723 - Amendment No. 1)

\$4,000.00 - National Science Foundation, Washington, D. C., Relationship of Membrane States to Growth Performance in Plant Tissues, Department of Botany. (Project 783643 - Letter dated 6 December 1977)

\$1,650.00 - National Science Foundation, Washington, D. C., Dissertation Research: Demographic Transition in England, Department of History, 1 January 1978 through 31 December 1978. (Project 710925 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$6,209,258.00

State of Ohio Research Contracts/Grants

\$48,653.84 - State of Ohio, Department of Health, Columbus, Ohio, Training Program in Rehabilitation Nursing, Department of Physical Medicine, 1 October 1977 through 30 September 1978. (Project 710875 - New)

\$4,158.00 - State of Ohio, Department of Health, Columbus, Ohio, Electroacoustic Status of Hearing Aids Worn by Public School Children in Columbus, Ohio, Department of Communication, 1 October 1977 through 30 September 1978. (Project 710931 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$52,811.84

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, 1 October 1976 through 30 September 1978. (Project 784521 - Letter dated 4 November 1977)

February 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial and Other Contracts/Grants (contd)

\$53,685.00 - Kendall Demonstration Elementary School, Gallaudet College, Washington, D. C., Continuation of the Kendall Demonstration Elementary School Career Education Project, The Center for Vocational Education, 1 October 1977 through 30 September 1978. (Project 710845 - New)

\$47,430.00 - World Health Organization, Geneva, Switzerland, Evaluation of the Safety of Immunizing Female Baboons with Synthetic hCG Peptides as a Fertility Control Measure - Task Force on Immunological Methods of Fertility Regulation, Department of Medical Microbiology, 1 January 1978 through 31 December 1978. (Project 710873 - Amendment)

\$27,800.00 - American Cancer Society, New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine, 1 January 1978 through 31 December 1978. (Project 710932 - New)

\$15,000.00 - Muscular Dystrophy Association, Inc., New York, New York, Physiologic and Morphologic Correlation Studies on Motor Nerve Terminal, End Plate, Muscle Fiber, and Motor Unit Properties in Clinical and Experimental Neuromuscular Diseases, Department of Medicine, 1 January 1978 through 31 December 1978. (Project 710927 - Letter dated 18 November 1977)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Tectorial Membrane-Sensory Cilia Relationship, Department of Otolaryngology, 1 January 1978 through 31 December 1978. (Project 710923 - New)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Experimental Otitis Media, Department of Otolaryngology, 1 January 1978 through 31 December 1978. (Project 710919 - New)

\$9,814.00 - Southeastern Center for Electrical Engineering Education, Inc., Bridgeport, New York, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics, 1 June 1977 through 31 December 1978. (Project 784787 - Amendment No. 1)

\$6,750.00 - Warren-Teed Pharmaceuticals, Inc., Horsham, Pennsylvania, A Study of Exocrine Pancreatic Function, Department of Medicine. (Project 784687 - Letter dated 13 December 1977)

\$5,904.00 - Philip Morris Research Center, Richmond, Virginia, Effect of Nicotine on Rage Behavior in the Cat, Department of Psychology, 1 July 1977 through 30 September 1978. (Project 784767 - Letter dated 25 October 1977)

February 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial and Other Contracts/Grants (contd)

\$4,979.00 - Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response, Department of Medicine. (Project 783706 - Check received 30 September 1977)

\$3,750.00 - Safety Council, Columbus Area Chamber of Commerce, Columbus, Ohio, Technical Assistance in Developing Commercial Establishment Crime Prevention Curriculum, School of Public Administration, 14 October 1977 through 31 March 1978. (Project 710936 - New)

\$3,327.00 - University of Missouri, Columbia, Missouri, Study of Gas-Solid Airflow Over a Flat Plate, Department of Chemical Engineering, 1 October 1977 through 30 September 1978. (Project 710878 - New)

\$2,300.00 - ECCO Family Health Center, Columbus, Ohio, Expansion of Dental Services, School of Allied Medical Professions, 1 November 1977 through 31 July 1978. (Project 710917 - New)

\$2,100.00 - Ashland Chemical Company, Columbus, Ohio, Stereo Electron Micrographic Studies of Carbon Black, Department of Geodetic Science, 1 August 1976 through 31 March 1978. (Project 784507 - Check dated 7 October 1977)

\$1,000.00 - Muscular Dystrophy Association, Columbus, Ohio, Correlation of Morphology and Axoplasmic Transport in the Dying-back Process of Peripheral Nerve Degeneration, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 710918 - New)

\$438.00 - Grandview Heights City School District, Columbus, Ohio, Enrollment Projections and School Census for Grandview Heights School System, Academic Faculty of Educational Administration, 15 November 1977 through 31 December 1977. (Project 710874 - New)

**TOTAL - INDUSTRIAL AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$304,277.00

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contracts/Grants

\$62,465.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Stability of Slopes in Shale and Colluvium, Department of Civil Engineering, December 15, 1977 through December 14, 1978. (EES 576)

February 3, 1978 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$23,748.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, Task 3: Benefits of Specific Productivity Improvement, and Task 5: Impact of Load Shape Changes on Benefits of Improved Productivity of FEA-RFP No. 70278, Department of Mechanical Engineering, December 1, 1977 through July 31, 1978. (EES 575)

\$5,400.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, A Study to Analyze Selected Public Policy Issues Dealing with the Regulation of Electric Power and Natural Gas Utilities, Department of Mechanical Engineering, April 22, 1975 through September 20, 1978. (EES 508C, Extension No. 2)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$91,613.00

Industrial and Other Contract

\$10,000.00 - Columbus & Southern Ohio Electric Company, Columbus, Ohio, Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, December 1, 1977 through December 11, 1978. (EES 510)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$593,000.00 from Estate of Ervin G. Bailey, Boston, Massachusetts, for the establishment of the Ervin G. Bailey Chair in Energy Conversion.

\$200,000.00 from Ohio Real Estate Commission, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$161,865.00 from Mr. Leslie H. Wexner, Columbus, Ohio, for the Wexner Fund.

\$100,000.00 from Estate of Edna Smith Eakin, Lake Worth, Florida, for the Edna Smith Eakin Memorial Loan Fund.

\$84,000.00 from Mr. Howard E. LeFevre, Newark, Ohio, for the Howard E. and Catherine Bonner LeFevre Fund.

\$56,100.00 from Eli Lilly and Company, Indianapolis, Indiana-\$49,500.00 for the Clinical Pharmacology of Dobutamine - Eli Lilly Company and \$6,600.00 for the Infectious Disease Research Fund.

February 3, 1978 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)

\$52,250.00 from Mr. Roger A. Vaughan, Columbus, Ohio, for the Presidents Club Special Fund.

\$50,000.00 from Mr. John W. Galbreath, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$40,617.65 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$33,200.00 from The Akron Area Board of Realtors, Akron, Ohio, for the John W. Galbreath Chair in Real Estate.

\$30,000.00 from The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

\$30,000.00 from Wolfe Associates, Inc., Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$28,000.00 from Mr. John D. Drinko, Cleveland, Ohio, for the Newton D. Baker Scholarship Fund.

\$25,000.00 from The Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for the Edward C. and Hazel L. Stephenson Scholarship Fund.

\$20,000.00 from Ford Motor Company Fund, Dearborn, Michigan--\$10,000.00 for the SDRC Fund, \$5,000.00 for the Corporate Associates, and \$5,000.00 for the Welding Engineering Grant-in-Aid - Ford Motor Company.

\$20,000.00 from Mr. John F. Moxley, Westfield Center, Ohio, for the John F. Moxley Fund in Natural Resources.

\$17,715.00 from Pfizer, Inc., Croton, Connecticut, for the Clinical Pharmacology Fund.

\$17,195.00 from The Yassenoff Foundation, Inc., Columbus, Ohio, for designated departments and projects at the University.

\$14,647.00 from Canton-Massillon Board of Realtors, Akron, Ohio, for the John W. Galbreath Chair in Real Estate.

\$13,523.30 from Louise Orr Scott Foundation, Columbus, Ohio, for the William Craig Orr and Mary Black Orr Scholarship in Medicine.

February 3, 1978 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)

\$13,352.74 from Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$11,950.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$11,000.00 from Katherine E. Parrett Trust, Washington C. H., Ohio, for the Katherine E. Parrett Fund.

\$11,000.00 from The E. F. Wildermuth Foundation, Columbus, Ohio, for the Kathryn M. and E. F. Wildermuth Memorial Fund.

\$10,898.13 from Stanford University, Stanford, California, for the Political Science Department Chairman's Discretionary Fund.

\$10,678.00 from Allegheny Foundation, Pittsburgh, Pennsylvania, for the Veterinary Surgery Research Fund - Hohn.

\$10,429.75 from Department of Ohio Ladies Auxiliary, Troy, Ohio, for the Cancer Research Fund.

\$10,027.50 from Mrs. Elizabeth J. Carruthers, Cincinnati, Ohio, for the Carruthers Dairy Science Educational Fund.

\$10,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for the Affirmative Action Program in Engineering.

\$10,000.00 from Mr. Donald A. Borrer, Columbus, Ohio, for the College of Law Advancement Fund.

\$10,000.00 from The Grimes Foundation, Delray Beach, Florida, for the Physical Medicine Support Fund.

\$10,000.00 from William H. Havener, M.D., Columbus, Ohio, for the Ophthalmology Teaching Fund.

\$10,000.00 from Helen Coast Hayes, Portland, Ohio, for the Operation Eye Research Fund.

\$10,000.00 from Kohr & Royer, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

February 3, 1978 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 from Mrs. Ralph W. Kurtz, Tampa, Florida, for the Helen C. Kurtz Chair in Radiology.

\$10,000.00 from Mr. Ralph W. Kurtz, Tampa, Florida, for the Ralph W. Kurtz Chair in Endocrinology.

\$10,000.00 from The Kaplan-Halpert Foundation, Inc., (given in the name of Joseph M. Kaplan), Cleveland, Ohio, for the Endocrine Research Fund.

\$10,000.00 from New York Yankees (given in the name of George M. Steinbrenner), Bronx, New York, for the Department of Athletics Discretionary Fund.

\$10,000.00 from Ohio Power Company, New York, New York, for the American Electric Power Fund for Engineering.

\$10,000.00 from Porthouse Foundation (given in the name of Cyril R. Porthouse), Kent, Ohio--\$5,000.00 for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering and \$5,000.00 for the Student Athlete Grant-in-Aid Fund.

\$9,400.00 from Dow Chemical, Midland, Michigan, for the Dow Chemical Company Fund in Computer and Information Science.

\$9,000.00 from Bob Keim Ford, Inc., Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$8,800.00 from The Peat, Marwick, Mitchell Foundation, New York, New York, for the Peat, Marwick, Mitchell & Co. Fund.

\$8,687.68 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$8,600.00 from Mrs. Dorothy A. Burchfield (given in the name of James R. Burchfield), Columbus, Ohio, for the College of Law Advancement Fund.

\$8,100.00 from Searle, Chicago, Illinois, for the Infectious Disease Research Fund.

\$7,637.88 from Mr. Paul W. Brown, Columbus, Ohio, for the College of Law Advancement Fund.

\$7,500.00 from Amoco Foundation, Chicago, Illinois--\$6,000.00 for the Distinguished Teachers Awards Fund and \$1,500.00 for the University Emergency Fund.

February 3, 1978 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 from Nephrology Associates, Columbus, Ohio, for the Renal Disease Research Fund.

\$7,500.00 from Mr. James R. Riley, Worthington, Ohio, for the James R. Riley Professorship in Transportation and Logistics Fund.

\$7,000.00 from Dr. Byron L. Bondurant, Dublin, Ohio, for the Alan Clay Bondurant Memorial Fund.

\$6,754.00 from Gladys R. Dunlap, Columbus, Ohio, for the Presidents Club Special Fund.

\$6,666.66 from Wolfe Associates, Inc., (given in the name of John Walton Wolfe), Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$6,361.68 from Richard H. Keates, M.D., Inc., Columbus, Ohio, for the Eye Bank Fund.

\$6,000.00 from Consumer Guild Foods, Inc., (given in the name of Ann M. Ascham), Toledo, Ohio, for the Consumer Guild Foods Graduate Research Fund in Emulsified Foods.

\$5,954.85 from Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$5,712.90 from Diabetes Clinic, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$5,645.00 from Dr. Martin W. Essex, Columbus, Ohio, for the Presidents Club Special Fund.

\$5,481.00 from Mr. Wayne E. Smith, Worthington, Ohio, for the Wayne E. and Mildred K. Smith Endowment Fund.

\$5,187.50 from Mrs. Ida Topper, Columbus, Ohio, for the Isadore and Ida Topper Fund.

\$5,000.00 from Ashland Oil, Inc., Ashland, Kentucky, for the Minority Assistance Program in the College of Administrative Science.

February 3, 1978 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 from Harriet Ann Blankenbuehler, Troy, Ohio, for the John H. Blankenbuehler Scholarship in Welding Engineering.

\$5,000.00 from Clow Corporation, Oak Brook, Illinois, for the Harkers Fund,

\$5,000.00 from Robert W. Copelan, Paris, Kentucky, for the Equine Nutrition Research Fund.

\$5,000.00 from Elano Corporation (given in the name of Ervin J. Nutter), Xenia, Ohio, for the College of Agriculture and Home Economics Dean's Discretionary Fund.

\$5,000.00 from Dr. Fred A. Hitchcock, Columbus, Ohio, for the Fred A. Hitchcock Professorship in Environmental Physiology Fund.

\$5,000.00 from Basil W. Long, Worthington, Ohio, for the Dean's Education and Research Fund - Veterinary Medicine.

\$5,000.00 from The Merck Company Foundation, Rahway, New Jersey, for the Teaching and Learning Development Grant.

\$5,000.00 from Melvin E. Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$5,000.00 from Monsanto Company, St. Louis, Missouri, for the Department of Agronomy Week Science Endowment Fund.

\$5,000.00 from Noba, Inc., (given in the name of B. Maxwell Drake), Tiffin, Ohio, for the Noba, Inc., Research Fund.

\$5,000.00 from Mrs. Milton M. Parker, Columbus, Ohio, for the Harriet and Milton Parker Fund in Neuro-Psychiatry.

\$5,000.00 from Everett D. Reese Fund of The Columbus Foundation (given in the name of Everett D. Reese), Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,000.00 from Shibata Brothers, Mt. Eden, California, for the D. C. Kiplinger Chair in Floriculture.

February 3, 1978 meeting, Board of Trustees

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

Establishment of Named Funds

The Jan R. Dunsford Memorial Scholarship Fund

The Jan R. Dunsford Memorial Scholarship Fund was established February 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Marguerite H. Dunsford of Sewickley, Pennsylvania, in memory of her beloved husband, Jan R. Dunsford, M.E. '08.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 members of the junior and senior classes of the College of Engineering. The selection of the recipient is to be made on the basis of scholastic achievement, character and need by the University Scholarship Committee and the Dean of the College of 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 administrative official of the University who is then directly responsible for Engineering education.

Julia I. Dalrymple

O.S.U. Home Economics Education Endowed Graduate Fellowship

The Julia I. Dalrymple O.S.U. Home Economics Education Endowed Graduate Fellowship was established February 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Julia I. Dalrymple, Ph.D. '53, 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 demands.

The annual income is to be added to the principal until the fund reaches \$10,000. At that time the income is to be used to provide graduate fellowship(s) in Home Economics Education for academically qualified students with first preference for doctoral students. The selection of the recipients is to be made by the Home Economics Education Graduate Faculty and submitted to the School of Home Economics Fellowship Committee in cooperation with the Director of the School of Home Economics and the Dean of the College of Agriculture and Home Economics.

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 Home Economics Graduate Study.

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February 3, 1978 meeting, Board of Trustees

EMPLOYMENT ARCHITECTS/ENGINEERS

ENERGY MODIFICATIONS TO BUILDINGS--PROJECT I, II, AND III

Resolution No. 78-78

Synopsis: Continuation of the University's Energy Conservation Program to include selected modifications from completed energy surveys and reports.

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

WHEREAS \$850,000.00 has been provided from H.B. 618, Utilities and Renovation 1977-79 Biennium for this project:

NOW THEREFORE

BE IT RESOLVED, That the firms of Larsen Engineering Company, Columbus, Ohio, be employed for engineering services on Projects I and III, and Jeffrey A. Jones & Associates, Inc., of Columbus, Ohio, be employed for Project II, including working drawings, specifications, estimates of cost, and all necessary bidding documents and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for these services be negotiated between the firms and the Department of Administrative Services, Division of Public Works, with the total project cost being \$850,000.00.

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

STARLING-LOVING HALL IMPROVEMENTS--PHASE II

Resolution No. 78-79

Synopsis: Continuation of improvement program which began in 1973 for the educational program needs of the College of Optometry.

WHEREAS Wing A of Starling-Loving Hall, originally constructed in 1916 with the north section being constructed in 1936 has allowed for the expansion of the College of Optometry due to the vacation of the space by the relocation of University Hospital Clinic operations to a new building, and nearly 46,000 square feet has been renovated under a project completed in 1976; and

February 3, 1978 meeting, Board of Trustees

STARLING-LOVING HALL IMPROVEMENTS--PHASE II (contd)

WHEREAS 4,595 square feet of additional space is required for general Optometry Clinic rooms, visual training space, and service space for optometric technician students, and the present condition of the space is functionally inadequate and deteriorated; and

WHEREAS the improvements will include work related to meeting current building codes, window replacement, corridor and stairwell improvements, improvement of electrical service, partitioning of space, improvement of flooring and room services, and improvement of visual and thermal environments:

NOW THEREFORE

BE IT RESOLVED, That the firm of John S. Coke and Associates, of Columbus, Ohio, be employed to provide complete architectural services for this project, including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction; 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 project cost being \$160,000 with funds provided from Amended Substitute House Bill 618 (Utilities and Renovation--1977-79 Biennium).

Upon motion of Mr. Harrod, 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. 78-80

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following project are presented for approval:

UTILITY TUNNEL REPAIRS - PHASE I

- Project: Repair of structural defects in utility distribution tunnels due to deterioration.
- Funding: H.B. 618, Utilities and Renovation 1977-79 Biennium
- Estimated Project Cost: \$230,000.00

February 3, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, 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. 78-81

Synopsis: A contract has been awarded for one project to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures for the following project:

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE III

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 and II of this project by the Department of Administrative Services, Division of Public Works.*
Estimate of Cost:	\$550,000*

*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 the work on the Central Campus Energy Control Center.

February 3, 1978 meeting, Board of Trustees

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

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE III (contd)

Total Project Cost:	\$550,000*
Awarded to:	Johnson Controls, Inc. (Columbus, Ohio)*
Total Contingency Allowance:	Not Applicable
Funding:	H.B. 618 (Utilities and Renovation 77-79 Biennium)

*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 the work on the Central Campus Energy Control Center.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, a construction project was bid, a contract was recommended for award, and the expenditure of project funds is hereby reported.

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

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SALE OF PROPERTY--LOT 184, GENEVA-ON-THE-LAKE, OHIO

Resolution No. 78-82

Synopsis: Sale of Lot 184, Geneva-on-the-Lake, Ohio, is proposed.

WHEREAS the University has been provided an opportunity to sell an undivided one-half interest in the following property which has been held in the University Endowment Portfolio:

Situated in the Township of Geneva, County of Ashtabula, and State of Ohio, and known as being Sublot 184 in "The J. C. Palmer Realty Company's Palmetto Beach Allotment" of original Geneva Township Lot 47, as shown by the recorded plat in Volume 8, pages 3, 4, 5 and 6 of the Records of Maps of Ashtabula County, Ohio; and

WHEREAS the University, through the Development Fund, was named as a residual beneficiary in the Ivot Spafford Estate and received in 1976 an undivided one-half interest in Lot 184, Geneva-on-the-Lake; and

February 3, 1978 meeting, Board of Trustees

SALE OF PROPERTY--LOT 184, GENEVA-ON-THE-LAKE, OHIO (contd)

WHEREAS a firm offer has been received from buyers Matthew T. and Mary A. Jones to purchase the gift property; and

WHEREAS Mrs. Alice Spafford, co-owner, has given her consent to sell and authorization for the University to proceed on her behalf; and

WHEREAS the University and Alice Spafford are in mutual agreement as to selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell the University's undivided one-half interest in 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.

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

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EASEMENT - OHIO POWER COMPANY

Resolution No. 78-83

Synopsis: Electrical Easement on Newark Regional Campus is being proposed.

WHEREAS the University has received a request from the Ohio Power Company for an electrical easement to construct an underground electrical line to serve the building under Phase III construction on the Newark Regional Campus; said underground electrical line shall be constructed within the limits of a 10-foot strip of land commencing in the northwest quadrant of the Newark Regional Campus, being approximately 514 feet south in distance, with a deflection angle east at the southwest end of the strip, said segment contains a 10-foot strip of land 175 feet in length; 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 Department of Public Works, 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 Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 3, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE

VISION CARE GROUP INSURANCE PROGRAM

Resolution No. 78-84

Synopsis: Vision Care Group Insurance Program is proposed.

WHEREAS, as Vice Chairman of the Fiscal Affairs Committee, the following resolution is presented based on the recommendation of the Administration of this University that a group vision care insurance program be established for all of the regular employees of the University.

WHEREAS it was further recommended that this program provide, for regular employees and participating dependents, the following eye care insurance benefits no more than once during any consecutive 24 months;

Vision Examination	\$ 20
Lenses	
Single	20 per pair
Bifocals	32 per pair
Trifocals	44 per pair
Lenticular	55 per pair
Contacts (for medical reasons)	150 per pair
Frames	20 per frame

WHEREAS the University prepared group vision care insurance specifications and requested quotations from thirty-three insurance firms and received quotations from nine carriers, which were opened and publicly read on November 30, 1977; and

WHEREAS the appropriate administrative offices of the University have evaluated and received these quotations and have concluded that Ohio Medical Indemnity, Inc., (Blue Shield) has submitted the most favorable quotation:

NOW THEREFORE

BE IT RESOLVED, That Ohio Medical Indemnity, Inc., be designated as carrier for the University's group vision care insurance program at a monthly premium of \$1.31 per member and an estimated annual premium of \$224,652 of which \$8,536 is to be paid by the Ohio Agricultural Research and Development Center for their participation in the program with coverage for dependents available on an optional basis provided at least 50 per cent of those eligible to enroll do so and a monthly premium for the dependent coverage will be--spouse, \$1.31; spouse and children, \$3.74--to be paid by the participating individuals; and

February 3, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

VISION CARE GROUP INSURANCE PROGRAM (contd)

BE IT FURTHER RESOLVED, That this coverage be awarded to Ohio Medical Indemnity, Inc., for a two-year period effective April 1, 1978, with premiums and the performance of the carrier reviewed annually with the insurance contract remaining in force after the initial two-year term until the Board of Trustees deems it appropriate to seek new quotations.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, 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. 78-85

Synopsis: Construction of a Veterans Administration Clinic is proposed.

WHEREAS the Veterans Administration will be relocating clinic services currently housed in Campus facilities so as to be able to combine all of the clinical activities in Franklin County in one facility; and

WHEREAS the General Services Administration, acting as the agent of the Veterans Administration, has invited this University to submit a proposal for providing such a clinical facility; and

WHEREAS the Administration at the direction of this Board has developed a proposal which would require the use of Endowment funds for financing the construction of such a facility which would be leased to the Veterans Administration for a ten-year period with two 5-year renewal options; and

WHEREAS four contractors were selected for interview in connection with this project, and after careful consideration one contractor, Six Industries, was selected to assist the University in preparing a proposal to the General Services Administration for this purpose; and

WHEREAS the Fiscal Affairs Committee and Educational Affairs Committee each reviewed the proposal and recommended its acceptance:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to present the proposal to the General Services Administration for providing clinic space for the Veterans Administration; and

February 3, 1978 meeting, Board of Trustees

CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC (contd)

BE IT FURTHER RESOLVED, That if this proposal is accepted by the General Services Administration on behalf of the Veterans Administration that a commitment from University Endowment funds up to \$3,500,000 be made available to construct such a facility; and

BE IT FURTHER RESOLVED, That Six Industries be selected as the contractor to manage the design-construction of this facility should the University's proposal be accepted by the General Services Administration.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-86

RESOLVED, That the report on the University's Investment Portfolio dated January 31, 1978, 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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**SHARING OF SERVICES WITH TECHNICAL COLLEGES
AT REGIONAL CAMPUSES**

Resolution No. 78-87

Synopsis: Authorization to revise agreements with technical colleges for sharing facilities and services and drawing upon advice and counsel of Citizens Councils is being proposed.

WHEREAS The Ohio State University continues in its commitment to provide educational opportunity on its regional campuses at Lima, Marion, Mansfield, and Newark; and

WHEREAS technical colleges, created under Ohio law to provide technical education for citizens of those regions, share facilities accepted by The Ohio State University from the citizens of those regions and the State; and

WHEREAS the Citizens Councils of these regional campuses have provided an invaluable source of advice and counsel in the development of the regional campuses; and

WHEREAS experience has shown the need for greater local authority in exploring opportunities for the sharing of services and a clear need for closer coordination at a local level between the Citizens Councils, representing the University, and the technical college Boards of Trustees:

February 3, 1978 meeting, Board of Trustees

**SHARING OF SERVICES WITH TECHNICAL COLLEGES
AT REGIONAL CAMPUSES (contd)**

NOW THEREFORE

BE IT RESOLVED, That the administration of The Ohio State University is hereby authorized to revise agreements with those technical colleges which share facilities with its regional campuses to facilitate a maximum sharing of services and facilities, drawing upon the advice and counsel of the Citizens Councils; and

BE IT FURTHER RESOLVED, That the Board of Trustees of each technical college be invited to join with the appropriate Citizens Council to form a Joint Conference Committee (a) to monitor and report to the Trustees of each institution annually concerning opportunities for the sharing of services and facilities and (b) to mediate in cases of administrative disputes concerning the sharing of said services between the two institutions.

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

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UNIVERSITY PROPERTIES

Mr. Gushman made the following statement:

I have one matter that I would like to bring to the attention of the Board. We have been concerned with the budget problems we have had for years about the various properties that this University owns other than our educational facilities at the regional campuses and at the main campus and I have asked Dr. Moulton and his staff to prepare for the Board a summary of all such properties currently owned by the University outside of Franklin County. This will be distributed to you today. In addition, since we focused attention on this problem, an administrative committee has been established which consists of the Provost, the Vice President for Business and Administration, and the Executive Assistant to the President and Director of Budget and Resources Planning--not just take this report and file it which would not get us anywhere--but to come up with recommendations on each specific property as to whether it is producing income, is it needed, and should it be retained? Hopefully, this will focus attention on this problem which has been of concern to me, Mr. President, for quite a few years. No action is required now. I hope you will take this report and give it some study and then Dr. Moulton, I understand you will come back to us through the President with separate recommendations on what you believe would be the best interests of the University.

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February 3, 1978 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

APPENDIX II

**Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
March 16, 1978**

HONORARY DEGREE

PHILIP HANDLER
Doctor of Science

You have held up excellence as the hallmark of your life as student, teacher, scientist, scholar, author, editor and professional person. As a national and international leader in the world of science, you have maintained the same high standards in defending the integrity of the scientist's search for new knowledge, attacking the intrusion of political interference in the opportunity to search and upholding the loftiest ideals of freedom and achievement in higher learning.

Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Ninety-three candidates

William Butler Abernathy, Chillicothe; B.A. (Florida State University); M.A. (George Peabody College); Psychology; Dr. David Hothersall

Hernán Enrique Acosta Falcón, Valencia, Venezuela; Economista (University of Carabobo); M.B.A. (University of Wisconsin); *Interdisciplinary: Economics, Agricultural Economics, Rural Sociology, Preventive Medicine and Education*; Dr. Samuel C. Kelley, Jr.

Harold Paul Anderson, Mountainview, Calif.; B.A. (Villanova University); M.A.; History; Dr. John C. Rule

Robert Kwaku Anim, Nkawkaw, Ghana; B.S. (Ag.) (Tuskegee Institute); M.S.; Agricultural Education; Dr. Robert W. McCormick

Maria Grevenioti Babajimopoulos, Chrysopolis, Greece; Ptychion (Aristotelian University); M.S.; Food Science and Nutrition; Dr. Emil M. Mikolajcik

Elliot David Baker, Columbus; B.A. (University of Pennsylvania); M.S.; Biophysics; Dr. Carl R. Ingting, Jr.

Dorothy Johnson Bergamo, Phoenix, Ariz.; Ph.B. (University of Chicago); B.F.A. (School of the Art Institute of Chicago); M.A. (Northwestern University); Art Education; Dr. Arthur D. Eland

Donald Gerald Bergmann, Kalamazoo, Mich.; B.S. (Michigan State University); Microbiology; Dr. David A. Wolf

Anandbir Singh Bhatia, New Delhi, India; B.Tech. (Indian Institute of Technology, Delhi); Civil Engineering; Dr. Kamran Majidzadeh

Catherine Bicknell, Columbus; B.A. (Wellesley College); M.A.; Romance Languages and Literatures; Dr. Pierre Astier

Patricia Rae Blum, Dayton; B.S., M.S. (Wright State University); Chemistry; Dr. Devon W. Meek

Earl Bruce Brookbank, III, Columbus; B.S., M.S.; Mechanical Engineering; Dr. Lynn L. Faulkner

Kathleen Anne Buntin, Columbus; B.A. (Westminster College); M.A. (Middlebury College); German; Dr. Charles W. Hoffman

Janie Ann Campanzini, Flushing; B.S. (Ohio University); M.A.; Education; Dr. John C. Belland

Ronald Stephen Carroll, Rochester, N. Y.; B.S.Ed. (Bowling Green State University); M.S. (Syracuse University); Physical Education; Dr. Charles L. Mand

Cornelius John Casey, Jr., Columbus; B.S. (University of Delaware); M.Acc.; Accounting; Dr. Thomas J. Burns

Ming Jen Wu Chang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan Normal University); M.S.; Physiological Chemistry; Dr. Thomas E. Webb

Ronald Curtis Chatfield, Columbus; D.V.M., M.S.; Veterinary Physiology and Pharmacology; Dr. Roger A. Yeary

Cheng-Hsiung Chiu, Hualien, Taiwan, R.O.C.; B.A.Econ. (National Taiwan University); M.A.; Economics; Dr. William G. Dewald

Mark David Cocker, Austin, Tex.; B.A. (Lafayette College); M.S.; Geology and Mineralogy; Dr. Ernest G. Ehlers

Charles Edward Colson, Brodhead, Ky.; B.A. (Berea College); Chemistry; Dr. Michael H. Klapper

Kent Bertram Davies, Worthington; B.S.M.E. (Case Institute of Technology); M.S.M.E. (Southern Methodist University); Engineering Mechanics; Dr. Alt E. Engin

Donald Eugene Day, Lockhaven, Pa.; B.A. (DePauw University); M.A. (Miami University); History; Dr. Merton L. Dillon

Karen Boatman Ekelman, North Royalton; B.S. (Ohio University); Developmental Biology; Dr. George E. Milo, Jr.

Gilbert Martin Fornaciari, Winona Lake, Ind.; B.A. (George Williams College); M.A. (Ball State University); Agricultural Economics and Rural Sociology; Dr. Ted L. Napier

Morris Frommer, Toledo; B.A., M.A.; History; Dr. Marvin R. Zahniser

Sheung Chun Fu, Hong Kong; B.Sc. (Fresno State College); Physiological Chemistry; Dr. Lloyd A. Horrocks

William Carroll Goldwair, Jr., Louisville, Ky.; B.S. (Kentucky State University); M.S. (Indiana University); Education; Dr. William D. Dowling

Roland Francis Haag, Cleveland; A.B. (John Carroll University); M.A.; Classics; Dr. Mark P. O. Morford

Joanne Kay Haines, Akron; B.A., M.A. (University of Akron); Education; Dr. Anthony C. Riccio

Barbara Harrod Handmacher, Columbus; B.S. (Northwestern University); M.A.; Education; Dr. Donald J. Tosi

Richard Leon Hillard, Shelby; A.B. (Ohio University); History; Dr. Bradley Chapin

JoAnn Schickel Hilliker, Columbus; B.S., M.S. (University of Kentucky); Home Economics; Dr. Lois E. Dickey

Dennis Charles Hollins, Buffalo, N. Y.; B.A. (Hampton Institute); M.A.; Communication; Dr. Paul V. Peterson

Thomas John Husak, Cleveland; B.M.Ed. (Baldwin Wallace College); M.Ed. (Kent State University); Music; Dr. A. Peter Costanza

Andrew Susumu Imada, Kahului Maui, Hawaii; B.A. (University of San Francisco); M.S.; Psychology; Dr. Milton D. Hakel

Stephen Richard Jacobson, Scarsdale, N. Y.; B.S. (Dickinson College); A.M. (Harvard University); Geology and Mineralogy; Dr. Stig M. Bergstrom

Stephen Karakouzian, Blacksburg, Va.; B.E. (American University of Beirut); M.S., M.B.A.; Civil Engineering; Dr. Kamran Majidzadeh

James Oliver Keith, Lakewood, Colo.; B.A. (University of California at Berkeley); M.S. (University of Arizona); Zoology; Dr. Tony J. Peterle

Douglas Flemming Kennard, Lima; B.S. (Ball State University); M.A.; Education; Dr. Roger T. Cunningham

Randall Howard King, Fairborn; B.S.Bus. Adm., M.A.; Economics; Dr. Herbert S. Parnes

Linda Smith Knight, Columbus; B.S.H.E.; Home Economics; Dr. Jean D. Dickerscheid

Hai-Ping Ko, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S., M.S.; Mathematics; Dr. Dijen K. Ray-Chaudhuri

Kristine Rae Koster, Westerville; B.A. (Michigan State University); M.A. (Bowling Green State University); Education; Dr. Vance W. Cotter

Gary Allen Kreuchauf, Columbus; A.B. (University of Michigan); M.A.; Psychology; Dr. George G. Thompson

Thomas James Lasley, II, Columbus; B.S.Ed., M.A.; Education; Dr. Charles M. Galloway

William Hunt LeGrande, Stonewall, La.; B.S., M.S. (Louisiana State University and A. & M. College); Zoology; Dr. Ted M. Cavender

Alfred Harvey Lerch, Columbus; B.A. (Cleveland State University); M.A.; Education; Dr. Herman J. Peters

Albert Wen-Chang Lin, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Chemistry; Dr. Theodore Kuwana

Jane Tiffany Lovett, Columbus; B.S.; Mathematics; Dr. Hans J. Zassenhaus
Robert Merrill Loyd, Mt. Vernon; B.S., M.S.; Zoology; Dr. Roy A. Tassava

Stephen Anthony Ludwig, Cleveland; B.A. (DePauw University); M.S. (Ohio University); Physiological Chemistry; Dr. Howard W. Sprecher

Nerina Aires Coelho Marques, Belo Horizonte, Brazil; Bach, em Ciências Dom. (University Rural do Estado de Minas Gerais); M.S.; Home Economics; Dr. Fern E. Hunt

Robert G. Meeks, Westerville; B.A. (Otterbein College); Pharmacology; Dr. Daniel Court

William Elliott Meyers, Columbus; B.S.; Biochemistry; Dr. Garfield F. Royer

Dennis Frank Michaels, Lorain; B.S.Ed. (Bowling Green State University); M.A. (University of Toledo); M.Ed. (Cleveland State University); Education; Dr. William D. Dowling

Michael Nicholas Milone, Jr., Folcroft, Pa.; B.A. (LaSalle College); M.A. (Gallaudet College); Education; Dr. Samuel C. Ashcroft

John Paul Morgan, Columbus; B.S.Agr., M.A.; Agricultural Education; Dr. J. Robert Warmbrod

Gary Wesley Morris, Columbus; B.A., M.A. (University of Texas); Psychology; Dr. Paul D. Isaac

Jill Helene Mushkat, Westerville; A.B., M.A. T. (Washington University); Education; Dr. Herman J. Peters

Madhavarao Nagarajan, Madras, India; B.Sc. (Madras University); M.Sc. (Indian Institute of Technology); *Chemistry*; Dr. Harold Shechter

Richard Joseph Neff, Westerville; B.A., M.A.; *Education*; Dr. Gilbert A. Jarvis

Susan Waldron Newkirk-Sanborn, Kettering; A.B. (Radcliff College); M.A.; *Psychology*; Dr. Charles Wenar

Daniel O. Ogunbiyi, Ondo, Nigeria; B.A. (University of Ife); M.A.; *Physical Education*; Dr. Bruce L. Bennett

Jerome Quarterman, Cleveland; B.S. (Savannah State College); *Physical Education*; Dr. Daryl Siedentop

Donald Louis Raiff, Columbus; B.S., B.A. (University of Dayton); M.A.; *Economics*; Dr. William G. Dewald

Fred E. Rhoton, Moss, Tenn.; B.S. (Tennessee Technological University); M.S. (University of Tennessee); *Agronomy*; Dr. Neil E. Smeck

Barbara Anne Robinson, Lorain; B.F.A. (Bowling Green State University); M.A. (Columbia University); *Art Education*; Dr. Arthur D. Efland

Mary Isobel Rosner, Saugerties, N. Y.; B.A. (State University of New York College at New Paltz); M.A.; *English*; Dr. Richard D. Altick

Timothy Patrick Ryan, New Orleans, La.; B.A. (Louisiana State University and A. & M. College); M.A.; *Economics*; Dr. Frederick D. Stocker

Louis Edgar Sahr, Columbus; B.S. (Allegheny College); M.S.Phys. (Case Western Reserve University); M.S.; *Industrial and Systems Engineering*; Dr. Richard A. Miller

Carol Anne Sainey, Lancaster; B.S.Ed. (Ohio University); M.A.; *History*; Dr. Philip P. Poirier

Earl Russell Schaeffer, Columbus; B.S.Ed.; M.A.; *Education*; Dr. William D. Dowling

John Warner Scott, Churchville, N.Y.; B.S., M.S. (Michigan State University); *Horticulture*; Dr. Dale W. Kretchman

Sandra Lynn Shullman, Columbus; B.A. (Dickinson College); M.Ed. (Harvard University); *Psychology*; Dr. Frank M. Fletcher

Alexander Forward Smith, Columbus; B.A. (Denison University); M.S. (Ohio University); *Education*; Dr. Philip A. Tripp

Willis Hess Snow, Wyoming, Mich.; B.S., M.S. (Utah State University); *Political Science*; Dr. Donald S. Van Meter

Maro Ran-Ir Söndahl, Sao Paulo, Brazil; M.S. (Universidade de Sao Paulo); *Microbiology*; Dr. William R. Sharp

Sister Diana Paula Stano, Pepper Pike; A.B. (Ursuline College); *Education*; Dr. Robert W. Howe

Robert Szentirmay, Youngstown; B.S., M.S. (Youngstown State University); *Chemistry*; Dr. Theodore Kuxana

Joseph Louis Taraba, Columbus; B.Ch.E., M.S.; *Chemical Engineering*; Dr. John T. Heibel

Kwoliang David Tau, Columbus; B.S. (National Chung-Hsing University); M.S.; *Chemistry*; Dr. Devon W. Meek

Mustafa Ahmad Ukayli, Riyadh, Saudi Arabia; B.S., M.S. (American University of Beirut); *Geology and Mineralogy*; Dr. Wayne A. Pettyjohn

David Gordon Ullman, Columbus; B.S., M.S. (University of Cincinnati); *Mechanical Engineering*; Dr. Henry R. Velkoff

Daniel Attilio Valleria, East Liverpool; B.S., M.S.; *Microbiology*; Dr. Matthew C. Dodd

Nicholas Vontolos, Columbus; B.A., M.A.; *Slavic Languages and Literatures*; Dr. David F. Robinson

Harold Elmore Wade, College Park, Ga.; A.B. (Stillman College); M.A. (University of Alabama); *Education*; Dr. Jack R. Frymier

Kathleen Barkmeyer Wallace, Dayton; B.S. in Ed. (University of Dayton); *Communication*; Dr. Robert W. Wagner and Dr. Thomas A. McCain

Shin Min Patrick Wang, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); M.S.; *Mathematics*; Dr. Richard M. Wilson

Robert Wilbert Whisman, Columbus; B.S.Ed., M.A.; *Education*; Dr. Aaron J. Miller

Paula Sachs Wise, Cleveland; B.A. (University of Cincinnati); M.A.; *Psychology*; Dr. Fred L. Damarin

Sai Chi Wong, Fresno, Calif.; B.S. (Fresno State College); *Chemistry*; Dr. Gideon Fraenkel

Stanley Dean Wood, Lancaster, Pa.; B.S. (Eastern Nazarene College); M.F.A. (Ohio University); *Music*; Dr. A. Peter Costanza

Master of Accounting

Five candidates

David R. Albert, Muskegon, Mich.; B.S.E. (University of Michigan); *Accounting*

Lovenia Marie Maddox, Franklin Furnace; B.S.Ed.; *Accounting*

James Allen Schubert, Oberlin; M.B. (Oberlin College); *Accounting*

Michael J. Stevenson, Euclid; B.S.Bus.Adm.; *Accounting*

Mas Lin Wang, Taipei, Taiwan, R.O.C.; B.A. (National Chung-Hsing University); *Accounting*

Master of Architecture

One candidate

Rakesh Sharma, Chandigarh, India; B.Arch. (Panjab University); *Architecture*

Master of Arts

One hundred and twenty-four candidates

Elinor Coe Adams, Woodstock; B.S.Ed.; *Education*

Mark Sherwin Bach, Westerville; B.S.Ed. (Otterbein College); *Education*

Carolyn Kaye Beebe, Farmersville; B.S.Ed. (Capital University); *Education*

Gladys Berger, Columbus; B.S.N. (Northwestern State College of Louisiana); *Health Education (Physical Education)*

Robert Michael Bernstein, Brooklyn, N. Y.; B.S. (Union College); *Psychology*

Sharon Suzanne Besanceney, Newark; B.A. (College of William and Mary); *Education*

Margaret Bogenschutz, Euclid; B.A. (Ohio Dominican College); *Education*

Gail Kathryn Bostian, Charlotte, N. C.; B.A. (University of North Carolina); *Romance Languages and Literatures*

Anne Titus Bostwick, Columbus; B.A. (Hunter College); *Education*

Timothy Lee Bosworth, Columbus; B.A. (Cedarville College); *Education*

Constance N. Brody, Mansfield; B.S.; *Education*

Theodore Lee Brunell, Kingsville; B.S.Ed. (Kent State University); *Education*

Donna Marie Carretto, Springfield; B.A. (University of Montevallo); *Music*

Thelma Bondurant Catron, Columbus; B.A. Ed. (West Virginia State College); M.S.W.; *Public Administration*

Philip W. Coit, Columbus; B.A. (University of Massachusetts); *Photography and Cinema*

Melva Joan Smith Colegrove, Columbus; B.S.Ed.; *Education*

Joyce Ann Coleman, Greensburg, Pa.; B.S. (Clarion State College); *Communication*

Cheryl M. Cummins, Mansfield; B.A. (Wittenberg University); *Education*

Edward E. Davis, Minford; B.S.Ed. (Ohio University); *Education*

John Allard Dearing, Jr., Thornville; B.S.Ed.; *Education*

Jan Holt Dearth, Groveport; B.S.Ed.; *Education*

Deborah Kay Denny, Cambridge; B.A. (Marietta College); *Education*

Arlene H. DeRienzo, Zanesville; B.S. (Southern Illinois University); *Psychology*

Pamela K. D'huyvetter, Sunbury; B.S.Ed., M.S.; *Public Administration*

Ellen Lynn Dietch, Columbus; B.S. (Ohio University); *Communication*

William Edward Estell, Columbus; B.S.Ed. (Ohio University); *Education*

David J. Evans, Gahanna; B.A. (Otterbein College); *Education*

Karen Fulker Eye, Columbus; B.A.; *Public Administration*

F. Jane E. Faehle, Columbus; B.S.Ed.; *Education*

Carol A. Folkerth, Columbus; B.A.; *History*

Robert W. Forsblom, Columbus; B.A. (Oberlin College); *Public Administration*

Christopher R. Gabel, Parkesburg, Pa.; B.A. (Pennsylvania State University); *History*

- Eduard Gliha-Vidmar, Cleveland;
B.A. (Borromeo College of Ohio);
Philosophy
- Rosetta L. Gooden, Mattapan, Mass.;
B.A. (West Virginia State College
Institute); *Education*
- Michael D. Gordon, Columbus;
B.S.Ed.; *Education*
- Sally Werner Gross, Wapakoneta;
B.S.H.E.; *Education*
- Sally Wolfendane Hannahs, Granville;
B.S.Ed.; *Education*
- Anthony B. Harris, Philadelphia, Pa.;
B.S. (University of South Carolina);
Physical Education
- Karen Lois Haswell, Louisville, Ky.;
B.S. (Centre College of Kentucky);
Psychology
- Stephen C. Heinrichs, Greenville;
B.S.Ed.; *Physical Education*
- Gwendolyn Harris Herrell, Columbus;
B.S.Ed.; *Education*
- Martha Lynne Hill, Worthington;
Cert.Grad.Dent.Hyg., B.S.Ed.; *Education*
- John Joseph Hoffman, Columbus;
B.S.Ed.; *Education*
- Kenneth Alan Holstein, Springfield;
B.A. (Olivet Nazarene College); *Psychology*
- Irene C. Ihas, Summit, N. J.;
A.A. (Pasadena City College); B.A.Ed.
(University of Michigan); *Education*
- Paul G. Imhoff, Columbus;
B.A., M.A. (University of Maryland);
Journalism
- Elizabeth Infanger, Columbus;
B.A. (Albertus Magnus College);
Romance Languages and Literatures
- Louis Anthony Jannazo, Cleveland;
B.A. (John Carroll University);
Public Administration
- Jeanene Marie Johnson, Rayland;
B.S. (Carlow College); *Communication*
- David Alden Jones, Zanesville;
B.A. (Ohio University); *Psychology*
- Gregory Lynn Jones, Barnesville;
A.B. (West Liberty State College);
Education
- Marilyn Kampe, Columbus;
B.A.; *English*
- Carolyn Ritter Kellenberger, Gahanna;
B.S.Ed.; *Education*
- Michele Anne Kelley, Columbus;
B.A. (University of Akron); M.S.W.;
Public Administration
- Michael J. Kennedy, Bellefontaine;
B.S.Ed.; *Education*
- Shara Sokol Kernan; Birmingham, Ala.;
B.S. (University of Maryland); *Psychology*
- Gail Gelburd Kimler, Queens, N. Y.;
B.A. (Queens College); *History of Art*
- Gale F. Kingsley, Muskegon, Mich.;
B.S. (Michigan State University);
Education
- James R. Kinker, Jr., Waverly;
B.A. (Capital University);
Physical Education
- Elizabeth Case Kirk, Columbus;
B.S.Ed.; *Education*
- Joseph Stanislaus Koczaja, Depew, N. Y.;
B.A. (State University of New York College
at Buffalo); *Psychology*
- Tien-Ying Lee, Yang-Mei, Taiwan, R.O.C.;
B.Sc. (National Taiwan University);
Education
- Clare Dei Lewandoski, Columbus;
B.S.Ed.; *Education*
- Russell Arthur Lewis, Twinsburg;
B.A.; *Education*
- Pamela Suzanne Linehan, Columbus;
B.A. (Webster College); *Art Education*
- Linda Darnelle Lynch, Enfield, N. C.;
B.A. (North Carolina Central University);
English
- Maryanne Lynch, Clark, N. J.;
B.A. (Kean College of New Jersey);
Communication
- Mary Calsin Mahoney, Westerville;
B.A. (Ohio Dominican College); *Education*
- Joan G. Malarkey, Columbus;
B.A. (Pennsylvania State University);
Education
- Henry Andrew Martin, Columbus;
B.S.Ed.; *Education*
- James P. Mayes, New York, N. Y.;
A.B. (Princeton University); *Black Studies*
- Jean Hoover McLearn, Greenville;
B.S.Ed.; *Education*
- Jennifer C. Miles, Columbus;
B.A. (University of London, England);
Public Administration
- Michael Scott Miller, Toledo;
B.A.; *Romance Languages and Literatures*
- Norma Leigh Miller, Portsmouth;
B.A. (Ohio University);
Public Administration
- Suzanne E. Minnich, Columbus;
B.S.Ed.; *Education*
- Michele M. Montavon, Columbus;
B.A. (Miami University);
Public Administration
- Rod Moore, Dayton;
B.A. (Miami University); D.D.S.;
Education
- Michael M. Morris, Springfield;
A.B. (Cornell University); *German*
- Raymond J. Mussio, Columbus;
B.A.; *Public Administration*
- Nevalyn fritsche Nevil, Columbus;
B.A. (Otterbein College); *Education*
- Bonnie Korngold O'Brien, Berwick, Pa.;
B.S.Ed. (University of Nebraska);
Art Education
- Mary Jane O'Brien, Columbus;
B.A.; *Public Administration*
- Charles Francis O'Connell, Jr.,
Buffalo, N. Y.; B.A. (Canisius College);
History
- Beverly A. Orr, Columbus;
B.A.; *History of Art*
- Darlene Matsko Poirier, Worthington;
B.A.Ed. (William Paterson College);
Education
- Sharon Mitchell Pottebaum,
Champaign, Ill.; B.S.Ed.;
Health Education (Physical Education)
- Mark Ewart Prieue, Palo Alto, Calif.;
A.B. (Stanford University);
Political Science
- Marthenia M. Prior, Westerville;
B.S. (Phillips University); *Education*
- Bruce Hollis Randolph, Evanston, Ill.;
B.A. (University of Miami); *Journalism*
- Joseph Robert Rice, Mansfield;
B.S.Ed.; *Education*
- Gloria Ellen Richards, Toledo;
B.A.; *English*
- Carol Lee Ritz, Youngstown;
B.S.Ed. (Youngstown State University);
Education
- Travella Welch Roosz, Worthington;
B.A. (Bethany College); *Education*
- Rosalyn E. Rosen, Lorain;
B.S.Soc.Wel.; *Education*
- Clifford Victor Sagendorf, Columbus;
B.A. (University of Vermont); *Education*
- Marcy Samuel, Philadelphia, Pa.;
B.A. (Temple University); *Education*
- Martin D. Saperstein, Livingston, N. J.;
B.A. (George Washington University);
Political Science
- Fredrick Jay Saull, Jr., Marion;
B.S.Ed.; *Education*
- Deborah Beth Schaffer, Fredonia, N. Y.;
B.A. (University of Rochester); *Linguistics*
- Lois Ann Sellers, Jeromesville;
B.A. (Lake Erie College); *Education*
- Nancy Jo Siciak, Galion;
B.S.Soc.Wel.; *Public Administration*
- Hishmat Hassan Sid-Ahmed,
Stillwater, Okla.; B.A. (Khartoum
University); *Black Studies*
- Judith Godwin Sinsel, Grafton, W. Va.;
A.B. (Fairmont State College); *Music*
- Rodney Kent Spain, Marysville;
B.A. (Urbana College); *Journalism*
- Jennifer H. Stewart, Zanesville;
B.A. (Muskingum College);
Romance Languages and Literatures
- Jeanne Staiger Sutton, Gettysburg, Pa.;
B.S.Nurs.; *Health Education (Physical
Education)*
- Margaret Ann Roels Talarico, Columbus;
B.A. (Catholic University of America);
Public Administration
- Aungsamal Tamavimok,
Bangkok, Thailand; B.S.Ed.
(Chulalongkorn University); *Education*
- Angelos Constantin Thermos,
Athens, Greece; Grad.Crim.Law and Eng.
Leg. Term (Aristoteles University);
Grad.Soc. and Comp. Public Law
(University of Thessaloniki); *Sociology*
- Supansiri Trachukul, Bangkok, Thailand;
B.Ed. (Chulalongkorn University);
Education
- Gwendolyn Renfrew Tracy, Lexington;
B.S.Ed.; *Education*
- Christine L. Tropeck, New Lexington;
B.S.Ed. (Ohio University); *Education*
- Kathy L. Tschofen, Westerville;
B.S.Ed.; *Education*
- Franklyn Emerson Tyler, Columbus;
B.A., M.S.W.; *Public Administration*
- Alexander Vostok, Yonkers, N. Y.;
B.A. (Saint Louis University);
Slavic Languages and Literatures

Barbara Gesell Walters, Grundy Center, Ia.;
B.A. (Boston University);
Public Administration

Christopher F. Wanner, Columbus;
B.S.Ed.; *Education*

Neal R. Warling, Casstown;
B.A.; *Public Administration*

Enid J. Weaver, Columbus;
B.A. (Roosevelt University); *Education*

Susan Joan Westphal, Amesbury, Mass.;
B.A. (University of Massachusetts);
Education

Maria Rosa Olivera de Williams,
Montevideo, Uruguay; B.A. (University of
Toledo); *Romance Languages and
Literatures*

Austin Wilson, Columbus;
B.S.Soc.Wel.; *Education*

William Allen Zornes, Newark;
B.Mus.Ed.; *Education*

Master of Business Administration

Thirty-four candidates

David George Ahnmark, Lima;
A.B. (Miami University);
Business Administration

David E. Bechtol, Coshocton;
B.S.Bus.Adm.; *Business Administration*

Paula M. Bowen, Beaulville, N. C.;
B.S. (North Carolina A. and T. State
University); *Business Administration*

David Lee Brown, Independence, Mo.;
B.S. (University of Missouri); M.S., Ph.D.;
Business Administration

Bruce A. Burrey, Columbus;
B.S.Bus.Adm.; *Business Administration*

George Dean Egon, Chicago, Ill.;
B.S.Bus.Adm. (University of Illinois);
Business Administration

William E. Fallon, Kenmore, N. Y.;
B.S.B.A. (University of Notre Dame);
Business Administration

Randy George Farrar, Broadview Heights;
B.A.; *Business Administration*

John Patrick Gamble, Canton;
B.S.Bus.Adm.; *Business Administration*

Robert Perkins Gordon, Cleveland;
B.A. (Ohio Wesleyan University);
Business Administration

Anurakumara Dias Senarath Gunasekera,
Colombo, Sri Lanka;
Business Administration

Nicholas R. Havill, New Carlisle;
B.S.W.E.; *Business Administration*

John M. Jermier, Columbus;
B.S. (University of Wisconsin); M.A.;
Business Administration

Carlton Don Johnson, Jr., Lancaster;
B.S. (Kent State University); M.A.
(University of Illinois); *Business
Administration*

Jaqueline Gladys Keillor,
Kingston, Ont., Canada; B.A., Diploma Ed.
(University of Western Ontario);
Business Administration

David John Kennedy, Olmsted Falls;
B.S.Nat.Res.; *Business Administration*

Samuel Jay Kletter, Hallandale, Fla.;
B.A.; *Business Administration*

David H. Linnenkohl, Dayton;
B.A. (Kenyon College); M.S.;
Business Administration

A. David Maggiore, Canton;
B.S.B.A. (University of Akron);
Business Administration

Dennis Lee McCloskey, Westerville;
B.S.Bus.Adm.; *Business Administration*

Michael D. McGrane, Toledo;
B.S.Bus.Adm.; *Business Administration*

Gerald G. Newborg, Columbus;
B.A. (Concordia College); M.A.
(University of North Dakota); *Business
Administration*

David Scott Owens, Brecksville;
B.S.Bus.Adm.; *Business Administration*

John George Packo, III, Toledo;
B.A. (University of Notre Dame);
Business Administration

James William Payne, Galena;
B.S.Bus.Adm.; *Business Administration*

Michael Lee Rogers, Carbondale, Ill.;
B.S. (University of Illinois);
Business Administration

Wayne Carl Schultz, Cincinnati;
B.A. (University of Cincinnati);
Business Administration

Willie Mason Swoope, Decatur, Ala.;
B.S. (Fisk University);
Business Administration

Raymond Dale Tallman, II, Columbus;
B.S.M.E.; *Business Administration*

Harsh Vardhan, New Delhi, India;
B.S., M.A. (Northern Michigan
University); *Business Administration*

Paul Widman, University Heights;
B.S.B.A. (Ohio University);
Business Administration

Joel William Wilson, Columbus;
B.A. (Bowling Green State University);
Business Administration

David A. Withey, South Bend, Ind.;
B.S. (Furdue University);
Business Administration

George Michael Zelein, Hebron;
B.I.E.; *Business Administration*

Master of City and Regional Planning

Five candidates

Subrata Basu, Calcutta, India;
B.Arch. (Indian Institute of Technology);
M.Arch.; *City and Regional Planning*

Martha N. Brown, Normal, Ill.;
B.A. (Elmhurst College);
City and Regional Planning

David J. Fekete, Martins Ferry;
B.S.Ed. (Ohio University);
City and Regional Planning

Milagros Neuman Gonzalez,
Maracaibo, Venezuela; B.S.Ed.
(Universidad del Zulia); M.A.;
City and Regional Planning

Robert W. Stokes, Springfield;
B.A. (Antioch College); M.S.;
City and Regional Planning

Master of Fine Arts

One candidate

Mark Drobnis, Jamaica Plain, Mass.;
B.F.A. (Massachusetts College of Art);
Art

Master of Music

One candidate

Paula D. Harrell, Durham, N. C.;
B.A. (North Carolina Central University);
Music

Master of Public Administration

One candidate

Timothy D. Steiner, Nankin;
B.A. (Western Kentucky University);
Public Administration

Master of Science

One hundred and fifty-three candidates

¹Christopher J. Anderson, Maumee
*Agricultural Economics and
Rural Sociology*

Bruce D. Barnett, Akron;
B.A. (Washington University); *Zoology*

Mary Kathrine Bell, East Palestine;
B.S.N. (University of Maryland); *Nursing*

John A. Bellono, Jeannette, Pa.;
B.S. (University of Dayton);
Computer and Information Science

Mary Frances H. Nemmers Beno,
Wauwatosa, Wis.; B.S. (Marquette
University); *Chemistry*

Brian Robert Bimonte, Miami, Fla.;
B.S. (University of Dayton); *Mathematics*

Rebecca Jean Brandau, Amherst;
B.S.Agr.; *Animal Science*

Larry Lee Bratton, Athens;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*

John L. Brooks, Bethesda, Md.;
B.A. (Case Western Reserve University);
M.S.; *Computer and Information Science*

Rocky Douglas Calcote, Columbus;
B.S. (University of California at Davis);
Dairy Science

Eugenia Elaine Calle, Akron;
B.S.All'd.Hlth.Prof.; *Preventive Medicine*

Dorit Ayalon Chass, Haifa, Israel;
B.Sc. (University of the Negev); *Chemistry*

Alan Clifford Clark, Knoxville, Tenn.;
B.S., B.A. (University of Tennessee);
Civil Engineering

Randall Talbott Clark, Xenia;
B.S. (Furdue University);
Electrical Engineering

Mordehy Cohen, Bnei Brak, Israel;
B.S.M.E.; *Mechanical Engineering*

Helen Marguerite Cox, New Carlisle;
B.S.M.E.; *Mechanical Engineering*

¹ Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics

- Kathryn June Cox, Waverly;
B.S.H.E.; *Home Economics*
- Agiobi Nicholas Damachi,
Cross-River State, Nigeria; B.S.I.S.E.;
Industrial and Systems Engineering
- Palash Das, Poona, India;
B.Sc. (University of Poona); *Physics*
- William Chester Davenport, Jr.,
New Orleans, La.; B.S. (University of
New Orleans); *Computer and
Information Science*
- Johanna Davis, Baton Rouge, La.;
B.S. (Louisiana State University and
A. & M. College); *Computer and
Information Science*
- Surinder Kaur Dhillon, Chandigarh, India;
B.Pharm. (Panjab University); *Pharmacy*
- Gregory Scott Dillon, Columbus;
B.S.C.I.S.; *Computer and
Information Science*
- Carol E. Dixon, Yellow Springs;
B.S.Nur. (Wright State University);
Nursing
- Frank Aird Dorrance, Morrisonville, N. Y.;
B.S. (State University of New York
College at Plattsburgh); *Computer and
Information Science*
- Kathleen Marie Drew, Buffalo, N. Y.;
B.S. (State University of New York
College at Buffalo); *Allied Medical Professions*
- Kathryn Louise Duzan, Canton;
B.S. (Kent State University);
Allied Medical Professions
- Lawrence Eugene Eubanks,
West Alexandria; B.S.Agr.;
Agricultural Education
- Douglas Roy Everhart, Columbus;
B.A. (Oberlin College); *Geodetic Science*
- Mark Stephan Ewing, Zanesville;
B.S. (United States Air Force Academy);
Mechanical Engineering
- Dirk Eybl, Mannheim, West Germany;
Diploma (University of Mannheim);
Industrial and Systems Engineering
- John Vernon Fark, Marion;
B.S.Agr.; *Agricultural Education*
- Joseph Tony Figueroa, Chicago, Ill.;
B.S. (University of Illinois); *Mathematics*
- Mary Joan Fontana, Dayton;
B.S. (Wright State University);
Computer and Information Science
- Rochelle Kline Franks, Wooster;
B.A. (College of Wooster); *Plant Pathology*
- Krisna Colette Furrow, Columbus;
B.S. (Purdue University);
Home Economics
- Frank Arthur Gasperini, Jr., Blaine;
B.S.Agr.; *Agronomy*
- Constance J. Geiger, Pittsburgh, Pa.;
B.S.H.E. (University of North Carolina);
Allied Medical Professions
- LaVerne W. Gillis, Newport News, Va.;
B.S. (Hampton Institute); *Horticulture*
- Stuart Lee Greenberger, New York, N. Y.;
B.S.Agr.; *Plant Pathology*
- Lisa Ellen Grose, Columbus;
B.S.H.E.; *Home Economics*
- Austin Kent Hagan, Levittown, Pa.;
B.S. (Indiana University of Pennsylvania);
Plant Pathology
- Abdul Wahid Haji Idris, Kuala, Malaysia;
Diploma Surv. (University of Otago, New
Zealand); *Geodetic Science*
- Beverly Ruth Haley, Hamlet, Ind.;
B.S.Nurs.; *Nursing*
- Susan Kay Hambleton, Canton;
B.S.; *Natural Resources*
- George Blair Hankins, Jr., Timonium, Md.;
B.S. (University of Maryland);
Mathematics
- ¹Dennis Merle Hann, McConnellsville;
Agricultural Education
- John Hannah, Hokitika, New Zealand;
B.S., Diploma (University of Otago);
Geodetic Science
- Benjamin Hansburg, Uniontown;
B.S. (Case Western Reserve University);
Mathematics
- Nancy L. Hansen, Dublin;
B.S.Nurs. (University of Wisconsin);
Nursing
- Stephen Eric Hewitt, Mt. Vernon;
B.S.Ed. (Miami University);
Computer and Information Science
- Margaret Burdeene Hill, Dryden, N. Y.;
B.A. (State University of New York
College at Cortland); *Chemistry*
- Jo Ann Whaley Howell, Troy;
B.S.H.E.; *Home Economics*
- Cynthia Poming Hui, New York, N. Y.;
B.A. (Hunter College);
Computer and Information Science
- Charlotte M. Hyatt, Westerville;
B.S.H.E.; *Home Economics*
- Kenneth W. Imboden, Worthington;
B.S. (Purdue University);
Computer and Information Science
- Omar Bin Ismail, Malacca, Malaysia;
B.S. (Louisiana State University);
Agricultural Economics and Rural Sociology
- Dharmalingam Jayanandan,
Karavaddy, Sri Lanka; B.S. (University of
Sri Lanka); *Geodetic Science*
- Huey-Jen Jiang, Panchiao, Taiwan, R.O.C.;
B.Eng. (Tamkang College of Arts and
Sciences); *Natural Resources*
- Dolway W. Johnston,
Balinderry, North Ireland; B.A.
(University College at North Wales);
Agricultural Economics and Rural Sociology
- Michael D. Kane, Lorain;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*
- Mannisk Kang, Columbus;
B.S. (Seoul National University);
M.S. (University of Cincinnati);
Chemical Engineering
- Barbara Lynn Karas, Columbus;
B.S.All'd.Hlth.Prof.; *Allied Medical
Professions*
- Richard T. Kennedy, Des Moines, Wash.;
B.A., B.S. (University of Washington);
Geodetic Science
- Joyce Ann Killen, Columbus Grove;
B.S.All'd.Hlth.Prof.; *Pathology*
- Alycia Morgan King, Atlanta, Ga.;
B.S. (University of Tennessee);
Home Economics
- Richard Shawming King,
Taipei, Taiwan, R.O.C.; B.S. (National
Chung Hsing University); *Chemistry*
- ²Linda House Knebel, Columbus;
Home Economics
- Mark James Koenig, Worthington;
B.S.M.E.; *Mechanical Engineering*
- Hamadi Amadou Lam, Boghe, Mauritania;
B.S.Agr. (California Polytechnic State
University); *Agronomy*
- Eleanor Ann Laneve, Wintersville;
B.A. (West Liberty State College);
Home Economics
- Cheng-Mau Lee, Taipei, Taiwan, R.O.C.;
B.S. (National Taiwan University);
Agricultural Economics and Rural Sociology
- Melody Claire Lee, Orlando, Fla.;
B.S.C.I.S. (Florida Technical University);
Computer and Information Science
- Pradeep S. Limaye, Bhopal, India;
B.S. (Nagpur University); M.S. (Indian
Institute of Technology); *Physics*
- Nancy Li-O Lin, Taipei, Taiwan, R.O.C.;
B.A. (National Taiwan University);
Agricultural Economics and Rural Sociology
- Fredrick W. Lipp, North Canton;
B.S. (Ohio University); *Physiology*
- Charles Leroy Little, Logan;
B.A.; *Developmental Biology*
- Lynne Hofelich Liu, Columbus;
B.S.All'd.Hlth.Prof.; *Microbiology*
- Nigel S. Lockyer, Toronto, Ont., Canada;
B.Sc. (York University); *Physics*
- Susan Ruth Long, Brecksville;
B.S. (Grove City College);
Natural Resources
- Rajendra Prakash Malla,
Kathmandu, Nepal;
B.Sc. (Tribhuvan University, Nepal);
B.Sc. (London Polytechnic, England);
Geodetic Science
- Patrick Joseph Malloy, Toledo;
B.S. (University of Toledo); M.S.;
Computer and Information Science
- Jeffery C. Martin, Columbus;
B.S.M.E.; *Mechanical Engineering*
- William H. Mast, Tiffin;
B.S. (South Dakota State University);
Animal Science
- Arthur Edward McAlister, Jr.,
Liberty, S.C.; B.S.W.E. (LeTourneau
College); *Welding Engineering*
- John Roy McClure, Conroy;
B.S.Agr.E.; *Agricultural Engineering*
- Thomas F. McGuffin, Clinton, N. Y.;
B.S.E.E. (Michigan State University);
Electrical Engineering
- David Graham McKellar,
North Bay, Ont., Canada; B.Tech. (Ryerson
Polytechnical Institute); *Geodetic Science*
- Marvin Grendel McKimpon, Oelwein, Ia.;
B.S. (Iowa State University);
Metallurgical Engineering
- ¹ Gregory Alan Miller, North Canton;
Horticulture
- David E. Millhorn, Chattanooga, Tenn.;
B.S. (University of Chattanooga); M.A.T.
(Emory University); *Physiology*

¹ Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics
² Also Bachelor of Science in Home Economics,
College of Agriculture and Home Economics

Evan Douglas Millikin, Arcanum;
B.M.E. (General Motors Institute); M.S.;
Computer and Information Science

Branko P. Miteviski, Columbus;
B.Ch.E. (University of Belgrade);
Chemical Engineering

Ronald R. Moutvic, Columbus;
B.S. (University of Illinois); *Veterinary
Physiology and Pharmacology*

Dean Mouzakiotis, Athens, Greece;
B.S. (Northwestern University);
Computer and Information Science

James Bernard Murray, Dayton;
B.S. (University of Dayton);
Computer and Information Science

Vasant U. Nayak, Maharashtra, India;
B.Sc., M.Sc. (University of Bombay);
Physics

Douglas Karl Nims, Troy;
B.S.C.E.; *Civil Engineering*

Edward K. Norvaisis, Dayton;
B.S.M.E. (Case Western Reserve
University); *Mechanical Engineering*

Michael Warren Olds, Frankfurt, Ky.;
B.S. (Murray State University);
Geology and Mineralogy

John Clifford Ostgaard, Dayton;
B.S.E.E.; *Electrical Engineering*

Michael Paul Pappi, Columbus;
Agricultural Economics and Rural Sociology

Stavros J. Papanicolaou, Athens, Greece;
D.D.S., M.D. (University of Athens);
Pathology

Robert Pishko, Marietta;
B.S.Ch.E. (University of Notre Dame);
Metallurgical Engineering

Thomas William Pulfer, Brookville;
B.S.Agr.; *Agricultural Education*

Beth Elaine Radcliff, Columbus;
B.S. (Bowling Green State University);
Home Economics

Mohammad Dawod Rajab, Kuwait, Kuwait;
B.S.E. (EE), B.S.E. (M.E.) (University of
Michigan); *Mechanical Engineering*

Marcia Jane Provens Rausch, Columbus;
B.S.Cer.E.; *Nuclear Engineering*

Mark Stanley Rea, Avon Lake;
B.A., M.A.; *Biophysics*

Matthew Joseph Rini, Brooklyn, N. Y.;
B.A. (Queens College); *Home Economics*

Patricia J. Rivers, Humble, Tex.;
B.A. (University of California at
Riverside); *Chemistry*

Alan Frank Rozich, Philadelphia, Pa.;
B.S.C.E.; *Civil Engineering*

Vichai Ruangsawadi, Lampang, Thailand;
B.Eng. (Kasetsart University);
Civil Engineering

Susan Clyde Rudinsky, Ironton;
B.S.All'd.Hlth.Prof.; *Allied Medical
Professions*

Ravindra Rungta, Calcutta, India;
B.E. (Birla Institute of Technology);
Metallurgical Engineering

Maajety Venugopala Sastry,
New Delhi, India; B.E. (Andhra
University); *Civil Engineering*

Lisa Grayce Schiavoni, Youngstown;
B.S.Ed. (Miami University);
Home Economics

Lisa L. Schroeder, Salem, N. Y.;
B.S. (State University of New York
College at Oswego); *Zoology*

James W. Shaw, Wichita, Kan.;
B.S. (Wichita State University);
Mathematics

Hui-Hua Shieh, Tainan, Taiwan, R.O.C.;
B.S. (National Tsing-Hua University);
Chemistry

Nicholas Thomas Simon, Sr., Lakewood;
B.S.; M.S. (West Virginia University);
Food Science and Nutrition

Lawrence W. Snee, Rochester, N. Y.;
B.S. (Florida State University);
Geology and Mineralogy

Peter Glenn Snow, Berea;
B.S. (Miami University); *Horticulture*

Rebecca Soisson, Butler, Pa.;
B.S. (Indiana University of Pennsylvania);
Home Economics

Christine Marie Spann, Independence;
B.S. (Florida State University); *Zoology*

Larry Daniel Sprague, Strongsville;
B.S. (College of Wooster); *Agricultural
Economics and Rural Sociology*

Peggy Hartz Steiner, Worthington;
B.S.H.E.Ed. (University of Washington);
Food Science and Nutrition

Sharon Stevenson, Columbus;
D.V.M.; *Veterinary Pathobiology*

David G. Struble, Cleveland;
B.S. (University of Dayton); *Computer
and Information Science*

Michael R. Taaffe, Columbus;
B.A. (Ohio Dominican College);
Industrial and Systems Engineering

Timothy W. Tillson, Akron;
A.B. (Brown University); M.S.;
Computer and Information Science

Joseph Steven Torok, Oberlin;
B.S. (University of Akron); *Mathematics*

Lanette Snyder Torres, Worthington;
B.A. (Adrian College); *Home Economics*

Arlene L. Tyler, Columbus;
B.A. (Baldwin-Wallace College);
Allied Medical Professions

Mary Kathryn Van Gundy, Lancaster;
B.S., Cert.Post.Bacc.Med.Tech.;
Allied Medical Professions

Margaret A. Walas Venglarcik, Columbus;
B.S. (Western Illinois University);
Geodetic Science

Jung-Yuan Grace Wang,
Taipei, Taiwan, R.O.C.; B.S. (National
Chung-Hsing University); *Plant Pathology*

Pei Eng Wang, Mentor;
B.S.All'd.Hlth.Prof.; *Home Economics*

Vickie Ann Wanner, Fairview Park;
B.A. (Otterbein College); *Home Economics*

Sharon Groh Wargo, Cincinnati;
B.S. (University of Dayton);
Allied Medical Professions

Joseph C. Warlow, Camp Hill, Pa.;
B.A. (Millersville State College);
Geology and Mineralogy

Eileene James Welker, Dover;
B.S. (Bowling Green State University);
Home Economics

Robert Thomas Werber, Mayfield Village;
B.S.E. (University of Michigan);
Metallurgical Engineering

John J. Whalen, Columbus;
B.S. (University of Arizona); M.S.;
Mechanical Engineering

Charles C. Whistler, III, Dayton;
B.S.; *Biophysics*

Timothy F. White, Columbus;
A.B. (Stanford University); *Entomology*

Jill Rae Willis, Urbana, Ill.;
B.S. (University of Illinois);
Natural Resources

David William Wise, Newark;
B.S.E.E.; *Electrical Engineering*

Andrew J. Woldar, Flushing, N. Y.;
B.S. (City College); *Mathematics*

Susan Kathryn Wolff, Bellefontaine;
B.S.H.E.; *Home Economics*

James Jordan Wolford, Middletown;
B.S. (Miami University);
Electrical Engineering

Howard Eugene Wright, Columbus;
B.S.Nat.Res.; *Natural Resources*

Katherine Louise Young, Hampton, Va.;
B.S. (Virginia Polytechnic Institute);
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 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 Mathematics and
Physical Sciences

College of Social and
Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Twelve candidates

Paul Edward Bohman, Dayton
John Michael Bolovan, Mentor
Maurice J. Carnes, Columbus
Crawford Craft, Columbus
Nina Elizabeth Gernhart, Reynoldsburg
Kevin Arthur Lamb, Columbus

1 Also Bachelor of Science in Agriculture. College of
Agriculture and Home Economics

Mary Ann Minor, Columbus
 Patricia Kathleen Ryan, Columbus
 Mark Alan Scurei, Mansfield
 Jeffrey Norman Shank, Columbus
 Cara Lee Thouvenin, Canton
 Sheila Stover Vent, Columbus

Bachelor of Fine Arts

Thirteen candidates

Lisa Ann Ault, Urbana
 Mary Katherine Bolzenius, Columbus
 Linda Herritt, Westerville
 Amy Foltz Hoover, Westerville
 Sandra Ann Immel, Columbus
 Freddie Jesus Jorge, Columbus
 Jennifer Ellen Lower, Hilliard
 Dawn Diane Puglisi, Ashland
 Marcia A. Trees, Columbus
 Anne C. VanPaeppegem, Columbus
 Susan Barbara Wittmer, Mansfield
 Mei Wu, Worthington
 Trina Kessler Zoog, Columbus

Bachelor of Music

Three candidates

Gordon Ray Nicely, Columbus
 B.Mus.Ed.
 Leah Marie Pettitti, Canton
 Ann Baumgartner Schnapp, Columbus

Bachelor of Art Education¹

Eight candidates

Sue Ann Battocletti, Winterville
 George H. Beaver, Bellefontaine
 Judi Burton, Marion
 Verdella Lorene Church, Jr., Westerville
 Shelly Ann Hellwege, Columbus
 Holly Rhea Kahle, Delta
 Jana Jo Showalter, Elida
 Barbara Ellen Ward, Lima

Bachelor of Music Education¹

Ten candidates

Jane Ann Bailey, Clinton
 Susan Lorraine Chess, Pittsburgh, Pa.
 :Sue Elaine Snyder Eberhardt, Columbus
 Ronald Wilbur Finks, Columbus
 Daniel Goodrum, Cleveland
 Deborah Grace Harsh, Columbus
 James Joseph Husak, Farma,
 Thomas Lee Johnson, Columbus
 Robert Cleland Rumberger, Jr., Columbus
 Virginia Jean Voorhis, Westerville

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Four candidates

Bruce Edward Molitor, Payne
 Joseph Edwin Rhoads, Waverly
 Douglas Sanford Smith, Columbus
 Steven Ross Williams, Columbus

Bachelor of Science

Fifty-six candidates

Thomas Joseph Anthony, Jr., Columbus
 Norman Keith Barbone, Mansfield
 Michele Laura Beach, Kirkwood, Mo.
 Mark Steven Bello, Columbus
 Ivan Botica, Columbus
 Leslie Anne Brookfield, Toledo
 Paul Allen Calovini, Lafferty
 James Kendall Carter, Jr., Marion
 Laura M. Chance, Jackson
 Jennette Chatlain, Mansfield
 Bruce Alan Colvin, Melrose, Mass.
 William Charles Davis, Cincinnati
 Charles J. Democko, Columbus
 Michael Anargiros Stanley Frangopoulos,
 Campbell
 Mary Jane Gabel, Dublin
 Maxine Beth Gilgoff, Columbus
 James M. Halloran, Lakewood
 Larry R. Hromalik, Columbus
 Edward Timothy Jachym, Columbus
 Debra L. Jacobs, Chagrin Falls
 David Lawrence Jones, Lucasville
 David Blaine Joyce, Berea
 Marc E. Kanter, Cincinnati
 Elliott Korsen, Cherry Hill, N. J.
 Diane Joan Kostka, Wooster
 Thomas James Lambert, Cincinnati
 Paul Levitas, Cincinnati
 Paul C. Levy, Columbus
 Phillip Allen Li, Sidney
 Jane Marie Majersak, Columbus
 Gwynette L. Marschall, Westerville
 Kim Evelyn Martin, Columbus
 Thomas J. Masaryk, Wadsworth
 Sheri McClarren, Grove City
 Cheryl Ann McLeod, Mentor
 Alan James Miller, Westerville
 David Robert Neiger, Parma
 Gerrilyn Kay Nelson, Reynoldsburg
 Linda Kay Parker, Toledo
 Nicholas S. Petrosky, Wadsworth
 Richard Daniel Price, Greenhills
 Kevin Patrick Redmond, Columbus
 Beth Elaine Richardson, Bellefontaine
 Stephen Alan Sims, Dayton
 Tavia Lynn Smith, Crestline
 Kevin B. Sober, Stowe
 Ellen T. Stanford, Columbus
 Young Tao, Bedford Heights
 Michael Lloyd Tedrick, Columbus
 Karen Trinkle, Cincinnati
 Patricia Ann Tucker, Alliance
 John S. Urse, Columbus
 Carol Lynn Vorres, Western Springs, Ill.
 William John Waddell, Columbus
 Wayne Frank Wargo, Elyria
 Gary L. Yackey, Dover

College of Humanities

Acting Dean: Leon I. Twarog

Bachelor of Arts

Thirty-three candidates

Terry L. Barnhill, Columbus
 Sarah Hubard Beauchamp, Columbus
 Jon A. Brindle, Westerville
 Jeffrey Edward Raffle Ciaes, Lancaster
 Peter H. Connell, Cincinnati
 John J. Crawfis, Toledo
 Mary Frances Dennis, Grove City
 Timothy Edward Dyson, Mansfield
 Sue A. Angle, Columbus
 Marilyn Anne Gaertner, Columbus
 James E. Guy, II, Columbus
 Robert Obbra Harris, Columbus
 David Michael Henry, Bellefontaine
 Jennifer Ann Hill, Marion
 Theresa Hirtgelt, Columbus
 Charles Robert Iden, Columbus
 Mariann Mari Jones, Pemberville
 Leora Ann Jump, Willard
 Johanka M. Klaban, Cincinnati
 Thomas G. Klein, Columbus
 Gladys O. Krider, Marion
 Doris Ann Miller, Columbus
 Cynthia Mary Parr, Canton
 Kevin Pownall, Toledo
 Paul David Price, Marion
 Robert P. Ree, Granville
 George Anthony Rosso, Jr., Columbus
 Allan Jay Silverman, Columbus
 Timothy Albert Stridsberg, Columbus
 Julie L. Wagar, Kent
 Steven Richard Watts, Sylvania
 Alma Darleen Wilder, Columbus
 Everett Lincoln Wolfe, III, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Three candidates

Patrick William McMullen, Bellefontaine
 Barbara Lynne Negris, Lorain
 John Jay Stanislaw, Englewood

Bachelor of Science

Twenty-one candidates

Eric William Burkhart, Fairborn
 Tod Thomas Conrad, Circleville
 Barry E. Dilgard, Ashland
 Paul M. Driscoll, Columbus
 Gail Dunpace, Bowling Green
 Mitchell David Dysart, Columbus

¹ Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education
² Also Bachelor of Arts, Colleges of the Arts and Sciences

William Allen Henson, Columbus
 Susan Lynn Humphrey, Centerville
 Bruce Michael Keene, Cleveland Heights
 Kevin Lee Konkler, Grove City
 Charles William Mallory, Conneaut
 Robert C. McAfee, Pittsburgh, Pa.
 Melanie Jean Poon, Cincinnati
 Marvin Dexter Ratliff, Germantown
 Jack Bradley Searle, Marietta
 Halli Aley Seker, Columbus
 Joseph Thomas Spencley, Jr., Toledo
 Philip D. Stanton, Chillicothe
 William Edward Welch, Columbus
 Cindy Jo Wildman, Amherst
 Terrie Winnett, Worthington

Laurie Dainty Hiteman, Columbus
 Barry Neil Huddleston, Eaton Rapids, Mich.
 Robert W. Indian, Columbus
 Carol Jonas, Bay Village
 Andrew Perry Jones, Columbus
 Keith David Kalette, Syracuse, N. Y.
 Shelly Meryl Lynn Michelle Keays,
 Middletown
 Philip A. Knapp, Columbus
 Robert Kornfeld, Maplewood, N. J.
 Margaret A. Lefter, Columbus
 Debra Jean Lejman, Bay Village
 Rhonda S. Lloyd, Bellaire
 Thomas Eric Lodge, Columbus
 Susan Diane Lord, Galena
 Daniel Roy Lozier, East Sparta
 Jeffrey Dale Mackey, Groveport
 Craig Stuart McAllester, Fairview Park
 Thomas John McCrone, Cleveland
 Gary Leigh Melampy, Middletown
 Jerome A. Milano, Lakewood
 Doreen Frances Mitchum, Columbus
 John Edward Moodie, Marion
 Victoria Lee Morris, Columbus
 Lisa Louise Morrissey, Greenview, R. I.
 John Carlton Myers, Columbus
 Carolyn Ann Obert, Columbus
 Douglas T. Ogawa, Newark
 Michael Gerard Patrick O'Kane, Columbus
 Robert Joseph O'Neil, Columbus
 Shawn K. Owens, Steubenville
 Sheila Owsley, Dayton
 Alan Brandon Parker, Youngstown
 Lorie Catherine Parkhill, Fresno
 Mark Douglas Phillips, Upper Sandusky
 Terri Jo Porter, Columbus
 Philip Preston Pumphrey, Martinsburg
 Helen Cecile Roalef, Dayton
 John Theodore Rohrs, III, Defiance
 Alison Rose, Akron
 Stephen M. Russell, Columbus
 Michael James Schmidt, Columbus
 Michael P. Schorr, Lancaster
 Mary Skillman, Columbus
 Angie Sioupkides, Columbus
 Maria J. Sioupkides, Columbus
 Nancy Elaine Small, Columbus

Teresa Ann McIntyre, Bethesda, Md.
 John Andrew Mitchell, Columbus
 William Joseph Murray, Cleveland
 Annick Marie Parker, APO, N. Y.
 Margaret Sue Cherneck Richardson,
 East Liberty
 Gary Joseph Kosner, Independence
 Anne Jane Schroder, Cincinnati
 Alan Paul Schwepe, St. Marys
 Patrick Joseph Sliva, Cadiz
 Robin Michael Stepanovich, Youngstown
 Penny L. Steivison, Columbus

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and twenty-one candidates

Esther Aduke Fagbemi Ayeni,
 Ikoile-Ekiti, Nigeria
 Elise Marie Ayers, Colina
 Florette Cecile Baldwin, Columbus, Ga.
 Michael C. Barra, Huntsville
 Stephen E. Bash, Lancaster
 Teresa C. Bembenek, Panama Canal
 Bobby L. Benton, Ashtabula
 Richard Aaron Bishop, Columbus
 David Paul Blom, Columbus
 Karla S. Boerner, Pleasantville
 Gus Karl Bowman, III, Columbus
 John Dayman Braddon, Annandale, Va.
 Eric Stephen Broughton, Sandusky
 Karen Ellen Bruggeman, Marion
 Robert Scott Bugie, Bay Village
 Claire S. Chenault, Columbus
 Kathy L. Clark, Columbus
 Timothy Lang Coffman, Columbus
 Charles Michael Conn, Heath
 Mark James Conrad, Columbus
 William J. Coyle, Westlake
 Denise Louise Coyner, Cleveland
 Pamela S. Craig, Mansfield
 Wilbur David Crosley, III, Marion
 Deborah J. Daniel, Columbus
 Linda Marie Day, Virginia Beach, Va.
 Mark DeBellis, Columbus
 Dixie Young DeLorme, Columbus
 B.F.A.
 'Sue Elaine Snyder Eberhardt, Columbus
 Jeffrey William Eisinger,
 Charleston, W. Va.
 David Benton Ellis, Washington C. H.
 William M. Fink, Cayuga Falls
 James E. Possacca, Columbus
 William C. Fulcher, Jr., Columbus
 Susan Lynne Gallup, Columbus
 Jeffrey W. Gardner, Cambridge
 Debra Fay Garrison, Columbus
 Scott Allen Gepford, New Concord
 Joseph Germanos, Cambridge
 James Andrew Ghansah, Columbus
 Matthew Peter Grealis, Beres
 Bruce Jay Gurwin, Columbus
 Robert C. Hackett, Jr., Cincinnati
 Christopher Hale, Columbus
 Rebecca Taylor Hall, Columbus
 Robert Matthew Hamilton, Columbus
 Michael L. Hardin, Columbus
 Timothy I. Hayes, Gahanna
 2 Philip James Heilman, Defiance
 Beth Heironimus, Columbus
 Mark Gregory Henley, Gahanna

Carolyne Ann Obert, Columbus
 Douglas T. Ogawa, Newark
 Michael Gerard Patrick O'Kane, Columbus
 Robert Joseph O'Neil, Columbus
 Shawn K. Owens, Steubenville
 Sheila Owsley, Dayton
 Alan Brandon Parker, Youngstown
 Lorie Catherine Parkhill, Fresno
 Mark Douglas Phillips, Upper Sandusky
 Terri Jo Porter, Columbus
 Philip Preston Pumphrey, Martinsburg
 Helen Cecile Roalef, Dayton
 John Theodore Rohrs, III, Defiance
 Alison Rose, Akron
 Stephen M. Russell, Columbus
 Michael James Schmidt, Columbus
 Michael P. Schorr, Lancaster
 Mary Skillman, Columbus
 Angie Sioupkides, Columbus
 Maria J. Sioupkides, Columbus
 Nancy Elaine Small, Columbus
 B.S.Ed. (Capital University); M.A.
 Kathleen Diane Smith, Kettering
 Karen Sue Stader, Dayton
 Sharon Kay Stewart, Piqua
 Dane Stinson, Clarksburg
 John Frederick Stock, Columbus
 Kim Elizabeth Swartz, Westerville
 William Lawrence Tenney, Columbus
 William Arthur Thompson, Columbus
 Barbara Kelly Tizzano, Delaware
 Jan Ellen Tremaine, Dayton
 Peggy Lynn Twhogh, Fairview Park
 Francis J. Tyrol, Levittown, Pa.
 Pamela Jo Ullrich, Columbus
 Stuart Van Wagener, Cherland
 Clennon E. Vasser, Canton
 Bettye Pfau Vicent, Columbus
 Rhonda L. Vrsansky, Columbus
 Cynthia Yvette Walker, Columbus
 John Henry Ward, Tiffin
 Susan A. Warner, Newark
 Pamela Kay Weising, Canton
 Albert Richard Wheeler, Jr., Columbus
 Kenneth Lee Wolters, Sandusky
 Peter P. Yasko, Columbus

Bachelor of Arts in Journalism

Seventeen candidates

Veronica Lynne Bowers, Lima
 Kathryn M. Buchanan, Elyria
 Toryn C. Connolly, Columbus
 Jan Ellen Dransfield, Portsmouth
 Gordon Elliott Flag, Jr., Yellow Springs
 Frederick Douglas Gaskins, Mansfield
 Melinda Green, Sylvania
 Keith Lynn Helmingler, Jackson Center
 Carol Wright Mullinax, Columbus
 David Michael Murray, Columbus
 Beverly Jean Nickles, Mansfield
 Rebecca F. Novak, Akron
 Paul R. Semall, Maple Heights
 Terence O'Connell Shannon, Cincinnati
 Renee Dorelan Smith, Cincinnati
 Jody Lynn Steenberg, Cincinnati
 Jay Parkins Wroldstad, University Heights

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and fifty-six candidates

Thomas Michael Basista, Parma
 Deborah Ann Bender, Ashtabula
 Robert Mark Bibler, Lancaster
 Alan Todd Birmingham, Sandusky
 Cynthia Lee Brinker, Tequesta, Fla.
 Christine Terese Brown, Columbus
 Peter George Brown, Columbus
 Charles David Butler, Cincinnati
 Jeffrey Paul Campbell, Zanesville
 Michael Dean Cantlin, Heath
 Robert Paul Carrington, Columbus
 Brooke Adams Cheney, Shelby
 Vicky Ching-Lan Yiu, Chow,
 Taipo Market, Hong Kong
 Melodee Jean Chupka, Columbus
 John M. Collins, V. Worthington
 Joan A. Connolly, Columbus
 Clarence Devon Cotterman, Columbus
 Robert Coull, Marion
 Ann Bullard Crane, Columbus
 Jeffrey Mead Daniels, Willoughby
 Sharyn Leigh Daum, Marion
 Thomas Joseph Deleandro, Jr., Eastlake
 John Joseph Diamond, Jr., Lorain
 Charles Rene Dimond, Wilton, Conn.
 Charles Leslie Dobkins, Gahanna
 Steven Henry Donahue, Columbus

Bachelor of Science

Twenty candidates

Valerie Jean Bell, Columbus
 Cathy Ann Columbus, Scarsdale, N. Y.
 Danny Michael Compton, Kent
 Linda Delma, Columbus
 John Franklin Eagle, Miami Springs
 Timothy James Evans, Columbus
 Jeffrey Alan Gill, Cincinnati
 Mary Jane Hawk, Chillicothe
 David Franklin Little, Hudson

¹ Also Bachelor of Music Education,
 College of Education
² Degree Awarded Posthumously

James Edward Donelson, Ashland
 James Earl Duff, Columbus
 Daniel Steven Dunleavy, Columbus
 Larry Stephen Ebert, Cardington
 William Janus Edwards, Cleveland
 Patrick Joseph Egan, Reynoldsburg
 Richard Allen Fedor, Conneaut
 Stewart Jay Finck, Cleveland
 Dennis Wayne Fogarty, Springfield
 Eric Hugh Foreman, Worthington
 Larry J. Fox, Columbus
 Joseph G. Friedman, Shaker Heights
 Wayne Bernard Fronczak, Columbus
 James Curtis Frye, Fredericktown
 Robert Mansfield Gabriel, Rocky River
 John Gioffre, Columbus
 Mark Stephen Gloger, Shaker Heights
 Jeffrey Randall Goare, Lima
 John Earl Golay, Cincinnati
 Mark Isaac Goldberg, Columbus
 John Curtis Gorman, Columbus
 Thomas Joseph Graham, Columbus
 Robert Alan Greenberger, Lyndhurst
 Jesse Leonard Gunn, Cleveland
 James Robert Hackbarth, Columbus
 Betsy Jean Haidle, Elida
 Marsha Joan Haigh, Columbus
 Bruce Alan Halcomb, Fairfield
 Theodore Gregory Hall, Avon Lake
 Michael William Hampton, Massillon
 Bruno N. Harris, Columbus
 Billy Joe Hebrock, Cambridge
 John Edward Henson, Chesapeake
 Anita Louise Herring, Columbus
 James Lawrence Herron, Columbus
 Barbara Rae Hertz, Cleveland
 James Jay Hill, Jr., Worthington
 Mary Lyons Holloway, Gahanna
 Edward Allen Holmen, Elyria
 Daniel Thomas Houchins, Bellefontaine
 Thomas Edward Hutch, Jr., Youngstown
 Dale Alan Irwin, Lima
 Andrew Stephen Jados, Jr., Columbus
 Howard E. Jesko, Salem
 Jeffrey Lynn Johnson, Marion
 Randall Uel Justice, Ironton
 Barbara Ann Kaplan, Fanwood, N. J.
 Munir Jamil Khoury, Kuwait, Kuwait
 Denise Kidida, Columbus
 Roderick King, Columbus
 Jon Allyn Kingman, Pine Grove, Pa.
 Gernot W. Klein, Columbus
 Mark Alan Lampert, St. Clairsville
 Maceo R. Lewis, III, Columbus
 Michael John Lively, Columbus
 James N. Lloyd, McConnesville
 John Daniel Loeffert, Marion
 Patrick A. Long, Greenfield
 Thomas Edward Malinowski, Shelby
 Calvin Dean Martin, Marion
 Todd Alan Mason, West Alexandria
 Stephen Charles Massa, Mansfield
 Michael Albert Mastro, Carrollton
 Michael Alan Mautz, Sandusky
 Barbara Ann Mayer, Mentor
 Arnold Allen McBride, Dublin
 Walter James McBride, Los Alamitos, Calif.
 Curtis Alan McCutcheon, Berwyn, Pa.
 Mura L. McKittrick, Marysville
 Dianne Kitzuric Meves, Parma
 Lynn M. Merz, Carrollton
 Ernest Leroy Miller, Columbus
 JoAnn Moffett, Mansfield
 Robert Keith Norris, Jr., Curwensville, Pa.
 Michael Donawin Oyer, Mt. Sterling
 Karyn Anne Paprocki, Columbus
 Norman Joseph Petit, West Jefferson
 Richard Michael Picone, Middleburg Heights
 Beverly Jean Pillon, Cincinnati
 Claudia Denlinger Powell, Farmersville
 Robert Francis Redmond, Jr., Columbus
 John Michael Reed, Johnstown
 Andrew Franklin Rice, Wauseon
 Willie Frank Rice, Lorain
 Mark Allan Rigdon, North Royalton
 Thomas Geoffrey Rigo, Hilliard
 James Lee Robertson, Columbus

Carl August Rosberg, Staunton, Va.
 David William Rubadue, Westerville, N. J.
 Barry George Salmon, Bernardsville, N. J.
 Nancy Marie Sarafin, Akron
 Scott George Seiple, Columbus
 Mark Steven Shaw, Westerville
 Joel Stephen Simkoff, Beachwood
 David William Sinsel, Grafton, W. Va.
 Kim Alan Smalley, Lima
 Randall Scott Smith, Shelby
 Douglas Allen Soddors, Elida
 Mark McKeith Sowle, Houston, Tex.
 Jeffrey Stuart Steiner, Beachwood
 Wayne Edward Steinhoff, Heath
 Brent Lee Stover, Celina
 Timothy Alan Strader, Mentor
 Natalie Anne Taylor, Warwick, N. Y.
 Steven Lee Terrill, Ridgeway
 Glendene Ann Thornbloom, Columbus
 Kenneth William Tippie, Massillon
 Jeffrey Kalman Tisza, Fairview Park
 Ross Brockus Townsley, Troy
 Jamie Lynn Ture, Pepper Pike
 Kathleen Ann Uland, Circleville
 John William Uttley, III, Columbus
 Janet Berry Vance, Columbus
 Janet Lee VanFleet, Caldwell
 Karen Lynn VanSullichem, Houston, Tex.
 Jana Leigh Vermeer, Groveport
 William Howard Waller, Ironton
 Daryl Thomas Ward, Gahanna
 Larry Wayne Weaver, Lima
 Curtis Scott Wheeler, Columbus
 Mila Jayne Wheeler, Columbus
 James Richard Willer, Columbus
 Larry James Williams, Wilmington, Del.
 Vicki Lynn Windsor, Dublin
 Jeannine Marilee Wine, Columbus
 Thomas Alan Wingfield, Ridgeway
 Roger Karl Wolin, Columbus
 Roger Dale Wolberg, New Lexington
 John Timothy Zietlow, Columbus

Charles St. Clair Browne, Madeira
 Jerry Lee Brunst, Solon
 Jack Eugene Coate, Pleasant Hill
 Jon Delbert Cochran, Columbus
 Charles Steven Cooper, Plain City
 Phillip Anthony Crank, Groveport
 Patricia Ann Dalton, Cincinnati
 William Elmer Davis, III, Washington C. H.
 Michael Jude DeChant, Huron
 Denise Michele DeMaria, Port Washington, N. Y.
 Susan JoAnn Dempsey, Columbus
 Robert Allen DeVeny, Willard
 Darby Alan Dicke, New Bremen
 Roger Daniel Ditzner, Sidney
 Drew Alan Eckert, Lexington
 Geoffrey Raymond Egbers, Cincinnati
 Sylvia Jean Ehlerding, Port William
 Robin Lee Frees, Westlake
 A.A. (Cuyahoga Community College)
 Martha Ann Frindt, Maple Heights
 Rick Lynn Fruth, Holgate
 Nick Samuel Gani, Mansfield
 Gary D. George, Arcadia
 Tony Arthur George, Marysville
 Christy Lynn Gilbert, Columbus
 Terry Ann Girton, Akron
 Dwain Keith Gorby, Jr., Fairborn
 Gilbert Vincent Graham, Jr., Columbus
 Richard Dennis Hall, Northfield
 Dennis Merle Hann, McConnesville
 James Michael Heck, Toledo
 Ronald Francis Hemmer, Zanesville
 Douglas Lee Hertlein, Martinsville
 Daneae Ann Hoover, Miami, Fla.
 Mary Jo Hrastar, Euclid
 Mark Joseph Hudak, Cleveland
 Dwight Keith Hunter, Beverly
 Paul Joseph Hunter, Wilmington
 Timothy Charles Irwin, Bellefontaine
 Mark W. Jones, Prospect
 Mary Caroline King, Cleveland Heights
 David Van Knife, Tipp City
 Sue Anne Lash, New London
 Stephen Merrill Lovejoy, Westerville
 Terri Lee Lucas, Fairborn
 William Gardner Marting, Bloomingburg
 Sally Venette Mason, New Philadelphia
 Gregory Alan Miller, North Canton
 Orlan Ralph Miller, Columbus
 Deborah Ann Murrish, Galloway
 Steven David Myers, Wilmington
 Keith Allen Nelson, Malta
 Michael Paul Pappal, Columbus
 Richard Francis Papp, Warren
 Michael Albert Peterson, Frankfort
 Paul Albert Phillips, Berlin Heights
 James Martin Pochedy, Hiram
 George Michael Pollak, Columbus
 Linda Mae Pollak, Middlefield
 Timothy Patrick Quinn, Dayton
 Timothy Paul Rannebarger, Sunbury
 Robert Cassell Reed, Adamselle
 Charles Gordon Reid, Brussels, Belgium
 Thomas Ray Richards, New Washington
 Scott Lee Romine, Gallon
 Gary Alan Roseberry, Prospect
 Michael Eugene Rupp, Wauseon
 A.A.

Bachelor of Science in Labor and Human Resources

One candidate

Douglas Hankison Sandrock, Maumee

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

One hundred and fifteen candidates

Ismael Abdullah, Penang, Malaysia
 John Miles Adams, Woodstock
 David Richard Ahlum, Columbus
 A.A.S. (Trinidad State Junior College)
 Christopher John Anderson, Maumee
 Mark Steven Ater, Clarksburg
 Steven Douglas Atwood, Westerville
 Mark Richard Baker, Sylvania
 Shawn Robert Barron, Fremont
 David Ray Beam, Cedarville
 John Frederick Becker, Columbus
 Jeffrey Allen Belmont, Vermilion
 Terrence Robert Bennett, Hebron
 Susan Patricia Billingham, Columbus
 David Kerr Black, Orient
 Gregory Ray Booher, Coshocton
 A.A.S.
 Bradford Hartsel Booth, Tiffin
 David Michael Bradley, Columbus

Paul Joseph Rupp, Cincinnati
 Gary Lee Salisbury, Beavercreek
 Jane DeRolph Sammons, Columbus
 Donald Hoyt Savage, Dayton
 Julie Anne Scheel, Columbus
 Stephen Earl Schoepner, Columbus
 Alan Wallace Schulze, West Chester
 Robert Alan Scott, Columbus
 Daniel Wayne Shealy, New Washington
 Carol Sue Silness, Columbus
 David Alan Simon, Parma Heights
 James Asa Skelton, Canfield
 Jeffrey Arden Smetzer, Bellevue
 A.A.S.
 Sarah Elaine Smith, Coshocton
 Mark Andrew Starr, Louisville, Ky.

† Also Master of Science, Graduate School

Joseph Davis St. Clair, Columbus
 Peter Kinney Stokes, Lancaster
 Roger Allen Stollard, Buckeye Lake
 Keith Allen Strait, Rossburg
 Gregory Wright Thoms, Waverly
 A.A.S.
 Michael Scott Tuder, Jersey City, N. J.
 Vera Nadia Uhera, Rocky River
 Donald James Waldoek, Attica
 Hollis Eldon Walter, Galion
 Mark Edward Whitney, Miamisburg
 Timothy Lee Whitten, Cincinnati
 Douglas Edward Wiley, Canfield
 Jo Ellen Williams, Athens
 David Melvin Wilson, Urbana
 Carl Taylor Wise, Worthington
 B.A. (DePauw University)
 Barbara Ann Wolfman, Akron
 Steven Douglas Workman, Danville

Bachelor of Science in Food Science

Three candidates

Mark Allen Price, Parma Heights
 Mark Clarence Riethman, Maria Stein
 Janice Grace Switzer, Andover

Bachelor of Science in Food Technology

Two candidates

Georgia Lynne Leonard, Oregon
 Robert Lynn Roller, Columbus

Bachelor of Science in Nutrition

Two candidates

Robert James Traut, Cincinnati
 Tom William Turnbull, Eden, N. Y.

School of Home Economics

Bachelor of Science in Home Economics

Thirty-three candidates

Barbara Elaine Coe, Mt. Vernon
 Cynthia Kay Davis, Sabina
 Nancy Lee Anne Diorio, Columbus
 Judith Christine Folio, Hopedale
 Amy Michele Gaston, Worthington
 Susan Elizabeth Hemker, Delphos
 Nancy Jean Howells, Canal Winchester
 Marcia Wendy Katz, Columbus
 Linda House Knebel, Columbus
 Jean Diane Lake, Marion
 Brenda Joy Malcolm, Cleveland
 Barbara Becker Mathews, Columbus
 Margaret Susan McGraner, Columbus
 Christina McKnight, Nelsonville
 Thomas J. Petty, Columbus
 Beverly Sue Oetzel Priest, Highland
 Darlene A. Ratusz, North Ridgeville
 Shelley Lynn Fox Reffner, Columbus
 Deborah Lee Rehmert, New Knoxville
 Marilyn Jane Rowe, Marion
 Alice Faye Rutledge, Carrollton
 David George Schneider, Canton
 Molly Moor Stafford, Columbus
 Judith Isabelle Stephens, Cambridge
 Carrilyn Elizabeth Stevens, Waynesburg
 Barbara Jo Stoltz, Worthington

Kathy Sue Stratton, Guaynabo, Puerto Rico
 Frances Louise Swickard, Columbus
 Denise Elizabeth Talbot, Lorain
 Patricia Ann Taylor, Columbus
 Leann Gephart Thacker, Carlisle
 Victoria Jay Warner, Greenview
 Paula Ann Yetzer, Shelby

Bachelor of Science in Food Technology

One candidate

Elizabeth Sarah Akins, Chagrin Falls

School of Natural Resources

Bachelor of Science in Natural Resources

Forty-four candidates

David John Altfater, Parma Heights
 Robert Fleming Blair, Hudson
 James Edward Bryndal, Willoughby
 Roger Warren Ditrich, Columbus
 Dale Joseph Eicher, Highland Heights
 Kristine Ann Erickson, Columbus
 Sandra Ellen Fahrer, Dayton
 Terrence Robert Fahy, Columbus
 Edward Hughes Falco, Caledonia
 Randy John Feathers, Columbus
 Randall Dean Foster, Bay Village
 Terrence Patrick Funderburg, Yellow Springs
 Lisa Hope Hale, Lebanon
 James Martin Harrell, Curtice
 Robert John Hengen, Highland Heights
 Julie Lynne Hickey, Lima
 Suzan Ellen Jervey, Columbus
 Dale Alan Jonard, Caldwell
 Timothy Alan Kananen, Conneaut
 John Francis Karath, Albany, N. Y.
 Timothy William Kerzysnik, Euclid
 Thomas Earl Lenhart, Findlay
 Susan Gay McDowell, Canton
 Randi Lou McPheron, Zanesville
 John Joseph Mizera, Struthers
 Serena Lenore Newbauer, Dayton
 Lawrence James Peck, Columbus
 Richard Mark Pope, Jr., Kenton
 Mark Stephen Reinemann, Xenia
 Jeffrey Allen Robb, Shelby
 Thomas Eugene Rybski, Columbus
 Thomas Edward Schneider, Fremont
 Carol Lucile Scott, Columbus
 Rosanne Mary Sundry, Cleveland
 Robert Jan Shane, Franklin
 Jeffrey Louis Stanczyk, Cleveland
 Thomas Charles Stephen, Malaga
 David Vanaski, Columbus
 Louis Gerard Von Ville, Columbus
 Elizabeth Harriet Wellman, Youngstown
 Mark Allen Whitmore, Dunwoody, Ga.
 Michele Jean Wigginton, Columbus
 Ronald Yaworsky, Kelayres, Pa.
 Karel Kay Young, Green Springs

Agricultural Technical Institute-Wooster

Associate in Applied Science

Twenty candidates

Daniel Lee Bernhard, Holmesville
 David Lewis Brodman, Carey
 Robert Marshall Byrne, Bucyrus
 Brian Lane Kinzie, Van Wert
 Cindy Diane Lumley, Carrollton
 Christine Sue Mattern, Leipsic
 Florence McCarthy, Chillicothe
 Candy Lynn Moss, Cleveland
 Cathy Diane Novak, Industry, Pa.
 Kathryn King Pepke, Hilliard
 Steven John Phillips, Hamersville
 George Donald Pierman, Ottawa
 Mark Edward Provens, Clinton
 Richard Lee Russell, Garrettsville
 John Alan Schmachtenberger, Beloit
 Timothy Lynn Stebbins, Union
 Ralph Steiner, III, Mt. Cory
 Terrance Victor Summers, Coolville
 Joe Robert Welker, Sterling
 Richard Lee Zearley, Massillon

College of Dentistry

Dean: Charles L. Howell

Certificate of Graduate Dental Hygienist

One candidate

Constance Ann Vallo, Kettering

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and fifty-eight candidates

Marsha Zeune Abbott, Reynoldsburg
 Preston Michael Akers, Columbus
 Alfred Randy Allen, Columbus
 Carolyn Kilpatrick Allen, Newark
 Jamie Lou Arnold, Columbus
 Shelley Leigh Boas, Fostoria
 Mark Wellington Bass, Columbus
 Jeffery Lewis Bosozzi, Canton
 Pamela Sue Biddinger, Kenton
 Lee McAdow Bidwell, Kenton
 Paula Mary Blair, Columbus
 Eva Bondar Blankenship, Prospect
 Jerry Michael Bloomfield, Fredericktown
 Shelley Leigh Boas, Fostoria
 Betty Freyer Borris, Napoleon
 Olga Lucia Borrer, Columbus
 Deborah Ann Brantley, Niles
 Youla Gillom Brant, Leavenworth, Kan.
 Cert. Grad. Dent. Hyg.

1 Also Master of Science, Graduate School
 2 Also Bachelor of Science in Education,
 College of Education

Connie Sue Braun, Columbus
 Cert.Grad.Dent.Hyg.
 Timothy Michael Burge, Marion
 Peter David Bursik, Columbus
 Dana Woodrow Carley, Circleville
 Erwin Lance Clark, Marion
 Kathleen Sheetz Claytor, Mansfield
 Connie Diane Conley, Galion
 Darlene Marie Conte, Columbus
 Francis Joseph Cooke, Marietta
 Kendra Lee Copenhaver, Columbus
 Jean Marie Cottrell, Wapakoneta
 Mona Denise Cramer, Perrysville
 Cynthia Lorraine Crowl, Bedford
 Michael Datsiah, Warren
 Heidi Sue Davis, North Canton
 Steven Troy Davis, Columbus
 Cynthia Louise Dean, Springfield
 Vicki Sue Devol, Logan
 Petra Reichenbach Donofrio, Westerville
 Judith Ann Dotter, Columbus
 Jack DeWayne Emrich, Delaware
 Susan Jane Ennis, Columbus
 Cynthia Lee Evans, Worthington
 Gary David Evans, Columbus
 Kathleen Schepp Everitt, Lima
 Barbara Louise Fett, Lima
 Laura Ann Foster, Cincinnati
 Stephanie Foy, Medina
 Candace Lynn France, Steubenville
 Deborah Kay Freeman, Columbus
 Garland John Gates, Shelby
 Cynthia Lee Geisler, Newark
 Thomas Allen Gerlach, Marion
 Marilyn Ann Gibbons, Columbus
 Pamela Ruth Ginley, North Olmsted
 Peggy Elaine Glass, Marion
 James Robert Gloyd, Columbus
 Marilyn Kohn Gold, Deerfield, Ill.
 Nancy Pontius Goldsberry, Amanda
 John Matthew Gray, Gallipolis
 Glenna Sue Gurtz, Port Clinton
 Katherine Louise Hall, Mentor
 Kimberly Parr Harju, Columbus
 Joyce Ann Harris, Columbus
 Linda Sue Hasson, Lima
 Linda Jo Herman, Columbus
 Melinda Gay Heuer, Columbus
 Leesa Ann Hinton, Columbus
 Philip Stanley Holbrook, Columbus
 Anna Marie Howard, Columbus
 Cert.Grad.Dent.Hyg.
 Marta Jo Howard, Columbus
 Nancy Jeanne Huber, Cuyahoga Falls
 Lynn Diane Hutchcraft, Worthington
 Gloria Ann Jackson, Akron
 Susan Lynn Jackson, Newark
 Stephen Craig Jewell, Pomeroy
 Jill Elaine Johns, St. Marys
 Sherry Jean Jones, Marion
 Teresa Watson Jones, Gambier
 John James Joseph, Westerville
 Kathy Lynn Joseph, Middleburg Heights
 Gary Robert Kasher, Columbus
 Donna Marie Kilgore, Greenwich
 Richard Edward Koenig, Merrick, N. Y.
 Linda Lee Lachey, Tipp City
 Robin Marie Laden, Akron
 Darrell Robert Lee, Pandora
 James A. Lee, IV, Marion
 Raymond Thomas Lee, III, Cincinnati
 Larry Ray Lemmer, Columbus
 Richard Lee Lemmons, II, Middletown
 Charlotte Metzger Lindeman, Fort Jennings
 Beth Anne Loew, Toledo
 Cert.Grad.Dent.Hyg.
 Julia Schwab Lombardo, Columbus
 Susan Louise Lowmiller, Columbus
 Deborah Reed Luidhardt, Lima
 Thomas Victor May, Columbus
 Joanne Zuidervliet McCarter, Mansfield
 Robert Jarrett McCollister, Columbus
 Michael John McCorkle, Columbus
 Sally Austin McDaniel, Columbus
 Anneli Eva Meristu, Cleveland Heights
 Carla Lee Miller, Mansfield
 Judy Ann Misch, Columbus
 Dianna Kay Morrow, Bucyrus

Kathleen Marie Murray, Columbus
 D. Marie Nagode, Columbus
 Doris Hamel Nichols, Delphos
 Robert Joseph Nixon, Lima
 Beth Ann Ogle, Millersport
 Luther Barry Parks, Columbus
 Laura Ann Parsons, Mansfield
 Harold Edward Phillips, Jr., Columbus
 Patricia Carsilli Poole, Pickerington
 Jocelyn Py, Cincinnati
 Howard Jetty Rains, Columbus
 Rosemary Raymond, Columbus
 Sharon Whitney Reeder, Columbus
 Cert.Grad.Dent.Hyg.
 Edward M. Reeve, Parma
 Charles Edward Reichert, Attica
 Michael Gene Reid, Columbus
 Dana Lynn Reinbeau, Frazesburg
 Karen Roberts Retherford, Westerville
 Robert Raymond Rhuda, Reynoldsburg
 Gregory Lynn Rice, Marion
 Carl Stephen Rippel, Hilliard
 Roxanne Ronevich, Mt. Pleasant
 Robin Rosalie Rue, Cincinnati
 Mara Jo Rummer, Delaware
 Mary Boisenue Ryan, Columbus
 Mary Ann Sager, LaRue
 Steven Michael Scarpitti, Columbus
 Cindy Rae Schlarb, Columbus
 Gregory Lee Seelenbinder, Columbus
 Kathy Marie Seits, Bucyrus
 James Leonard Sielschott, Rockford
 Karen McCullough Smith, Lima
 Paulette Newcomer Smith, Columbus
 Donald Eric Springman, Marietta
 Mark A. Squires, Beachwood
 Brenda Bright Stang, Ashland
 Nancy Renee Stewart, Canton
 Karen Nadine Stutrud, Centerville
 James Harry Taylor, Zanesville
 Terri Shavley Thompson, Sidney
 Andrew Wilson Thress, Columbus
 Kay Peters VonDeylen, Columbus
 Alana Lee Wagner, Mansfield
 Jeanie Newman Wainwright, Columbus
 Wayne Edward Wertz, Columbus
 *Michele Jean Wigginton, Columbus
 Mary Alice Wines, Upper Sandusky
 Brenda Jean Winter, Warren
 Gregory Paul Wolf, Columbus
 Sheila Anne Wood, Natick, Mass.
 Richard Dennis Woodman, Avon Lake
 Deborah Ann Wurth, Columbus Grove
 James Patrick Yankle, Columbus
 Paul Louis Yeager, II, Barberton
 Gary Eugene Zetts, Columbus

**Bachelor of Art Education and
 Bachelor of Music Education
 degrees are offered jointly by the
 College of the Arts and the
 College of Education
 Candidates are listed on page 8**

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Two candidates

Jon Marson Bonime, Columbus
 John Marshall Housley, Cincinnati

Bachelor of Science in Agricultural Engineering

Two candidates

Bruce Nathaniel Hagen, Deshler
 William David Snyder, Columbus

Bachelor of Science in Ceramic Engineering

Two candidates

John Eric Factor, Nashport
 Ken Wing Lee, Columbus

Bachelor of Science in Chemical Engineering

One candidate

Jeffrey Thomas Lowry, Brockport, N. Y.

Bachelor of Science in Civil Engineering

Twenty candidates

Bruce Howard Baum, Cleveland
 Gilbert Bargar Black, Columbus
 B.S.
 †Theodore William Black, Shelby
 Philip Hopok Cheng, Columbus
 James Ireland Crammond, III, Oregon
 Charles David Culp, Cuyahoga Falls
 Mark Alan Forwerck, Pittsburg
 Roger Lee Green, Baltimore
 William Newton Grove, Columbus
 Jeffery Ross Hosner, North Olmsted
 Jack Dennis Hudnell, Waynesburg
 Thomas Clifford Miller, Lebanon
 Gregory J. Moore, Columbus
 George Evan Nalms, Cadiz
 William Joseph Pizzino, Newbury
 Mark Joseph Schoepner, Columbus
 Rickard Alan Sicker, Columbus
 Donald James Violet, Springfield
 Paul Arnold Watkins, Columbus
 Michael Charles Worthy, Salem, N. H.

Bachelor of Science in Computer and Information Science

Nine candidates

Sima Ahmadi-Marandi, Tehran, Iran
 Steven Lee Brainerd, Aurora
 Richard Parker Brown, Columbus
 Rock Gilbert, Oberlin
 Robert Thomas Hewitt, III, Marietta
 James McKeenan Pennington, Newark
 Gregg William Pittenger, Columbus
 Gary Lynn Popa, Seven Hills
 Pauline Karin Sanker, Rumson, N. J.

Bachelor of Science in Electrical Engineering

Thirteen candidates

Scott Edmund Bailey, Columbus
 Harold Wilford Dean, Lakeville
 Jack James Deno, Whitehall
 Jeffrey Michael Glenn, Columbus

* Also Bachelor of Science in Natural Resources,
 College of Agriculture and Home Economics
 † Also Bachelor of Science in Surveying,
 College of Engineering

Rudy Alan Jones, Springfield
Francis Xavier Mahoney, Ashtabula
Karankumar Lajpatrai Mehra,
Bombay, India
Curtis Robert Panasuk, Hicksville
Kenneth Robert Panzel, Parma Heights
Edwin Lee Pennybacker, Blacklick
Dean Anthony Picciano, Chillicothe
William James Reddy, Columbus
Michael Richard Scheckelhoff, Ottawa

Bachelor of Science in Engineering Physics

Three candidates

William N. Dean, Jr., Columbus
Stanley Frank Quayle, North Royalton
Joseph Ward Thornhill, Sylvania

Industrial Engineer

Two candidates

Earnest Brown, Columbus
B.S. (Ohio University)
Pat O. Kennedy, Columbus
A.B. (West Virginia University)

Bachelor of Science in Industrial and Systems Engineering

Six candidates

Daniel William Hrehov, Marion
Charles Albert Moore, Jr., Youngstown
Frank James Polachek, Cleveland
James Steven Sinal, Youngstown
Victor Thomas Sinal, Youngstown
Rodney Malcolm Slack, Marietta

Bachelor of Science in Mechanical Engineering

Eleven candidates

Norman Harold Bender, Cincinnati
Douglas Francis Busch, Kettering
Michael Thomas Cavanaugh, Columbus
Wendell Hillis Cornslet, III, Columbus
Charles Walter Dantzer, Columbus
Douglas Clarke Grant, Columbus
Maria Elizabeth Heimlich, Attica
Robert Francis Kelley, Jr., Worthington
Richard Thomas Ondrejko, Cambridge
John Robert Spain, Hudson
James Patrick Tracy, Newark

Bachelor of Science in Surveying

One candidate

2Theodore William Black, Shelby

Bachelor of Science in Welding Engineering

Four candidates

Frederick Anton Ade, Jr., Mansfield
Joseph Marvin Barker, Worthington
Basil John Nicolozakes, Cambridge
Thomas David Spry, Wadsworth

School of Architecture

Bachelor of Science in Architecture

Seven candidates

David Lee Bircher, Canton
Gregory Chere, Oxford, Conn.
Robert Frank Gwyn, Fostoria
Mark Xavier Slivka, Youngstown
Richard Philip Van Deusen, Xenia
Mark Alan Vasko, Ashville
Jayne Ann Williams, Columbus

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Five candidates

Arthur Alan Altman, Cincinnati
B.A. (University of Michigan)
Michael Alan Burgin, Shaker Heights
A.B. (Washington University)
Laurie Cass Miller, Cincinnati
B.A. (Yale University)
David Frederick Mitchell, Kent
B.S., M.S. (Kent State University)
John Benjamin Saks, Shaker Heights
B.A. (Sarah Lawrence College)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Three candidates

David Henry August, Westerville
Sandra Jean Batdorff, Tiffin
John Joseph Bernhart, Columbus
Robert Kenneth Betts, Columbus
John Martin Braithwaite,
Middleburg Heights
David Allen Dumond, Columbus
Robert Roy Eisiminger, Columbus
Claire Florence Johansen, Fremont
Daniel McGuirk, Columbus
Teresa Kimmett Miley, Delphos
Janet Eileen Traunero, Tiffin
Eric Alan Wise, Columbus

Certificate of Nurse Anesthetist

Six candidates

Ruth Miller Allison, Columbus
R.N. (Saint Vincent's School of Nursing,
Indiana)
Dorothy Arlene Bradbury, Columbus
R.N. (Marion County General Hospital
School of Nursing, Indiana)
Cheryl Renee Dorsey, Columbus
B.S. Nurs.
Timothy Frederick Hoffman, Bellbrook
A.B. (Bus.) (Earlham College);
B.S. Nurs. (Wright State University)

Catherine Ann Kleckner, Dayton
A.A.S. (Sinclair Community College)
Elizabeth Callahan Thompson, Columbus
R.N. (Lynch General-Marshall Lodge
Hospital School of Nursing, Virginia)

Certificate of Post Baccalaureate Circulation Technologist

Two candidates

Michael Peter Kostiuk, Elyria
B.S.
Brian Richard Paules, Whitehall, Pa.
B.S.

School of Nursing

Bachelor of Science in Nursing

Twenty-nine candidates

Monica Hinkle Baker, Columbus
Barbara Jean Bowers, Aurora
Sandra Jean Clyse, Ironton
Nancy Lynn Craig, Cincinnati
Julie Hoffman Detomo, Dayton
Patti Ann Duccilli, Cincinnati
Diana Schwab Elliott, Dayton
Susan Jo Frost, Columbus
Laura Jean Grieve, Columbus
B.S.P.E. (University of Florida)
Rosella Irene Huck, Lowell
Sue Ann Jagodnik, Wickliffe
Bonnie McConnell Kingman, Akron
Jo Lynn LeBeau, Washington C. H.
Cynthia Ann Levering, Fredericktown
Karen Sue Long, Lowell
Katherine Elizabeth Lowe, Columbus
Rosalie Kachut McGinnis, Strongsville
Peggy Lynn Martin, Columbus
Paula Kay Meidl, Columbus
Judith Ann Novak, Rome
B.S.
Bonnie Lynn Paul, Columbus
Rebecca Lynn Kenfrew, Youngstown
Patricia Lynn Rudy, Columbus
Diane Marie Schaefer, Sandusky
Michael Aaron Sheets, Gallipolis
Denise Stage, Nelsonville
Susan Jane Turner, Dayton
Karen Lee Valuska, Wintersville
Thomas Joseph Yanick, Euclid

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

One candidate

Sheila Margaret Matz, Sandusky

2 Also Bachelor of Science in Civil Engineering,
College of Engineering

College of Social Work Graduates with Honors

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Thirty-eight candidates

Susan Elizabeth Bell, Cleveland Heights
Bonnie Jo Bumpus, Frazeesburg
Nancy Susan Burwell, Ironton
Nylita M. Cain, Gallipolis
Sara Ann Chasman, Dayton
Marsha Ann Cochran, Whitehouse
Debra Lynne Dolinsky, Beachwood
Karen Kay Ekstrom, Lima
Barbara Jeanne Genet, Barberton
Mary Alice Griffith, Cincinnati
Leesa Ann Hall, Canton
John Edwin Hecht, Jr., Mansfield
Cathy Ann Wolford Hudson,
West Lafayette
Keith Alan Jacobs, Cleveland
Diane Mary Kiddie, Dover, Mass.
Leslie Jean Krahl, Columbus
Beverly Jean Langley, Columbus
Craig Boice Line, Findlay
David M. Loar, Columbus
Diane LaVelle Mead, Westerville
Patricia Angela McCabe, Columbus
Rebecca Lynn McClaran, Avon
Carol Ann McCormick, Columbus
Theresa Marie McSweeney, Columbus
Dan Kevin Niles, Bucyrus
Laura Marie Philburn, Middletown, N. J.
Steven P. Plouck, Bryan
Elizabeth Anne Rapp, Kenton
Smith Reid, Jr., Columbus
Deborah Lowry Sanborn, Shaker Heights
Gloria D. Sanchez, Painesville
Penny Lynn Schwartz, Beachwood
Robert Mack Seaman, Peebles
Cynthia Reed Smith, Toledo
Dorothy Ann Treiber, Columbus
Regina Wicks, Zanesville
Don L. Williamson, Columbus
Holly Irene Winterland, Centerville

Summa Cum Laude

Robert Mark Bibler, Lancaster
Charles Walter Dantzer, Columbus
Petra Reichenbach Donofrio, Westerville
Dennis Wayne Fogarty, Springfield
Laura Jean Grieve, Columbus
Leesa Ann Hall, Canton
Linda Joe Herman, Columbus
John James Joseph, Westerville
Michael Alan Mautz, Sandusky
Robert Joseph O'Neil, Columbus
Elizabeth Anne Rapp, Kenton
Karen McCullough Smith, Lima
Sarah Elaine Smith, Coshocton
Molly Moor Stafford, Columbus
Janet Eileen Traunero, Tiffin
Kay Peters Von Deylen, Columbus
Mila Jayne Wheeler, Columbus

Summa cum laude with distinction in Agricultural Economics

Christopher John Anderson, Maumee

Summa cum laude with distinction in Agricultural Education and Animal Science

Rick Lynn Fruth, Holgate

Summa cum laude with distinction in Classics with honors in the Liberal Arts

Allan Jay Silverman, Columbus

Cum Laude

Robert Kenneth Betts, Columbus
Pamela Sue Biddinger, Kenton
Paula Mary Blair, Columbus
Veronica Lynne Bowers, Lima
Barbara Jean Bowers, Aurora
Cynthia Lee Brinker, Tequesta, Fla.
Douglas Francis Busch, Kettering
Mona Denise Cramer, Perryssville
William Charles Davis, Cincinnati
Roger Daniel Ditmer, Sidney
Debra Lynn Dolinsky, Beachwood
Diana Schwab Elliott, Dayton
Barbara Louise Fett, Lima
Laura Ann Foster, Cincinnati
Michael Anargiros Frangopoulos, Campbell
Terrence Patrick Funderburg,
Yellow Springs
Cynthia Lee Geisler, Newark
Nancy Pontius Goldsberry, Amanda
Glenna Sue Gurtz, Port Clinton
Kimberly Parr Harju, Columbus
Linda Herritt, Westerville
Edward Allen Holmen, Elyria
Cathy Ann Wolford Hudson,
West Lafayette
Timothy Charles Irwin, Bellefontaine
David Lawrence Jones, Lucasville
Thomas Eric Lodge, Columbus
Peggy Lynn Martin, Columbus
Thomas John Masaryk, Wadsworth
Robert Jarrett McColister, Columbus
JoAnn Moffett, Mansfield
Lawrence James Peck, Columbus
Linda Mae Pollak, Middlefield
Karen Roberts Retherford, Westerville
Thomas Ray Richards, New Washington
Scott Lee Romine, Gallion
Robin Rosalie Rue, Cincinnati
Jane DeRolph Sammons, Columbus
Steven Michael Scarpitti, Columbus
James Asa Skelton, Canfield
Gregory Lee Seelenbinder, Columbus
Dane Stinson, Clarksburg
Terri Snavley Thompson, Sidney
Joseph Ward Thornhill, Sylvania
Peggy Lynn Twohig, Fairview Park

Joe Robert Welker, Sterling
Thomas Alan Wingfield, Ridgeway

Cum laude with distinction in Agricultural Economics

Douglas Lee Hertlein, Martinsville
Michael Paul Papai, Columbus

Cum laude with distinction in Horticulture

Gregory Alan Miller, North Canton

With distinction in Agricultural Education

Dennis Merle Hann, McConnelsville

With distinction in Fisheries Management

Thomas Earl Lenhart, Findlay

With distinction in German

Johanka M. Klaban, Cincinnati

With distinction in Social Sciences

Susan Ann Warner, Newark

With distinction in Sociology

Bettye Pfau Vicent, Columbus

With distinction in Zoology

Marc E. Kanter, Cincinnati

While every effort is made to ensure the accuracy and completeness of the names appearing in the Commencement Program, printing schedules occasionally make this impossible. Therefore, the University's permanent academic record for each student is the official registry for conferral of a degree.

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 3, 1978

The Board of Trustees met at its regular monthly meeting on Friday, March 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, Howard D. Sirak, Patricia D. James, Chester Devenow, Warren J. Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

March 3, 1978 meeting, Board of Trustees

The Chairman, Mr. Gushman, called the meeting of the Board of Trustees to order at 9:00 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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The meeting of the Board of Trustees reconvened at 10:00 a.m.

ELECTION OF ACTING TREASURER

Resolution No. 78-88

WHEREAS Rule 3335-1-02, Paragraph (B) of the Administrative Code, provides for replacement of Board officers through election; and

WHEREAS Mr. Ernest W. Leggett, who has served as Treasurer of this Board, has retired from this University position; and

WHEREAS a successor has not been found as of this date:

NOW THEREFORE

BE IT RESOLVED, That Mr. Leonard V. Cook be elected as Acting Treasurer of this Board.

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

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MEDICAL PRACTICE PLAN

Mr. Gushman:

This morning we have a request to the Board to speak from Robert L. Wall, President of the Medical Society. Is Dr. Wall present?

Dr. Wall:

I would like to thank Mr. Gushman and Dr. Moulton and the Board again for permitting us to speak and address this body. If you will recall one month ago we did, and at that time you will recall we were representing 200 full-time clinical faculty MDs, who comprise our Medical Society. It was, in essence, a briefing, realizing that about 95 per cent or more of what the Board gets is usually brief from us, from the President's Office and from his associates. It does seem that on any subject that has produced such controversy and could have a great influence on the University and on the community, all views should be represented so that the Board would not be at a disadvantage in making its best and most responsible judgment. At that meeting, we also rejected the first draft proposal unanimously, as it clearly was showing the problems of drafting such a document by its authors

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Dr. Wall: (contd)

who had somewhat of a limited experience in medical colleges and had excluded essentially most input from the medical faculty. I would imagine in retrospect that probably all of our parties realize that the initial plans were somewhat disastrous. We also at that time offered a counterproposal that gave accountability of paying our expenses related to practice income, and we strongly advised continuance of all the twelve departmental practice plans then in existence. Some of them had been in existence as long as ten years. To date we have not had any formal response to that proposal.

One week ago, a second proposal was offered by the Administration to a limited faculty representation, which is made up of department chairmen and the elected representatives of the Medical Society Practice Plan. However, the elected officers of the Medical Society Committee were denied attendance despite requests made on two occasions-that was on Thursday. On Friday-attempts were made by many of the departments to obtain copies of this so that our faculty could read it, and we contacted Mr. Vandament's Office and these were obtained Friday afternoon. The faculty read them over the weekend and organized departmental meetings on Monday, Tuesday and Wednesday to discuss them and comment on Plan Two.

But it was on Wednesday afternoon that all the faculty members received Plan Three, really, before they really digested Plan Two. I did not get to read mine until late that night because I was meeting with the Administration outlining some areas of common concern and interest. Even before we had a chance to read it, a local newspaper had commented on it in an interview. Now all 200 of our faculty members have read it and are concerned with many features in it. Even while these discussions were initiated we read, and it might not be properly reported in the *Lantern*, that this is the plan and no future one will be made unless the Board so instructs the committee. We have great difficulty in characterizing these activities as clearly showing a concern for open discussions with our faculty. If the plan is really good, why not present it to all and have a free discussion? The continued loss of valuable faculty, the unrest and disruption of our mission continues. We originally pleaded with the Board not to polarize our faculty, and unfortunately, I think this has probably occurred. It can be undone by honest, purposeful interchange of information in good faith so that our Administration might continue to learn from this faculty input. Our faculty now having met by departments has unanimously rejected Plan Three. There is solidarity in this unanimous rejection as evidenced by letters submitted from the Departments of Medicine and Pathology delivered to President Enarson and Mr. Gushman, I believe, yesterday, and by additional statements that will be handed out (and will be available from Dr. Williams), signed by the rest of the faculty members of other departments. The reasons for rejection are many, ranging from the fact that this seems to many as a breach of the contract by which they were originally recruited over the last two to three decades when they continued to be employed; to the item of a failure to suggest any reason for its inception other than control; and surely not

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Dr. Wall: (contd)

containing evidence that would suggest it might in any way improve the three missions of our college, which are teaching, research and patient care. Accountability is contained in our counterproposal. Most suggest that taking over the financial operation of the hospital finances by the Administration would probably weaken it as it would be done by people with somewhat limited experience, probably. Surely the functions of our hospital and the College of Medicine absolutely relate to the quality of patient care and should not be any pawns to a power play. Our patients and students, I think, deserve better than that. This problem should be settled by the Board, not by court. I would hope that possibly rationality and common sense would prevail so that further irreparable damage is not done to our college. I am pleased to see that a number of our faculty members have come here today and many of them are more knowledgeable about some of our functions than I am, I am sure. I think that if there are questions we could answer that in any way would assist the Board in understanding our function, we would try. Our legal representatives are present because we do not understand legal things, obviously, and we would invite any questions to Dr. Williams that we might be capable of responding to. I think you will recall some of the other folks from different departments sitting here and if I may in answering any questions use their resources, I would appreciate it. Thank you.

Mr. Hilliker:

If I understand you correctly, your first objection is that Plan Three or probably any practice plan would be possibly a breach of employment contract. I may not have exactly the proper wording, but I would like some further elaboration on how it would be a breach of an employment contract?

Dr. Wall: May I call upon our legal representative?

Mr. Hilliker: Surely.

Mr. Gushman:

Certainly, but if your legal representative is going to speak, I would like for him to first tell me in what capacity he is here and whom he represents.

Dr. Wall: Mr. Robert Nordstrom and Mr. Sam Porter.

Mr. Nordstrom:

My name is Robert Nordstrom. I represent 154 doctors in the College of Medicine, who have employed the firm Porter, Wright, Morris & Arthur, of which I am a partner.

Mr. Gushman: These are individual doctors.

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Mr. Nordstrom:

Individual doctors. When many of these doctors were hired by Ohio State University, the College of Medicine was on probation and they were employed with the idea--the present idea--that they would have their teaching salaries which would be extremely low, and they would have facilities available for the practice of medicine. That went on for many years; in fact, until the practice plan in 1971.

Mr. Hilliker:

So what you are saying is that this would create an ongoing thing that could not be changed.

President Enarson: Into the 25th Century.

Mr. Nordstrom:

No, that is not true at all. Of course, the doctors are responsible for the costs for the facilities. They recognize that, but the doctors who are here would have that kind of a contract.

Mr. Hilliker:

In other words, these aren't year-by-year contracts subject to renegotiation prior to the beginning of each academic year.

Mr. Nordstrom:

The doctors who have tenure have a right to their income. This thing is going wrong--can anyone help me on this before we get on a people basis, and I don't want to do that.

Mr. Hilliker:

The first objection was listed as a breach of employment contract and I am trying to determine where the 'alleged breach' would fall. I don't see a breach of an employment contract by instituting a practice plan and I just need some clarification on this.

Mr. Porter: I think there are several factors involved.

Mr. Gushman: Excuse me, Mr. Porter, are you representing the same 154 doctors?

Mr. Porter: Yes, your honor. I think you know where I have been.

Mr. Gushman: Thank you, yes I do.

Mr. Porter:

Without repeating what Mr. Nordstrom has said, obviously the history goes back a long time. What is being presented to the Board for its consideration today is an

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Mr. Porter: (contd)

abrupt departure from that employment situation that has existed and the relationship between these doctors and this institution. Now it seems to me that within that historical framework there are rights that have accrued that cannot be unilaterally changed in this way. Now I recognize this and would not want the Board to misunderstand--I recognize it--and we recognize that the Board has the responsibility for the management of this institution and they have the ongoing responsibility with respect to salaries, property, and the whole bit; but so far as some 200 doctors are concerned they hired in under a given set of conditions and it seems to me that there is a precedent to that or a history to that which creates certain rights within; that is basically where we would come from. Now whether it gets wrapped into tenure, I don't know. But I do believe that there are rights that cannot be unilaterally changed with respect to these people. Now we made the suggestion to the committee, or at least to Mr. Gilbertson, that maybe one of the things that should be done was to 'grandfather' them and somebody suggested--one of the doctors--the way they work in coronary and all the rest, it wouldn't take very long until you would have a complete turnover and not have the problem. I hope that you will give me the opportunity to state what I think is the real issue and, if I might, if that would be appropriate, I would like to speak to it--

Mr. Devenow: What are your feelings? I don't understand this contract implication.

Mr. Gushman:

As I understand it, a doctor can leave at any time he wants to. Is that correct?

Mr. Porter: Well, I think you can leave at any time--that's right.

Mr. Gushman: Well, where is this contract binding then on the University?

Mr. Porter:

I think that when he came here in 1955 or 1965 under the representation that, 'if you will perform in the following way, you may practice privately and the income which you attract belongs to you,' and he devotes fifteen years or twenty years of his life and his professional practice to that, I think that he acquires certain rights.

Mr. Gushman:

You may go ahead. We are not going to try a law suit here, not while I am presiding, anyway.

Mr. Porter:

And please, I understand that there are other lawyers in the room that I am sure disagree with me. I think that there are two basic issues and I'll take the first one and put it aside because it is your responsibility, obviously. I am not competent

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Mr. Porter: (contd)

to speak to it, but it is this. There is the basic underlying question of whether or not this is a sound way to run the Medical School. And when we were retained by these doctors we hired consultants, we sat down, we have worked with them in connection with practice plans; and the ones that we have studied and the advice that we have had from those people would lead us to believe that there is a more appropriate way of going about the development of a plan and what planned action to take, but that is not a legal matter. The second thing, and to me the real problem that I have with the plan, and I think the real problem that faces the University and the Board is this. This plan regulates private income. It just flat out regulates private income and it starts from the proposition that you are a full-time faculty member if the time devoted exceeds, I think, 50 per cent. Now to my way of thinking, that means that there is 49 per cent or 45 per cent or so that is available for something else. For example, the doctor may be associated at Children's Hospital; he might have some other hospital connection and be well within the framework of his contract with the University. Now this practice plan reaches all of that income; it reaches it regardless of its source, and it distributes it. It takes from it not based on utilization of University facilities and redistributes it based upon the conceived view or conceived financial needs of the department and the Medical School, and I think that there is something fundamentally wrong with that. I think it is obviously in my view that it is not desirable to deal with private income in that way, but I would also suggest to you that there is a distribution that I find very difficult to deal with. Part and parcel, I think part of the reason that the doctors have so much difficulty is that they don't understand, and neither do I, why they are singled out among all of the faculty members at Ohio State for this particular type of treatment, and if the theory is that an individual owes 40 hours a week and he's accountable for that, then obviously you can work with that. But that's not what this does. This says every dollar that he produces shall be treated as practice income as though it comes from here. And I might add that in my discussions with the members of the committee that they have taken a flat-out position that all income produced by a doctor, one of these 200 doctors, belongs to Ohio State University. That's the position where they come from. I think it is wrong, and I don't believe it is sound, and I think it's inferred in the plan as proposed.

Mr. Gushman:

Thank you, Mr. Porter. Are there any questions to Mr. Porter? I repeat again, I don't want to treat this as a courtroom, and if there are going to be legal problems, they are going to be between counsel and not between Board and counsel. But if you want to question him on the facts of any statement, now is the time to do it. Warren?

Mr. Smith:

Just one question. You talk about 'grandfathering' and identifying a time period in which such a commitment was made. I am sure this type of commitment wasn't made a year ago, it wasn't made 10 years ago, 20 years ago. Are we talking between 1954 and 1958 or --

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Mr. Porter:

Well, obviously, I can only speak to it from what I have been told. I understood it went back, and historically it started after the Second World War when this Medical School was in deep trouble and it was without adequate funds in order to staff it. And at that time the attempt was made to bring in the caliber of people that have been attracted, with the understanding that there was not adequate money to pay them and their income would have to come from private sources. And that was a practice that has grown up and has continued over the years and, as I understand it, as a matter of fact, exists in many medical schools. I want you sir and the rest of the Board members to understand something, that when we were retained I said to your counsel and to Mr. Gilbertson and to the people that we represent: we do not believe that this matter should be settled in court. This matter should be settled right here and we would certainly do everything possible in order to accomplish this.

Mr. Gushman:

Thank you. Other questions from the Board? Pardon me. Dr. Wall, sure, anybody. You're willing, aren't you, doctor?

Dr. Wall: If I know the answer. If I don't, I'll ask for help.

Mr. Smith:

I think I know your answer, but I think I would like to hear you discuss it, and, that is, practice plan income. Is that an institutional resource which we share with doctors to give them incentives to develop practice plans, or is that a physician resource shared with the University?

Dr. Wall:

It is a physician resource until he voluntarily gives it up. It has always been traditionally that way at this institution in the practice of medicine. We voluntarily have contributed a great deal. I think that is one of the merits of some of the things that we are already doing, that we have had an evolutionary plan, one that we have generated ourselves by recognizing needs in our departments that were not subsidized by the University. The support of many of our house officers, young people in training, and fellows, support of our outpatient facilities--these were voluntary systems, but the money had to be earned and then it was voluntarily contributed. This has been going on for a long time.

Mr. Smith:

I get the opinion that it is a byproduct of the institution. It is there because the institution is there, it's not there because the doctors are there.

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Dr. Wall:

Well, the only person that can generate a professional fee that I know of is a doctor; a hospital cannot practice medicine to my knowledge.

Mr. Smith: The hospital creates the form or the college creates the form.

Dr. Wall:

Whereas at Riverside, too, or Mt. Carmel, the hospital doesn't generate the fee; the doctor does for his services.

Mr. Smith:

The primary function at those hospitals is to treat patients; and this hospital is into patient care, research--

Dr. Wall: They are intertwined; obviously, you can't teach what you can't do.

Mr. Smith: That's right. The primary function is teaching and research, probably.

Dr. Wall:

The reason why our salaries were given to us is because of our teaching responsibilities that are over and above the usual functions of many physicians.

Mr. Smith:

Do you think it is universally accepted, I mean, throughout all institutions that this is physician income to be shared?

Dr. Wall:

I think there are exceptions; at least in the State of Ohio there are. The exceptions are, I think, the Gallipolis Clinic and the Cleveland Clinic that were 'grandfather' cloused under the Ohio Code when they were permitted to continue their participation; at least that's what I have been told in previous discussions about this. I don't know the legal background on it, sir.

Mr. Smith:

I meant that not just within this state, but generally throughout the country?

Dr. Wall: They are until they are voluntarily given up. Yes sir.

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Mr. Smith:

I guess the question I am asking you couldn't answer anyway. I just want the concept of the total medical profession or in teaching in colleges. Do you think the concept holds that that is a resource of the practitioner?

Dr. Wall:

I think it does. I think if you will look at some of the plans--I would not like to quote them by source. I am sure that you have had resources that have gone over these as we have. Many of these look good on paper but their actual function is avoided. There is one in Ohio. Most of the patients that would provide significant income are cared for in ancillary hospitals and this is happening, I think, in a lot of teaching hospitals. Their censuses have dropped. I am sure you are aware of this and I am sure that hospital administrators could speak to this much more knowledgeably than I could, that if there is an alternate pathway that is what will happen.

Mr. Hilliker:

Doctor Wall, you made a comment to the effect that there seems to be no reason for this plan except control or possibly a power play by the Administration, etc. Do you see an obligation of this Board, since we are talking about it, in deferring these costs using public funds? Do you see an obligation on the part of this Board to effect some kind of control? In other words, in our role as--I am not saying guardians of the public funding--but in effect I guess that's what I am saying.

Dr. Wall:

I guess if you believe that, then it should apply, I would think, to all faculty of the University.

Mr. Hilliker: You do see an obligation on our part or a responsibility on our part?

Dr. Wall:

I see the responsibility to assess. I really can't speak to the legality of that; I really can't.

Mr. Hilliker:

And I can see the hospital as an entire facility. It's a little different type of animal as far as the public is concerned--we're definitely providing a public service and we are using public funds to provide that public service. My question comes to an accountability as to how we are expending these funds? It is a little difficult for us under the present arrangement to answer any questions of anybody as they come to us.

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Dr. Wall:

All this data comes from being regularly audited, and you have regular accreditation visits. You have regular auditing systems through your dean.

Mr. Hilliker:

No, I think what we are spending we don't know in effect, I am sure we can account for the dollars that we have spent, but in reference to the whole pie, it is a little difficult to account under the present type of non-unified system.

Dr. Wall: I don't think that is entirely our responsibility to come up with that.

Mr. Hilliker: No, I think it is ours.

Dr. Wall: Yes.

Mr. Hilliker: And I think that is what we are attempting to do.

Dr. Wall:

And if you don't have it, I wonder why you don't have it, say, for the hospital or something like this.

Mr. Hilliker: Well, this is, in my opinion, an effort of what we are attempting to do.

Mr. Gushman:

Further questions? We are going to have other people talk here, doctor, and I hope you can stay because you may want to question somebody else's statements or have some input, and if you do, we'll be glad to hear you. As a matter of fact our Board procedure, as most of you know, requires certain notification about speaking so we don't get our meetings completely cluttered. You complied with all of that, but I just want to say if you want to introduce any of your colleagues or anybody else at this time who, within a limited time span, want to address themselves to this, this Board will be glad to hear them, and I am not establishing that as a precedent. I may rule differently at the next meeting, but I think this is a serious problem and we want to have full input here today. Well, if not, Dr. Enarson, will you go on with your part of this presentation?

President Enarson:

Mr. Chairman, members of the Board, distinguished guests and counselors, as President of a major university I know full well and intimately from experience that change is traumatic in any large and complex organization including the University. I deeply believe that this Board as a public board is charged with a public trust of protecting and safeguarding and promoting the public interest. It is an

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President Enarson: (contd)

incontestable fact that roughly nine out of ten of the medical colleges--university-based medical colleges--in this country do have college-wide plans. It is also incontestable, as anybody can easily find out from going back and chatting, talking with presidents, deans, and faculty members of institutions, Dr. Wall, which have initiated university-wide plans, that this becomes to some degree a painful and traumatic episode from which they recover and go on to become stronger institutions. I won't recite the long and painful history which led this University to virtually stand alone in the nation in not having a plan that would provide a full accountability to the people who pay the bills, the taxpayers of this state who have funded over the years, University Hospital, and who put \$42 million into new facilities. You know the history as well as I, you simply read it in a different fashion than some of us do. I was directed by this Board, after considerable discussion, to develop after consultation a single appropriate practice plan for consideration. As President, I appointed a committee on September 9, 1977. It included Dr. Sirak, a member of this Board; Dr. Kathryn Schoen of the Central Administration; Eric Gilbertson, of my office; and Dr. William Vandament, Executive Assistant to the President and Director of Budget and Resources Planning. I will refrain from commenting because others who were directly involved will speak to the point. I will refrain at this moment from commenting about the bald assertion, and I read it as that, of no consultation, or no willingness to listen. The point is that the process has worked. The point is that at long last our committee did elicit from a substantial number of persons, including the leadership group, their views, their opinions, their judgments, their sentiments, their convictions. Out of that was shaped this particular draft. Before I turn to Dr. Sirak to introduce this topic and to move toward an orderly, thorough, complete, full presentation of the proposed plan, I will simply say again that if one is to speak of accreditation, one must in all fairness go back to an accreditation team which visited this campus and pointed out in cold print that absence of the college-wide practice plan was a serious omission. I would like to turn to Dr. Sirak, who will then open the discussion and move to other presentations for the benefit of the Board.

Dr. Sirak:

Mr. Chairman, Mr. President, ladies and gentlemen, when we submitted the original practice plan we had no beliefs that it was in acceptable form or that it would be anywhere near a close approximation of what we wanted for this medical faculty. It was submitted purely to act as a can opener, springboard, conversation, dialogue between ourselves and the medical faculty and in that respect it was admirably effective. We elicited much response and much advice and have applied it to the current form of a practice plan as it exists today--third draft as it has been referred to. We have met with many, many individuals in the college on each one of these practice plans as they were developed; the medical executive committee; and representatives of individual departments, individually and collectively.

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Dr. Sirak: (contd)

And I think as testimony to that fact, we have accepted a great many of the valid proposals of the medical faculty and have incorporated them in the present draft of the practice plan. We realize that there is no such thing as a perfect plan, but we do think that this plan in its present form is a workable, good plan for The Ohio State University College of Medicine. As evidence of some of the input that we have received from the medical faculty, which is incorporated in the plan, are many of the following major items. This plan puts no limit on practice income, such as exists in the vast majority of plans throughout the United States. The plan permits MDs to continue to do their own billing, with an option, if they so elect, to use a central billing service in the hospital. The plan contains much decentralization of decision-making by keeping it at the department level, decision-making insofar as dollar reimbursement and also in terms of cost containment. This plan does not spell out fixed amounts that everyone must give; that is delegated to the department chairman and his counsel from within his own department. This plan does not remove the practice income of one department and reallocate it to other departments. This plan permits doctors, at departmental chairmen discretion, to change academic status and remain within the hospital and maintain their practice and their status at their own election. This plan, ladies and gentlemen, in my opinion, and I think I can speak for the rest of the members of the committee, does not drive out doctors who conscientiously want to work in an academic institution. Now at the same time, this plan does provide accountability and fulfill Trustees' responsibility to the public for providing accountability to it in their capacity as Trustees of The Ohio State University. Ladies and gentlemen, I very strongly endorse this plan and I repeat again, I don't think it is perfect, but I don't think that it is possible to arrive at a perfect plan. I think that we have received all of the consultation and the input from the faculty that can be reasonably expected to be incorporated into a practice plan.

President Enarson:

I would like to call upon Bill Vandament who, in one sense, has spent an inordinate amount of time on this matter because, it may come as a shock and surprise to some of you in the audience, this is not the only concern that this University has. He has major responsibilities in shaping the budget and in addition to those responsibilities he has spent I can't guess how much time working with you, and I would like to have Bill speak to this.

Dr. Vandament:

Thank you very much. It has been an experience I think that in many ways has been a rewarding experience, Mr. President, and as I look into these familiar, if not always friendly faces, I can report for myself that the personal experience

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Dr. Vandament: (contd)

has been one that I have enjoyed very much. We have engaged in vigorous discussions, but I think at all times the discussions have been constructive and have been positive in nature. I would like to reassure the Board that in describing the plan, you are not in for one of my typical budget slide shows that goes on interminably. I notice some squirming in the chairs; I will try to be brief. You do have copies of the plan.

I think the best way to describe the plan would be to go through the steps that would be involved in its operation and for that I have a couple of overhead projections that I would like to use. That's a little bit skewed but I think it is all on focus so that everyone can read it at any rate.

The first step in the process is the assessment of the cost and what we show on the screen here is the method by which the cost obligations are determined. These are both for the practice costs and also for the costs of academic improvement. First, if we move to the practice costs, obligations of the department, we have really three components that must be considered in determining what we would call a net practice cost figure. In the first place, the direct costs are those costs that departments plan for, and we are recommending that they plan for them on an annual basis and for such costs as personnel, supplies, and equipment, develop a budget for each year in terms of the costs of their practice. In large measure these costs will be costs incurred in the University Clinic, but the option remains also for there to be direct practice costs associated with some practice in facilities outside the University where that kind of practice is necessary for the academic program. The development of this budget is, of course, the responsibility of the department chairman; but in the proposal we are also calling for a department finance committee to advise the chairman in developing this kind of budget. In the plan we also call for an approval by the dean of each of the departmental direct cost budgets.

The second item is based on what the department will indicate its space needs and support service needs to be as well. The cost of providing these by University hospitals would then be calculated by the University for the use of University facilities and support services. There has been some concern about placing an upper limit on the amount that could be charged for these services, and we have stated in the plan that the charges for such services shall be no more than the charges that would be standard in the community for comparable services.

Finally, we get to a credit item and this is the credit for the teaching and research activities that are being conducted through the practice budget that has been submitted by the department. There may be, because we are operating a teaching facility as well as a treatment facility, additional support personnel and facilities that are being utilized that a private physician would not have and would not have to pay for. You will recall that annually we do get a teaching and research allocation from the General Assembly in recognition of the teaching and research function that goes on in the hospital complex. It is at this point that the dean will

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Dr. Vandament: (contd)

review the departmental budgets with the chairmen and their various activities to find those costs that are embedded in the practice costs budgets that are actually attributable to educational and research activities. Therefore, as a final departmental obligation then we have the sum of the first two items minus the amount of credit that should be applied for the teaching and research function.

The second type of cost that needs to be assessed and budgeted for the year is the academic improvement costs, and here we are talking about a budget which will provide for enrichment and improvement of the academic program. Such things as journals, travel, salary supplements for people with heavy teaching and research responsibilities and the provision of personnel that support the academic program would come from that academic improvement budget. This budget would be the responsibility of the department chairmen with the advice of the departmental finance committee and would also be subject to the dean's review.

I think we are ready now for the next overhead. Once the cost obligations have been established for each department, there comes the matter of how these are to be paid.

First, there needs to be some calculation of the cost obligations for individual department members, and under the plan that we are proposing, the department finance committee would meet and recommend guidelines and procedures to the department chairmen for the assessment of these costs to individual members. The department chairmen would then allocate the individual obligations, the department's obligations among its individual members, considering the total income of the individual, the use of facilities and support services, the types of duties that the individual has. You may recall, in our first plan we had proposed an assessment based on the percentage of income generated for individual faculty members and, after receiving many faculty comments and hearing of the complex arrangements that are made in each department, both in terms of a sharing of duties and a sharing of financial obligations, we concluded that the decisions on individual responsibilities could best be made at the departmental level where both duties and financial obligations were melded together.

Secondly, then we move on to the Medical Research and Development Foundation which receives and disburses the funds that are paid to cover practice costs and departmental improvement. Under the proposed plan, individual faculty would make monthly payments to the foundation. The foundation would then reimburse the hospitals and other agents wherein costs had been accumulated; for example, if office space were rented in some off-campus location. The foundation would also maintain accounts then for some component of the departmental improvement funds and would be able to accept funds for other purposes as well. There is a certain amount of flexibility in the expenditure of funds that would be permissible through such a foundation, and therefore we thought it wise to have some mechanism outside the normal University system to allow for at least a

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Dr. Vandament: (contd)

portion of the expenditure of departmental funds. So I think, in general, by running through that process, the only component that has been left out then is the practice plan committee. We are proposing at the same time that a practice plan committee be established, composed of one representative from each of the 13 clinical departments, and that this practice plan committee advise the dean and the foundation on a variety of matters pertaining to the operation of the practice plan. I think with that I will close unless there are any questions.

Mr. Havens:

Before you get off of that number two, assuming this plan is adopted as submitted here, is my assumption right? We've talked about the income from private patients. Doctors own the income and they then contribute monthly a certain amount up to MRDF. Is that right?

Dr. Vandament:

I am not sure that I am following the first part of your statement. You say if doctors--

Mr. Havens: The doctors are collecting their money; I am presuming it's their income.

Dr. Vandament: Yes.

Mr. Havens:

Then they contribute a portion of that--if we agree on the plan--under your plan they would then contribute a portion of that monthly, and that is how it gets into MRDF?

Dr. Vandament: Yes.

Mr. Havens: OK.

President Enarson:

I would like to call upon Eric Gilbertson who has been functioning also as a member of the committee.

Mr. Gilbertson:

Mr. Chairman and members of the Board. As many members of this Board know from the contacts with trustees at other institutions, no practice plan is likely to be accepted gladly by everyone. I think this is clearly going to be the case at Ohio State even though the plan we proposed attempts to meet a great many of the objections the faculty has voiced. In the end I think we have simply reached some

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Mr. Gilbertson: (contd)

disagreements. Even perhaps on the question of whether there is a need for a practice plan at all. We thought it might be useful to review some of those points of disagreement with you.

The first perhaps is that, whether there is really a need to change the status quo. It may become tiresome, but it might be useful to again restate our problems in that regard. First, the University now has no real control over costs associated with the income-producing practice of medicine. They can in no way be accountable for them. We can account for a little more than one-half of the cost faculty allege they are now paying. Others clearly do include malpractice but they also include a variety of other personal expenditures, including unauthorized staff, unauthorized compensation supplements and so forth. Indeed, there are people working in the Medical Center public facilities, of which OSU has no records, on private payrolls. We have no system for the fair calculation of the charges for the use of public facilities, the support services or reimbursement for them.

Secondly, there is a basic equity lacking in the present system or lack of system. There is no question, and we have said this several times, that some faculty now voluntarily give more than any plan could possibly compel them to; others do not. The data indicating that a large percentage of the faculty do contribute in some way to some departmental arrangement in no way should be taken to reflect any adequacy of that.

Third, the University really has no rational basis for allocating our own University general funds resources. We do not know the total compensation of faculty or the total resources of the departments. We set our salaries and our budgets literally shooting in the dark.

Fourth, we have no orderly, purposeful use of the academic improvement funds. We can account for about one-half of what the Medical Society has presented as 'contributions to academic improvement,' these through Presidents Club memberships and so forth. The other half, we can only conclude involve personal expenditures. We have no way of directing those for the total academic needs of the departments or the college. Expenditures now are principally a matter of personal choice.

We agree that a rigidly centralized plan with no practice incentive would be damaging to Ohio State University. This plan does not do that. It is far less restrictive financially; far less burdensome than most practice plans. In short, we think the voluntarism of the status quo, which relies on the generosity of a few is a poor substitute for systematic, equitable policy.

Another objection I think you have heard, or we have heard, is with respect to these practice earnings, their disclosure, who owns them. We believe there is some

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Mr. Gilbertson: (contd)

question about the totally private character of those earnings. I think it is to be recalled they are earned by full-time faculty or substantially full-time faculty. We have used the term 'regular' which means they are tenured or tenure track. They are earned by those persons principally in public facilities. It has become a tenet with us that patient care is an integral part of teaching and research--it is not moonlighting--and unlike income-producing activities of other faculty, it is part of their overall responsibility. We have been told this. We told this to the General Assembly and the people of Ohio when we asked them to build the facilities we now have. Those facilities were built because patient care was necessary to and a part of teaching and research.

The disclosure in this practice plan is a limited one to chairmen, to deans, to the auditing firm; but it is absolutely necessary. The only alternative we saw was a wholly centralized billing and collection system as is the case at most other institutions with practice plans. It is necessary here for a variety of other decisions the University must make, the first of which is setting University salaries. So there is no reason we should be paying the same salaries to persons with six-figure practice incomes as we are to persons with minimal practice incomes and heavy research activities. It is also necessary under our plan to the allocating of the cost recovery burden and the departmental improvement.

Another objection that we have heard is that the proposed plan places arbitrary control in the hands of the dean and the chairmen; that it creates a certain economic uncertainty in the faculty. It's true in a sense.

This proposed plan does not readily yield the 'bottom line' for the individual faculty member. Decisions as to salary, as to the share of the cost burden, support for academic improvement and so forth are to be determined by departmental plans. This is precisely what we were asked for though. The faculty objected vigorously to the rigid application of a rote percentage formula.

Uncertainty is necessary in a highly decentralized plan. We have attempted to build in some guarantees: the ceiling on contributions for academic support and, indeed, having the departments themselves involved in the allocation of costs. If decisions are to be made at the departmental level, as we have been told they should and have accepted, then there can be no firm assurances.

Moreover we have considered a very important point in an academic setting as in other organizations. Someone must be in the leadership role; someone must be charged with making final decisions. The University has got to be more than a loose amalgamation of entrepreneuring individuals and departments. While the dean and chairmen cannot act arbitrarily, they must be able to give direction to those departments.

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Mr. Gilbertson: (contd)

The practice activity is an important component of the work of the college and the departments, and income from this practice is an important resource. It must be used to meet the institution's goals. The dean and the chairmen simply must have a strong voice in that activity.

It has been suggested also that this plan does nothing to promote the academic goals of the college, that is, teaching and research. There is a certain irony in that because the present system we have, fully the lack of a system, places all incentive on patient care with little or none on teaching and research. As a result, you have seen the data--indeed, it was presented to you by the Medical Society at your last meeting--you have seen how we fared in those areas.

This plan is limited in its academic objectives. It does not directly assist the lower income departments with clinic costs--that is something we attempted to do in earlier drafts and found no support for--nor does it seek to reallocate practice departmental improvement funds from the high earning departments to the low earning departments. Again, in earlier drafts we found no support for that.

It does do a couple of things though. It requires the departments to plan the use of academic improvement funds as opposed to allowing individuals to decide for themselves how these so-called contributions will be spent, and it will help to insure that the use of those funds is for the best academic reasons.

It also will permit the dean and the chairmen to rationally allocate general funds budgets to better further the college's teaching and research goals. Faculty compensation, in our judgment, must be viewed as a whole--salary and practice income. We now set these blindly. We hope with the plan to free up a substantial sum of the University general funds money to improve some salaries on a merit basis and also to attract new faculty.

I would say in conclusion that this has been a difficult, and at times unpleasant, matter for our committee. The issues are emotional ones, though we have been gratified by the willingness of faculty to share information with us and to help in our work. We have been responsive to their views, where this was possible. And this was possible on a great many key points.

To state the obvious: faculty have strongly held views in this matter. What is less obvious but perhaps even equally or more significant is that these beliefs vary as widely among the faculty as they do between the faculty and the administration. While some of these beliefs may be self-serving, most are honest beliefs, held with the best interest of the College of Medicine--as each individual perceives those interests--at heart. Indeed, I think the members of our committee have come to hold in the highest regard some of the very individuals who disagree with us most vigorously. I hope they feel likewise.

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Mr. Gilbertson: (contd)

The fact remains, however, that after we have listened and we have understood, we have still disagreed on these remaining issues. And we will doubtlessly continue to disagree. But then, I suppose, in an academic community, disagreement is not altogether a bad thing.

What is a bad thing though is a nagging, continual uncertainty. This matter has been deliberated, debated, discussed at this institution for several years. If our disagreements are any less now than before, it is because we have changed our proposal to meet the demands and the concerns of the faculty, not because there has been evidence of reciprocal willingness to accept change. I simply do not detect that everyone is any closer to joyous agreement now than at other times. I, and I believe I speak for the other members of our committee, have concluded sadly that no neat, easy resolution is to be had or ever will be achievable. In the end, this matter comes to a question of judgment. The plan before you represents our best judgment as to a fair and a workable policy. Thank you.

President Enarson:

Thank you. I certainly associate myself with the remarks just made by Eric Gilbertson. I would simply assert from the very depths of my being and my convictions as a person who has been in academic administration for nearly a quarter of a century that a college, any college, anywhere, at any time, simply must be more than the elected aggregate of its department, or the collected aggregate of individuals. There is again a silent presence in this room. It is the public of the State of Ohio which supports and sustains this great land-grant University. The person who ultimately bears the brunt of working with his colleagues and the fair implementation of any decision by this Board is, of course, the dean of the college. I think that perhaps it is worth saying that the dean of the college was not appointed by the whim of the President. We had at the time a formal systematic search committee. We had a careful review, acted on the recommendations of key members of the faculty of the College of Medicine. I would like at this time to call upon Dr. Henry Cramblett to comment on this plan.

Dr. Cramblett:

Thank you, Mr. President, Mr. Chairman and members of the Board. The practice plan issue in the College of Medicine has been debated too long and needs to be resolved. There are no new points to be raised and I am sure there are no ready answers. The presently proposed plan, as developed by the committee appointed by President Enarson, is in my opinion, the result of careful study and extensive consultation. The committee has revised its original proposal to accommodate some of the desires of the faculty as espoused by their elected representatives, by those attending individual faculty meetings and by the chairmen.

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Dr. Cramblett: (contd)

The plan provides for College of Medicine institutional needs of accountability, for insuring adequate compensation for all of its faculty, and for academic improvement. No plan will please everyone, but given the history and traditions of our College of Medicine, I believe the plan which encompasses reallocation of University funds presents a workable resolution to a complex issue. My staff and I will continue to dedicate our efforts to building an outstanding College of Medicine. This plan will be of great help to us in those efforts.

Mr. Gushman: Does that complete the presentation of your committee, Dr. Sirak?

Dr. Sirak: Yes, Mr. Chairman.

Mr. Gushman:

Dr. Wall, I feel that we should give you a chance for rebuttal here if you would like; you have heard the committee's report and we would be happy to have you say anything you want to say.

Dr. Wall:

I have heard most of these things from Bill and Eric and George Baughman at great length, and I have spoken to the dean and a great number of people. I don't think there is anything to be said that is necessarily new. Maybe some member of our faculty might like to speak to this.

Dr. DeLeo: Could we?

Mr. Gushman: Sure, would you just state your name?

Dr. DeLeo:

I am Dr. Bernard DeLeo from the Department of Anesthesiology; Dr. William Hamelberg, our chairman, is not here. He asked this question the other day of the committee and I would like to ask this directly. He asked it in an attempt to get a 'yes' or 'no' answer. Is the dollar that I earn my money or the University's money?

Dr. Sirak: I'll answer. It's your money.

Dr. DeLeo: It's my money. Thank you.

Mr. Gushman: Any other comments? If not, oh I am sorry.

Dr. Wall:

Dr. Balcerzak of the Department of Medicine--I think an outstanding leader in our research efforts here in the Department of Medicine and Hematology.

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Dr. Balcerzak:

Mr. Chairman and members of the Board, I feel very nervous in front of this group, maybe it is the cold in the room too, but--

President Enarson: It's this way everywhere on campus, I thought.

Dr. Balcerzak: Yes sir.

President Enarson: You're telling me something.

Dr. Balcerzak:

I wanted to speak from a different perspective perhaps than you have heard before. I came to this University ten years ago and for nine years have been director of the division of hematology and oncology. I feel very privileged to be in that position. In that time the faculty has grown from five to ten full-time members and they are good people: people who have devoted their time to patient care with skill and dedication, compassion; people who have spent a lot of time teaching; and also--the major point I want to make--people who have done a lot of research. In the nine years that I have been head, we've brought in approximately \$6 million worth of outside funds as principal investigators--that is not participating in the cancer center or being co-investigators--but \$6 million worth of monies as principal investigators. I am proud of that and I wanted you to know it because it gives, I hope, the perspective from which I am speaking. One of the reasons I have been able to do that, with the help of others is because I have had some flexibility in monies. We have been able to attract people into the division because of the current plan or, as it has been called, a lack of plan. And one of the reasons that I think it has been successful is that we have been able to see what the needs are because we're there locally. I fear that this plan will abrogate that and that those views will not be heard very strongly. I hope that that's not right, but I fear it will be so. That is really what I had to say.

Mr. Gushman: We appreciate your view.

Dr. Wall: There is one more gentleman to speak.

Mr. Gushman: Surely.

Dr. Wall:

Dr. Metz, professor of medicine--and during the unfortunate illness of Dr. Warren at the present time--serves a dual role of being a physician as well as running the department--

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Dr. Metz:

Mr. Chairman and members of the Board, I appreciate the opportunity to talk. I represent the Department of Medicine, which is the largest department of the college, and the department which is most involved in teaching, and does the teaching for approximately 60 to 70 per cent of the elective time for students in their clinical years, and at our school like at most others, I think represents the cornerstone of medical education. I want to make only one point to you and that is that the Department of Medicine is different from other departments, and it is these differences that I think the plan has not addressed; and it is critical to the success of any plan that would have wide acceptance in the college.

Over the last several weeks I have come to appreciate the efforts of the President's committee and especially those of Bill Vandament, who I have come to like very much and enjoy meeting with. I appreciate the fact that his efforts have been sincere and he's had goodwill from the beginning. But I don't think the plan is ready yet, and I don't think it is ready for adoption because there are too many of the uncertainties that Mr. Gilbertson spoke of that are of tremendous concern to the faculty.

And I must preface what I say next by saying that the Department of Medicine is certainly not opposed to a practice plan, and part of the history of practice at Ohio State is that for the past nine years, the Department of Medicine has had a practice plan. Its birth was very painful, in many ways more so than this one. It took many, many months to arrive at a plan which the department could endorse and a plan to which all members were willing to affix their signature. The reason that it eventually ended up being accepted and being successful was that the effort was put into it to take into account the different functions of different people within the department. We recognized the individual contributions of each member of the department, wrote the plan accordingly and in the end did not hurt anybody in the department. We ended up helping the department considerably by developing a new source of funds which had a wide use. At that time, unfortunately, a major part of it went to support house staff.

More recently those funds have gone to support our share of support of the clinic building. And if I could digress for just a second, I suppose that one of the greatest sources of contention in all of our discussions, from the point of view of the Department of Medicine, has been all of the attention that has been directed toward the outpatient clinic building. You may recall that it was first named the Ambulatory Patient-Teaching Facility, which I think from our point of view, is a better description of our activities there than the University Hospitals Clinic. For many of us this building which has become the focus of the practice plan is a not-for-profit operation. We have many people who spend a great deal of time there and do not earn the amount that we would be assessed to pay for that building.

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Dr. Metz: (contd)

In our particular division, that is the division headed by Dr. Balcerzak, for example, we take care of patients whose illnesses are much more complex than those ordinarily taken care of in a physician's office, that is, patients with cancer whose care is quite complicated and complex. The bill for direct costs for the operation of our clinic would come to some \$90,000 a year, roughly \$10,000 a man, and I don't earn that much in the outpatient clinic. So the role of our department there is quite different, and to make that particular building the focus for this practice plan and the focus for our responsibility for accountability is a serious bone of contention for our department. To be sure, there are people in our department who earn a profit there, but it is not a gold mine for the Department of Medicine, which is the biggest department in the college and the department most involved in teaching.

Our major concern about the current practice plan, that is, the current proposal, is that it does not address these differences between departments, and I understand the reasons for the change from so-called Plan B to Plan C. There were some loud voices at the session which Mr. Vandament and others attended recently that said they didn't want funds shifted back and forth from one department to another; I think that is the kind of thing that is open for discussion. From the point of view of our department, we feel that the fact that there are different kinds of departments with different activities has to be taken into account by specific provisions in any practice plan. This practice plan does not address that, and in unanimity our department would reject the current version of the practice plan; and I would urge your careful consideration of the present one, urge you to consider postponing any vote until additional work can be done and we can arrive at one which is more universally acceptable. Thank you.

Dr. Jacob:

You seem to be saying that through this evolution of the three plans that there have been changes made which are beneficial to all concerned, but you think that some more fine tuning is needed; but that's--

Dr. Metz:

Dr. Jacob--I speak only for myself and for the Department of Medicine and I urge you to remember that the Department of Medicine is the department primarily responsible for teaching in our College of Medicine. Our department would not accept the current version; we think fine tuning can be done, but it has to take into account that there are very different kinds of departments in the College of Medicine, and it is this great uncertainty about what the future holds for us that makes the current plan totally unacceptable.

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Dr. Jacob:

Well, we know that the plan has been unanimously rejected by all departments and I am getting to possibly understand now that there is not just one central reason, that each department has an area in the plan which is not in keeping--

Dr. Metz:

I am saying the reasons are quite different from department to department, yes.

Dr. Jacob:

However, we do have a substantial document here which in my opinion does not leave a lot of room for change. I am just thinking in terms of how long do you think this might take if we were to say 'well, let's not act on it today.' How long, I mean we cannot go on indefinitely with the process of consultation and re-writes, and we are never going to make everybody happy; that's a foregone conclusion. Are we talking one month, five months, a year?

Dr. Metz:

Well, Dr. Jacob, the history of the current operation, as you know, is some 25 years old at least. I must say now that I speak only for myself and not even for the department or anybody else, but I think that within a year at least a really workable plan could be put together; perhaps the major changes within a matter of weeks. The fine tuning may take until the July 1979 deadline that is written into the current one. But I think it is worth the effort and worth the time to get one that is not going to be disruptive and I think that can be accomplished. I think at least there are people that I have faith in that can do that among the current group.

Dr. Jacob:

I think we have built a lot of flexibility into this plan intentionally to allow fine tuning even after the plan is adopted. A year to me would not be a year prior to a formal adoption; I cannot envision that at all. But if there are any changes which might be of significance that could be made within a few weeks, with everybody dedicated to getting this done, that might be something that we could consider. But to let it go on for a year--

Dr. Metz:

No, I think the fine tuning will take that long for certain, I think to--

Dr. Jacob: We have got that time and some flexibility in the document.

Dr. Metz: Yes.

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Mr. Gushman: July 1979. Let's see, I believe Mrs. James is next.

Mrs. James: I would just like to ask--

Mr. Gushman: Pat, would you use that microphone.

Mrs. James:

For clarification, the comment that, at least the implication that I am getting is that, this plan would put a terrible burden on particularly the Department of Medicine. Under the explanation that Dr. Vandament gave, under payments, it says that the department chairmen will allocate individual responsibility based on total income on use of facilities and support based on duties. Now it would seem to me that would be adjusted according to what is going on in individual departments.

Dr. Metz: Individual divisions.

Mrs. James:

All right, individual divisions. I think what I am hearing you say is that that is not so, and I would like Dr. Vandament explain that then, if it is possible, and get your reaction to that.

Dr. Vandament:

Certainly, the way we have drafted this proposed plan, it seems to us, is that we leave the cost assessment process at the departmental level and therefore we do allow for there to be considerable flexibility within the department. I might add in terms of meeting costs, Dr. Metz mentions the major teaching and research effort that is undertaken by the Department of Medicine. And it was our view that the adjustment to achieve a net practice cost on the basis of teaching and research funds that are available to the University would provide relief for departments such as the Department of Medicine that have a heavy teaching and research burden. Dr. Metz and I have talked several times and we did have in the committee's second draft, I think something which might have spoken more to the problems of that specific department, the Department of Medicine. However, when we surfaced that plan, we were roundly criticized, vigorously criticized by other departments, and we felt that we could not have the kind of plan that treated the entire clinical faculty as one large practice corporation, each paying costs based on ability to pay. There were several departments where that was completely unacceptable and we had to abandon it. I think we state in our report that we would have preferred that method of assessment that we had described in the second plan. We simply thought the results would be too disastrous in terms of the reactions of too many of the departments.

Mr. Gushman: Jim.

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Mr. Hilliker:

I think Bill Vandament partially answered my question I was going to ask Dr. Metz. I understand what you are saying, that your share of the cost might well be pretty synonymous with what you are gaining in practice income. But what I was going to ask you is why was there not more vocal support for a different kind of allocation, at the time when that particular draft was being discussed, that would have allocated costs based more on percentage of practice income received rather than basing it on how much direct cost the department incurs without really much relation to how much practice income that department receives. You're raising the question now, and I think it is a valid question. And I have talked to Dr. Sirak about this, because I do not understand the logic in why certain departments did not support the draft of which Bill Vandament is speaking, I mean actively support it, in light of what the alternative would have to be known to be. In other words, now you are saying Plan Three is not acceptable because your share may well be too great, but why when Plan Two was being discussed, why was there not more support from these particular clinical departments at that time? I don't understand that.

Dr. Metz:

I can answer that very easily, Mr. Hilliker, and that is that Plan C came out a few days after Plan B. The only presentation of Plan B was to a relatively small group where there were loud voices, and Mr. Vandament and others have been well aware of the feelings of the Department of Medicine for some time about the unfair burden that the Department of Medicine has in supporting an outpatient facility. There was never any presentation of Plan B to the college as a whole, to the faculty as a whole, and never any opportunity to respond to it as a group, or as a department. And it was just a matter of days until Plan C was out. And actually we have not been asked to respond to that one, but there was no opportunity for response to this so-called Plan B.

Mr. Smith:

You mentioned the cost of running the clinic, which is a teaching clinic. If those costs were assessed against the faculty who teach in the clinic, no one could assume that cost. I just wondered again would--you, Bill--most of those costs which you categorized as item C be subtracted?

Dr. Vandament:

It is impossible to predict at this time just how much would be attributed to that. There will have to be a study that goes on for several months to try to determine the ground rules for the allocation of the teaching and research funds, but it is an activity that does have to proceed, and I think Dr. Metz is right that our analysis of things will show that a very major share of the teaching and research funds would be going to the Department of Medicine.

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Mr. Smith:

Pat mentioned the other things where you can try to reach out for equity among the staff. One was assessing the cost as you negotiate the contract with a faculty member that you can do it that way, and the other way was the fact that there would be some budget money coming from the University that would now be freed even in other departments which the dean, if he decided for example, could allocate to your department. Don't you think that would help you reach the type of equity that you are seeking?

Dr. Metz:

If you are asking that in the form of a question to me, I would say the answer to it is yes, but as the members of our department read this practice plan, it is this great uncertainty and all of these unanswered questions which make them say we cannot accept it. Now to be sure, if there is in good faith and good intentions on the part of everyone involved in this multiple-layered administration of the plan which you have seen outlined; that kind of good faith prevails and everyone has the best ideas about research, about patient care, about teaching and the rewards go where they should go; yes, then we will make out just fine. But I cannot read this plan any way and say that it is going to be good for me individually nor can I say it is going to be good for the Department of Medicine. It is not built into the plan as I read it now.

Mr. Smith:

We could make a highly structured plan with numbers--so you could get a bottom line, but then it becomes very restrictive and a lot of things happen when you just deal with numbers. Do you think that would be acceptable to the college?

Dr. Metz:

The Constitution is certainly not written that way, but we are not talking about lofty ideals here when it comes down to the fact that we are talking about money. And as I said in a letter which I wrote and sent to Dr. Enarson, Mr. Gushman and our dean, nothing provokes as much anxiety as uncertainty. You know, that, and that is exactly what this plan has generated among all of the faculty, especially in our department. We really have no idea of what it is going to mean to us as a department or as individuals, and thereby the idea of uncertainty of any kind causes frustration.

Dr. Sirak:

Earl, I think we have got a conflict here. One, theoretically you need flexibility--the practice plan committee and the Board realize you need flexibility--because there is a variation in a department as large as the Department of Medicine with its many divisions. As a matter of fact the practice plan committee spent a whole afternoon discussing this. Now we want you to have flexibility--I am speaking of

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Dr. Sirak: (contd)

a practice plan committee now--but you can't have flexibility if you have numbers assigned to you. And what you seem to be asking for is a resolution of your uncertainty problem, which is, of course, emotional, and you can't have uncertainty without fixed numbers. I mean if you have fixed numbers then you can resolve the problem of the uncertainty. You can have certainty with fixed numbers, and I just wonder, Earl, if one of the problems that heightens this emotional reaction to this thing is due to the fact that the Department of Medicine has had a practice plan for nine or ten years and it has been a rather rigidly structured entity. And what we are really doing is giving you a lot more flexibility than you have been accustomed to working under in your own department, and I think this uncertainty might very well be a product of that. Because you certainly will have more flexibility under this present practice plan than you will have had under the practice plan under which you have been working for twelve years in your own department.

Dr. Metz:

There is a considerable amount of flexibility in terms of lack of specificity in the present plan. There is certainly no ceiling anywhere on costs that can be assessed other than the so-called departmental improvement plan which has a ceiling of 20 per cent of the patient care income. I don't see any other ceiling; I don't see any other guarantees that final decisions on how that income is spent will be left with those who know best how to use it; and I would suggest to you, Dr. Sirak, that no one in this room, if this were a labor management sort of negotiation, could possibly support a plan in which there is so much unsaid, so much uncertainty, and so much lack of specific provisions. If you were management and I were labor, you wouldn't propose such a plan to me and I wouldn't accept it. We are not in that situation, fortunately, but that's--

Dr. Sirak:

That's right and that is why we are not having that kind of a plan. I mean you don't want that kind of a plan, I am sure you don't. And I think the other aspect of the thing of not having a ceiling on costs--I don't think that the University is capable of predicting or projecting costs that will be in--the cost of heating or the cost of whatever--you know, you wouldn't be able to do that if you had a contract with a building owner downtown for your office. He wouldn't be able to tell you what it costs, what your rent is going to be five, ten, fifteen years down the road.

Dr. Metz:

I am not looking ahead five or ten years, I am looking ahead to the first year of operation of this plan.

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Dr. Sirak:

And I think the practice plan committee understands that there are a finite number of dollars that are generated by a doctor, and they are most interested in having whatever dollars that are returned go primarily for enrichment, and they therefore realize that if they are not accurate in recouping the cost overhead, that this is going to be subtracted from the dollars that are available for enrichment. And this is not what the practice plan committee or, I am sure, the Board wants to achieve in the administration.

Mr. Gushman:

Any other questions? Dr. Wall, do you have anybody else that you--oh, I am sorry you did ask; just a minute please.

Dr. Balcerzak: Is that clear, doctor?

Mr. Devenow:

On the relationship between the research grant--the \$6 million you talked about--and this issue, will you please tie that up for me? I think that left me somewhere up in the air.

Dr. Balcerzak:

What I was trying to say is that the ability to attract faculty who could come up with proposals that would be funded is in part related to flexibility of monies, which I feel that one can control who can see a situation better at a local level. For example, let me give you an example. We have had this practice plan in the Department of Medicine for some time, as you have heard, and those monies initially were intended for faculty enrichment. They were to increase the income of those people who were engaged primarily in research activities. Those funds were diverted because other expenditures came about, for example, support of house staff, so that there was no possibility of doing what we wanted with those funds initially. I fear that, as Dr. Metz has expressed, that the burden of costs will consume the funds that we had previously available to us to bring in people who could do this kind of research that I mentioned to you.

Mr. Devenow:

Could we also make the other assumption that they also could provide more funds if you wanted to go that way?

Dr. Balcerzak:

That might be true if the past history had shown me that that would occur, but I worry about it happening. It may happen, but with the lack of certainty in the

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Dr. Balcerzak: (contd)

plan or at least--I guess what I want to say is--the lack of input from the faculty in the present plan, I am concerned that the real needs will not be seen and that there will be uses for the funds that are not really maximal uses for the College of Medicine.

Mr. Hilliker:

So what you are saying in effect, doctor, is that you would not trust a finance committee of your department to create a budget as to what direct costs should be incurred to receive practice income.

Dr. Balcerzak: What I am saying is--

Mr. Hilliker:

Because what we are attempting to do is get it at the very level that you are talking about and maybe keep it away from some other levels where there would be some less thoughtful allocations.

Dr. Balcerzak:

I think that is a good first step, but what I would like to see is more authority in that committee so that there are some final decisions that can be made by the people who are directly involved. I mean, after all, why do you have a faculty in the College of Medicine? I think you bring that faculty in to do the three missions that we talked about so many times. They are pretty good at it; yes, there are some clunkers around but most of them are pretty good at it. They ought to have a bigger voice in it. Don't construct a plan that denies them or gives them such a small voice as to be almost patronizing.

Mr. Hilliker:

I think the voice will be the same or maybe will increase, but it will become more of a departmental voice and less of an individual voice.

Dr. Balcerzak:

My fear is that the department will be squeezed between the expenses as viewed by the dean and the administration and--

Mr. Hilliker: And the department chairmen and the finance committee.

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Dr. Balcerzak:

Yes, and that monies, for example, the Department of Medicine will have these major expenses in the clinic. Now you have just heard that it's uncertain as to how much credit we are going to get in teaching and research. My guess is that the departments are not going to make out very well with that.

President Enarson:

Mr. Chairman and members of the Board, later today I will be presenting some preliminary outlines for the budget. We will be coming up fairly soon with a budget for the upcoming year. This giant enterprise currently has an operating budget of roughly \$300 million to \$387 million. I won't burden you or bore you with the uncertainties that we face; uncertainty is a way of life. I don't know what the General Assembly is going to vote. I don't know what Columbus and Southern Ohio is going to determine as our fuel bill.

Earlier drafts were faulted, rebuffed, rejected, scorned because they provided a certitude. Now in delicious irony a program, a proposal, a plan is faulted because it doesn't provide precision. The deans of the respective 16 colleges will be meeting with Provost Kuhn here in ever-intensifying reviews of programs and budgets. As you know, we get our funds from the General Assembly, from student charges, indirect costs, gifts, etc. Once that dollar sum is aggregated, we face the painful choice of deciding between conflicting and competing resources, and we do our best within the limits of human frailty to support and sustain the entire enterprise. But you ask for a certainty. Many if not most of your colleagues in other areas of the college won't support it at all.

It seems to me that--just to conclude this--this morning's presentations illuminate unintentionally, far better than I could have had I had a written outline, some of the deep divisions within the college; divisions which are not going to be reconciled in a third draft, a fourth draft, and a fifth draft. This Board is going to have to decide, whether it decides today or tomorrow or a week from now or a month from now, or whenever, after it feels it has as good of a grasp as it is likely to have of this complex and emotional ridden matter.

But if you will just forgive a personal note, I guess as President of this University, I live by faith; I live in the conviction that the Board will be fair. I don't know what this is--I don't expect you to be touched by this--but I really don't know what my salary will be next year. Indeed, I serve with the pleasure of the Board and the displeasure of the College of Medicine. I guess I just have learned to live with some degree of uncertainty because I have some faith in my colleagues.

It seems to me at the bottom you are expressing lack of faith that reasonable people can talk and discuss and learn from one another. I have to say once again

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President Enarson: (contd)

to members of the Board and those of you out here is that this draft represents, to the best of the ability of the people who put it together, their grasp of what was least objectionable. And if we came back with a third and fourth draft, a draft which was acceptable to your department, but which you would again not speak up in support of, then we would have the different assemblage of people crying 'doom.' You leave us deadended, it seems to me.

Dr. Balcerzak:

No, Dr. Enarson--we are really--what I am asking for is a reciprocal trust, not just one-sided, and yes, I think we should have a practice plan.

Mr. Havens:

In this plan--I guess this question would be to Dr. Wall or anybody that he wants to speak to it--this plan calls for the disclosure of private income from the doctors, evidently to the dean, the department chairmen, and I guess independent auditors; is this acceptable to you?

Dr. Wall: No, sir.

Mr. Havens: Why not?

Dr. Wall:

Because it only applies to a limited number in our own college, only those that are MDs; it does not apply to anybody in any other college on a contractual agreement for his salary; it does not apply, I guess, to any administrators or anyone else. I--

Mr. Havens:

Do you object to the compulsory requirement of giving a percentage of that gross income to academic improvement in the first place?

Dr. Wall: A percentage is just another way of having an automatic disclosure.

Mr. Havens:

No, I am not saying that. I guess--let's cover the point in the first one--this plan requires each department to develop a plan subject to the approval of the dean for the use of academic improvement funds which are assessed from the practice income of the members in that department. You can assume it two ways, this plan calls for the income to be divulged, and therefore if they want 20 per cent,

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Mr. Havens: (contd)

then obviously the gross income can be checked against the 20 per cent submitted; that's one way. Another way, I guess, is to do it on a basis of, you tell us what to do; you don't have to audit your income; and you just say I made X dollars and here is my 20 per cent; that's another way. Do those two methods make any difference to you or really are you objecting to giving 20 per cent of your gross income for academic enrichment?

Dr. Wall: We have not been.

Mr. Havens:

Then can I assume that you do not object to giving 20 per cent of your gross income to academic enrichment?

Dr. Wall: Many people have been doing that--

Mr. Havens: OK, I think I am hearing you--

Mr. Gushman:

Well, can we bring this to a close now since it is 12:25? Pardon me. Outside of the fact that we are freezing to death--all right, we will--I'll recess this meeting, and we will have an Executive Session to discuss some legal matters, and then we'll reconvene here at--we'll try to make it by 1:30; I think we can.

--o--

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

March 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 78-89

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

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. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Rollo Clyde Baker

The Board of Trustees expresses its sorrow upon the death on October 24, 1977, of Rollo Clyde Baker, Professor Emeritus in the Department of Anatomy. Rollo Clyde Baker was born October 2, 1888, in Guernsey County, Ohio. Dr. Baker received his early education in a one room school house at Vanatta, Ohio, and later at St. Louisville and Utica, Ohio, high schools. Dr. Baker's skill and propensity for teaching began before his high school graduation when, at the age of sixteen, he taught in the school district of Echo, Ohio, and later, Chatham, Ohio. Dr. Baker entered The Ohio State University in 1911, thus beginning an association which was to continue many years beyond his "official" retirement in 1959.

Upon receiving a Bachelor of Arts degree in 1915, Dr. Baker was offered student assistantships in the Department of Geology and the Department of Anatomy. The Department of Anatomy was chosen, a decision which brought with it a close, personal and enduring friendship with Professor Francis Leroy Landacre. Dr. Baker had had a long interest in and study of anatomy, but had at one time considered a career in the ministry. Dr. Baker received his Master's degree under Dr. Landacre in 1917. He then joined the faculty of the Department of Anatomy as an Instructor where he served from 1918 to 1921. He progressed through the academic ranks serving as Assistant Professor from 1921 to 1928; Associate Professor from 1928 to 1932 and Professor from 1932 until his retirement. Between the years 1920 and 1927, Dr. Baker was granted periods of leave to complete his Doctor of Philosophy degree which he received in 1927 from the University of Chicago.

In 1933, he succeeded Francis L. Landacre as Chairman of Anatomy and Secretary of the College of Medicine. Dr. Baker held these posts until 1943 when he was named Acting Dean of the College of Medicine and Acting Director of Starling-Loving Hospital. During his two-year tenure as Acting Dean, Dr. Baker had to contend with the exigencies attendant to the war years. However, he rose above the problems to lay the basic groundwork and planning for the University Health Center.

In 1954, he was appointed Assistant Dean holding this post until his retirement in 1959. After retirement Dr. Baker served the College of Medicine in an advisory capacity and as a member of the Admissions Committee. Dr. Baker was also a member of the Faculty Council of the University as well as the Committee on Honorary Degrees.

March 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Rollo Clyde Baker (contd)

In the Summer Commencement of 1959, the University bestowed upon Dr. Baker The Ohio State University Distinguished Service Award. Additionally, in 1959 the College of Medicine alumni cited him for 44 years of loyal and devoted service to the College of Medicine.

It was as a teacher that Rollo C. Baker is best remembered. He was noted as a stimulating, dramatic and masterful lecturer on the subject of human anatomy. He taught with an almost evangelistic verve. His vivid descriptions and remarks enlivened with his characteristic wit and humor came to be known as "Bakerisms" by his former 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.

Stanley T. Hardy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death February 13, 1978, of Stanley T. Hardy, Associate Professor on the Academic Faculty of Management Sciences, College of Administrative Science.

Professor Hardy was born December 10, 1928. He received his undergraduate education at Purdue University and his M.B.A. at the University of Akron. His Ph.D. was obtained at Michigan State University in 1969. He was a member of the management sciences faculty of The Ohio State University since his appointment as an Assistant Professor in 1965.

Professor Hardy's research interests were in the areas of production and operations management, maintenance, postal operations systems, and he was an innovator in the area of materials requirements planning. His work in multi-stage inventory systems has been particularly important in gaining new insights on production, inventory, and purchasing strategies. He had close ties with both the purchasing and production planning fields.

In 1977 the Undergraduate Student Forum honored Professor Hardy with the Outstanding Teaching Award. Noted for his innovative teaching methods, Professor Hardy was an advisor of production and operations management students and coordinator of the Association of Industrial Production Students in the College.

Professor Hardy was most generous in providing assistance, support and counsel to junior colleagues which contributed to their professional development. He was active and held office in many professional organizations such as the Midwest Academy of Management, the American Production and Inventory Control Society, the National Association of Purchasing Management, and was a major contributor in developing the American Institute of Decision Sciences.

March 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Stanley T. Hardy (contd)

On behalf of the University Community, the Board of Trustees expresses to the family of Stanley T. Hardy 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 his family as a sincere expression of sympathy and respect.

Eva Marie Williamson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 6, 1978, of Miss Eva Marie Williamson, Instructor Emeritus, Cooperative Extension Service.

Miss Williamson was born February 3, 1904, in Sugar Creek Township, Greene County, Ohio. She graduated from Bell Brook High School in 1920 and went on to Miami University where a Bachelor of Science in Education degree was granted in 1927. Postgraduate work was pursued at Ohio University and a Master's degree secured at Cornell University in 1953.

Miss Williamson joined the faculty of The Ohio State University as a County Extension Agent, Home Economics, in Jackson County on June 1, 1938, following ten years of vocational home economics teaching experience in Scioto and Greene Counties. Miss Williamson retired from the position of County Extension Agent, Home Economics, in Jackson County on July 31, 1966, with over twenty-eight years of superior service.

Miss Williamson was a dedicated and highly respected home economics educator for the Extension Service. She was well known and respected among her peers on the Extension faculty and served the University in a commendable fashion. She was recognized as an excellent teacher and an excellent organizer of continuing education programs.

On behalf of the University, the Board of Trustees expresses to her close friend its deep sympathy and sense of understanding in her loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

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MEDICAL PRACTICE PLAN

Resolution No. 78-90

Synopsis: Medical Practice Plan is being proposed.

WHEREAS the Board of Trustees resolved, on June 8, 1977, that the President of this University be directed, after due consultation, to develop a single, appropriate practice plan for its medical faculty;

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

WHEREAS the President appointed a committee on September 9, 1977 to develop, in consultation with the medical faculty, a proposal for such a medical practice plan; and

WHEREAS this committee has now completed its work and presented its report and recommendations; and

WHEREAS adoption of the proposed medical practice plan and the committee's recommendations is recommended by the President of the University and the Dean of the College of Medicine:

NOW THEREFORE

BE IT RESOLVED, That the proposed Medical Practice Plan and Policies Governing Faculty Professional Fee Income is approved and adopted for full implementation not later than July 1, 1979; and

BE IT FURTHER RESOLVED, That the Dean of the College of Medicine is directed, with the assistance of the Office of Budget and Resources Planning, to reallocate the University's general funds budgets within the College of Medicine to achieve a more equitable pattern of total compensation for faculty in the College, to promote the College's research and teaching objectives, and further to meet the objective stated in the Medical Practice Plan.

Dr. Sirak moved, and Mrs. James seconded the motion, for the adoption of the foregoing resolution.

A motion to table the Medical Practice Plan resolution was made by Dr. Jacob. The motion failed for lack of a second.

The original motion on the resolution to adopt the Medical Practice Plan as proposed was approved with seven affirmative votes and one negative vote cast by Mr. Havens.

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ESTABLISHMENT OF THE JOHN W. GALBREATH CHAIR IN REAL ESTATE

Resolution No. 78-91

Synopsis: Establishment of an "Endowed Chair" in the College of Administrative Science 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 re-named "Endowed Chairs"; and

WHEREAS a gift to The Ohio State University Development Fund in the amount of \$1,045,322.00 from members and friends of The Ohio Association of Realtors in honor of Mr. John W. Galbreath, has been received for the establishment of "The John W. Galbreath Chair in Real Estate"; and

March 3, 1978 meeting, Board of Trustees

ESTABLISHMENT OF THE JOHN W. GALBREATH CHAIR IN REAL ESTATE (contd)

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

WHEREAS the annual income is to be used to provide salary and program support for the work of a distinguished scholar and researcher in real estate with appointment to the Galbreath Chair to be recommended by the Dean of the College of Administrative Science to the Provost and approved by 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 administrative official of the University who is then directly responsible for real estate education after consultation with faculty in the real estate area:

NOW THEREFORE

BE IT RESOLVED, That "The John W. Galbreath Chair in Real Estate" be established in accordance with the wishes of the donors.

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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AMENDMENT TO BYLAWS OF THE BOARD OF TRUSTEES

Resolution No. 78-92

Synopsis: Amendment of Article IV, Section 1, of the Bylaws of the Board of Trustees is being proposed.

WHEREAS Article IV, Section 1, sets forth the definition of the terms *Faculty* and *University Faculty*; and

WHEREAS the membership criteria of the University Senate requires clear definition of the terms: *Faculty, University Faculty, Regular Faculty, Auxiliary Faculty, and Emeritus Faculty*; and

WHEREAS the "legislative authority to establish educational and academic policies" is vested in the University Faculty by Article IV, Section 2, of the *Bylaws of the Board of Trustees*; and

WHEREAS emeriti do not participate in the legislative process at the departmental, college, or university levels, and such participation is desired from instructors; and

March 3, 1978 meeting, Board of Trustees

AMENDMENT TO BYLAWS OF THE BOARD OF TRUSTEES (contd)

WHEREAS the executive heads of offices serving on the President's staff are appropriate non-academic positions for policy establishment:

NOW THEREFORE

BE IT RESOLVED, That the proposal from the University Senate approved at the meeting January 14, 1978, be approved.

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

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MODIFICATION OF RULES OF THE UNIVERSITY FACULTY

21.05 (Faculty, Governance, and Committees), 25.01 (Faculty), 25.05 (Secretary), 25.07 (Meetings), 25.09 (Quorum), 25.11 (Vote), 29.2735 (University Calendar Committee), 29.2736 (Committee on Public Safety), 35.07 (Marks), and New Rule 25.02 (University Faculty)

Resolution No. 78-93

Synopsis: Modification of certain faculty rules and the addition of a new rule is being proposed.

WHEREAS Rule 28.19 of *Rules of the University Faculty* sets forth procedures for amending Rules which require the approval and recommendation by the University Senate before transmission to the Board of Trustees for consideration; and

WHEREAS the University Senate at the meeting held January 14, 1978, approved modification of several rules and the addition of a new rule as set forth on the following pages and summarized as follows:

Rules 21.05, 25.01, 25.05, 25.07, 25.09, 25.11

These rules are concerned with the definition of the terms: *Faculty, University Faculty, Regular Faculty, Auxiliary Faculty, and Emeritus Faculty.*

Rule 25.02

This new rule defines University Faculty.

Rule 29.2735

The University Calendar Committee is responsible for making recommendations pertaining to the University Calendar and the schedule of official holidays must be coordinated with the Vice President for Personnel Services--rule is modified to include representation from the Office of Personnel Services.

March 3, 1978 meeting, Board of Trustees

MODIFICATION OF RULES OF THE UNIVERSITY FACULTY (contd)

21.05 (Faculty, Governance, and Committees), 25.01 (Faculty), 25.05 (Secretary), 25.07 (Meetings), 25.09 (Quorum), 25.11 (Vote), 29.2735 (University Calendar Committee), 29.2736 (Committee on Public Safety), 35.07 (Marks), and New Rule 25.02 (University Faculty) (contd)

Rule 29.2736

The Committee on Public Safety is responsible for making recommendations pertaining to the Public Safety Program of the University and the Director of Public Safety is now represented on this Committee.

Rule 35.07

The W-Withdrew grade is modified to bring it in line with Rule 37.15 which was amended at the December 8, 1977 meeting.

NOW THEREFORE

BE IT RESOLVED, That the changes in the *Rules of the University Faculty*, as proposed by the University Senate, be adopted.

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

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**REPRINTED BYLAWS OF THE BOARD OF TRUSTEES AND
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 78-94

Synopsis: Reprinted Bylaws of the Board of Trustees and Rules of the University Faculty are proposed for acceptance.

WHEREAS the publication entitled *Bylaws of the Board of Trustees and Rules of the University Faculty*, has been reprinted to conform to the changes approved by the Board of Trustees since the last publication in April, 1977; and

WHEREAS pursuant to Section 111.15 of the Ohio Revised Code, the Legislative Reference Bureau shall adopt, amend, and rescind any rules that are necessary to provide a uniform Ohio Administrative Code; and

WHEREAS Section 111.15 of the Ohio Revised Code was amended in the 112th General Assembly and signed by the Governor on August 5, 1977; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees; and

BYLAWS

ARTICLE IV

The Faculty and Staff

Section 1. University Faculty; membership.

As used in these *Bylaws* and in the *Rules of the University Faculty*, the term *Faculty* shall include persons with regular, auxiliary, and emeritus faculty titles on full or part-time appointments with or without salary.

For purposes of the legislative authority described in Section 2, of this Article, the term *University Faculty* shall mean all regular faculty, the President, members of the President's staff serving at his pleasure and designated as executive heads of offices, the deans of the colleges and of the Graduate School, and the Vice Provost for Arts and Sciences.

RULES

20.00. FACULTY, GOVERNANCE, AND COMMITTEES

21.05. 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 may be earned by all teachers with regular faculty status subject to a probationary period. Regular faculty status is defined in Rule 25.01. Tenure is lost by formal resignation, by retirement, or may be terminated by reason of proved incompetence or grave misconduct in accordance with Rule 21.07 or for causes set forth in Rule 21.03.

25.00. FACULTY

25.01. Faculty.

As used in these Rules the term faculty shall include persons appointed by the Board of Trustees with regular, auxiliary, and emeritus faculty titles on full or part-time appointments, with or without salary.

Section 1. Regular faculty: Persons with the titles of Professor, Associate Professor, Assistant Professor, and Instructor who serve on appointments totaling 50 per cent or more service to the University.

Section 2. Auxiliary faculty: Persons with Adjunct titles, Clinical titles, Visiting titles, Lecturers; also Professors, Associate Professors, Assistant Professors and Instructors who serve on appointments totaling less than 50 per cent service to the University.

Section 3. Emeritus faculty: Persons who have served the University continuously as regular faculty for at least ten consecutive years who, upon retirement, were recommended by the Chairman, Dean and Provost for emeritus status.

25.02. University Faculty.

For purposes of the governance functions described in Rules 25.03 through 25.13, the term University Faculty shall mean all regular faculty, the President, members of the President's staff serving at his pleasure and designated as executive heads of offices, the deans of the colleges and of the Graduate School, and the Vice Provost for Arts and Sciences.

25.05. Secretary.

The Secretary of the University Faculty shall be appointed by the President, either from the University Faculty or by designation of some person holding an official position in the University. The Secretary shall keep the records of the meetings of the University Faculty and of the University Senate (in accordance with Rule 28.15) 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.

RULES

25.07. Meetings.

Meetings of the University Faculty shall be held as needed during the school year. These meetings shall be held on call of the President, either on his own motion or on request (a) of the University Senate or (b) of the University Faculty. The request of the University Senate shall be by action taken at any meeting of the University Senate. The request of the University Faculty shall be by petition signed by members of the University Faculty (see Rule 25.02) in a number equal at least to ten per cent of the total membership of the University Faculty. The President shall have a reasonable time to call the meeting after receiving the request.

For the purpose of Rules 25.07 and 25.09, this total membership of the University Faculty shall be determined as of the October 1 preceding the date on which the petition is filed.

25.09. Quorum.

Thirty per cent of the total membership of the University Faculty (see Rule 25.02) shall constitute a quorum for the transaction of business.

25.11. Vote.

Only members of the University Faculty (see Rule 25.02) shall be eligible to vote at a meeting of the University Faculty.

RULES

29.2735. University Calendar Committee.

Section 1. The University Calendar Committee shall be a standing committee of the University Senate and shall be advisory to the Council of Deans. (See Rules 11.1501--Council of Deans and 39.00--University Year.)

Section 2. The University Calendar Committee shall consist of fourteen members as follows:

- a. Six members of the University Faculty, at least one of whom must be a Senate member, shall be nominated by the faculty membership of the Senate and shall be subject to confirmation by vote of the Senate. The term of office shall be three years commencing July 1 following confirmation, the terms to be staggered so that two members retire each year. A faculty member completing a full term shall be ineligible for reelection for one intervening year.
- b. 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 Inter-Professional Council with the approval of the Inter-Professional Council; and two undergraduate students appointed by the President of the Undergraduate Student Government with the approval of the Undergraduate Student Government. At least one of the undergraduate students must be a member of the University Senate. Each student member shall be appointed for a one-year term and shall be eligible for immediate reappointment;
- c. The Provost or his designee;
- d. A representative of the Council of Deans;
- e. The Assistant Vice President for Registration Services, or his designee, ex officio;
- f. The Vice President for Personnel Services, or his designee, ex officio.

Section 3. The University Calendar Committee shall be responsible for making recommendations pertaining to:

- a. Preparation and review of the University Calendar;
- b. Study of the comparative advantages and disadvantages of the quarter system and alternative systems; and
- c. Development of improved quarter-end validation procedures.

Section 4. The University Calendar Committee shall report to the University Senate at least once a year. Prior to the end of its third year of existence, the committee shall present to Senate a report covering the role, structure, and functioning of the committee, including any recommendations for change(s). (B/T 1/10/75)

RULES

29.2736. Committee on Public Safety.

Section 1. The Committee on Public Safety shall consist of eleven members as follows:

- a. Two members of the University Faculty, nominated by the Faculty Membership of the Senate;
- b. Two Administrators nominated by the President;
- c. Two staff members appointed by the Vice President for Business and Administration;
- d. Two Undergraduate Students nominated by the Undergraduate Student Government;
- e. One Graduate Student nominated by the Council of Graduate Students;
- f. One Professional Student nominated by the Inter-Professional Council; and
- g. The Director of Public Safety, or his designee, ex officio, non-voting.

Section 2. The University Faculty, Administrator, Undergraduate Student, Graduate Student and Professional Student nominees shall be subject to confirmation by vote of the Senate. Faculty, Administration and Staff members shall serve for terms of two years, one of the two members in each category retiring each year. Student members shall serve for one-year terms. The Committee shall elect its own Chairperson who will serve in this capacity until replaced by election of another member.

Section 3. The Committee on Public Safety shall be responsible for making recommendations, and for hearing grievances, criticism and other testimony, pertaining to the public safety program of the University. The University Ombudsman shall refer matters of wide concern relative to the public safety program to the Committee on Public Safety for its consideration.

Section 4. The Committee on Public Safety shall hold at least one annual open hearing to receive information from interested persons with concerns about the public safety program and shall report to the University Senate at least once each year. (B/T 3/5/76)

35.07. Marks.

W-Withdrew.

This mark is used for students withdrawing from one or more courses or from the University.

See Rule 37.15 for procedures and provisions governing withdrawals.

March 3, 1978 meeting, Board of Trustees

**REPRINTED BYLAWS OF THE BOARD OF TRUSTEES AND
RULES OF THE UNIVERSITY FACULTY (contd)**

WHEREAS all rules which must be filed under the provisions of Section 111.15 of the Ohio Revised Code must be filed in compliance with the format requirements of the Legislative Reference Bureau; and

WHEREAS Section 111.15 of the Ohio Revised Code became effective November 4, 1977, and The Ohio State University in order to comply with said law must file two copies of the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* with the Legislative Reference Bureau and two copies with the Secretary of State no more than 120 days following this date; and

WHEREAS the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* have been reprinted in compliance with the format requirements of the Legislative Reference Bureau:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* be adopted as the official publication of the Board of Trustees.

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

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**THE CENTER FOR VOCATIONAL EDUCATION RENAMED
THE NATIONAL CENTER FOR RESEARCH IN VOCATIONAL EDUCATION**

Resolution No. 78-95

Synopsis: It is proposed that The Center for Vocational Education be renamed The National Center for Research in Vocational Education.

WHEREAS The Center for Vocational Education at The Ohio State University was established and initially funded in March, 1965, under Section 4 (c) of the Vocational Education Act of 1963; and

WHEREAS The Center is now recognized as a successful nationally oriented, university-based research and development center in vocational and career education; and

WHEREAS on January 16, 1978, a grant in the amount of \$4,499,968.00 was received from the Department of Health, Education, and Welfare, and The Ohio State University was designated as The National Center for Research in Vocational Education:

March 3, 1978 meeting, Board of Trustees

**THE CENTER FOR VOCATIONAL EDUCATION RENAMED
THE NATIONAL CENTER FOR RESEARCH IN VOCATIONAL EDUCATION (contd)**

NOW THEREFORE

BE IT RESOLVED, That the name of The Center for Vocational Education be changed to The National Center for Research in Vocational Education.

Upon motion of Mrs. James, seconded by Dr. Sirak, the foregoing resolution was adopted by unanimous voice vote.

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BUDGET SUMMARY (SECOND QUARTER 1977-78)

Resolution No. 78-96

Synopsis: The second quarter budget summary report of the current funds budget is presented for review.

WHEREAS the second quarterly report of the 1977-78 current funds budget which is presented for review by the Board of Trustees incorporates the final determination of subsidy earnings on all campuses by the Ohio Board of Regents and these subsidy earnings do not differ materially from subsidy estimates reported to the Board in November, 1977; and

WHEREAS many resource and expenditure estimates have been revised as actual data for the first two quarters of 1977-78 became available. These revisions were minor except for sponsored research programs administered by The Ohio State University Research Foundation, University Hospitals, and other sponsored public service programs so that estimates of sponsored research programs were revised upward to reflect changes in the volume of grants and contracts received and sponsored public service programs were revised upward to reflect changes in volume of grants and contracts received, especially in recognition of the receipt of the \$4.5M grant for The National Center for Research in Vocational Education and estimates of income and expense of University Hospitals were revised downward reflecting a lower volume of activity than originally anticipated; and

WHEREAS except for these above revisions, there are not significant changes to the current funds budget submitted to and approved by the Board of Trustees on November 4, 1977;

NOW THEREFORE

BE IT RESOLVED, That the accompanying quarterly budget report be accepted.

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

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THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Budget Approved November 4, 1977	Proposed Revised Budget March 3, 1978
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$132,886	\$134,229
Libraries	7,355	7,374
Other Academic Support	2,344	2,351
Sponsored Programs Administration	2,070	2,070
Student Services	6,841	6,860
Plant Operation	22,368	22,411
Institutional Support	18,076	18,118
Total Instruction and General	\$191,940	\$193,413
Sponsored Research		
Research Foundation	\$ 19,480	\$ 21,300
Engineering Experiment Station	2,433	2,433
University Sponsored Programs	700	700
Other	2,361	2,361
Total Sponsored Research	\$ 24,974	\$ 26,794
Public Service		
University Hospitals	\$ 74,248	\$ 73,226
Cooperative Extension Service	16,950	16,950
University Sponsored Programs	2,353	2,353
Other	14,257	16,687
Conferences	1,915	1,915
Total Public Service	\$109,723	\$111,131
Scholarships and Fellowships	\$ 5,408	\$ 5,408

THE OHIO STATE UNIVERSITY
 1977-78 CURRENT FUNDS BUDGET
 BUDGETED EXPENDITURES FOR 1977-78
 (IN THOUSANDS)

	Budget Approved November 4, 1977	Proposed Revised Budget March 3, 1978
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 17,829	\$ 17,829
Intercollegiate Athletics	7,547	7,947
University Bookstores	4,263	4,263
Student Health Service	2,246	2,246
Student Unions	2,210	2,210
Parking Facilities	2,046	2,046
University Airport	1,668	1,668
Fawcett Center for Tomorrow	1,329	1,329
Other	937	937
Total Auxiliaries	\$ 40,075	\$ 40,475
TOTAL COLUMBUS CAMPUS	\$372,120	\$377,221
Regional Campuses		
Administration	\$ 168	\$ 171
Lima Campus	2,086	2,046
Mansfield Campus	2,251	2,219
Marion Campus	1,334	1,313
Newark Campus	2,003	2,023
Agricultural Technical Institute	2,232	2,233
Wright Patterson Graduate Center	185	185
Total Regional Campuses	\$ 10,259	\$ 10,190
GRAND TOTAL	\$382,379	\$387,411

THE OHIO STATE UNIVERSITY
 1977-78 CURRENT FUNDS BUDGET
 SOURCES OF INCOME TO SUPPORT 1977-78 BUDGETS
 (IN THOUSANDS)

	Provisional Estimated Income November 4, 1977	Revised Estimated Income March 3, 1978
Columbus Campus		
Government Appropriations		
State of Ohio	\$127,321	\$128,095
Federal	44,451	46,971
County	4,081	4,081
Subtotal	\$175,853	\$179,147
Student Fees		
Instruction and General	\$ 53,625	\$ 54,640
Room and Board	14,875	14,875
Other	2,173	2,173
Subtotal	\$ 70,673	\$ 71,688
Other Income		
Auxiliary Sales and Charges	\$ 94,589	\$ 92,939
Department and University Services	17,891	17,891
Endowment Income	2,811	2,806
Gifts and Grants	11,410	13,210
Temporary Investments	2,100	2,100
Subtotal	\$128,801	\$128,946
TOTAL COLUMBUS CAMPUS	\$375,327	\$379,781
Regional Campuses		
Lima Campus	\$ 2,405	\$ 2,398
Mansfield Campus	2,548	2,519
Marion Campus	1,514	1,506
Newark Campus	2,358	2,289
Agricultural Technical Institute	2,402	2,402
Wright Patterson Graduate Center	185	185
TOTAL REGIONAL CAMPUSES	\$ 11,412	\$ 11,299
GRAND TOTAL	\$386,739	\$391,080

March 3, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF CENTRAL OHIO CENTER FOR
ECONOMIC EDUCATION AT THE OHIO STATE UNIVERSITY**

Resolution No. 78-97

Synopsis: Establishment of the Central Ohio Center for Economic Education at The Ohio State University is proposed.

WHEREAS the Central Ohio Center for Economic Education will be located at The Ohio State University; and

WHEREAS the Center will be affiliated with the Ohio Council of Economic Education and the Joint Council on Economic Education; and

WHEREAS the Center will function within the College of Education and the priority of the Center will be to establish programs for the purpose of providing more and better quality economic education in grades kindergarten through twelve and the Center will provide leadership and resources to integrate economic content into legislatively mandated programs, occupational choice and consumer education; and

WHEREAS the objective of the Center with respect to the community will be to increase the level of economic understanding of all citizens:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University be designated as the Central Ohio Center for Economic Education for the period July 1, 1978 through June 30, 1981.

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

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**AUTHORIZATION FOR THE ACTING TREASURER OF THE UNIVERSITY
TO SERVE AS TRUSTEE FOR UNITRUSTS AND ANNUITY TRUSTS**

Resolution No. 78-98

Synopsis: Authorization for Acting Treasurer of The Ohio State University to serve as Trustee for Unitrusts and Annuity Trusts.

WHEREAS The Ohio State University Development Fund has requests for the University or its designee, to serve as Trustee of charitable remainder unitrusts or charitable remainder annuity trusts, in order to minimize the expense of the trust by not having a bank serve as Trustee:

NOW THEREFORE

March 3, 1978 meeting, Board of Trustees

**AUTHORIZATION FOR THE ACTING TREASURER OF THE UNIVERSITY
TO SERVE AS TRUSTEE FOR UNITRUSTS AND ANNUITY TRUSTS (contd)**

BE IT RESOLVED, That the Acting Treasurer of The Ohio State University be and he is hereby authorized to serve as Trustee for any charitable remainder unitrusts and charitable remainder annuity trusts in which The Ohio State University is the charitable remainder beneficiary; and to execute as Trustee and on behalf of the University, any and all documents approved by University legal counsel, which are required to complete such gifts.

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

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HONORARY DEGREE

Resolution No. 78-99

Synopsis: Awarding of an honorary degree is being proposed.

WHEREAS the President after consultation with the Steering Committee of the University Senate pursuant to Rule 11.05, has approved for recommendation to the Board of Trustees the awarding of the honorary degree as listed below:

Philip Handler

Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with this recommendation at a time convenient to the University and the recipient.

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. 78-100

Synopsis: In addition to the regular personnel actions taken since the last meeting the following Retirement, 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 "Salary Roll" of the University since the February 3, 1978 meeting of the Board, including the following Retirement, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget for 1977-78, be approved.

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

March 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Retirement

ERNEST W. LEGGETT, University Treasurer, will retire from his position, effective March 1, 1978.

Appointments

Name: LEONARD V. COOK
Title: Acting University Treasurer
Office: Business and Administration
Effective: March 1, 1978
Salary: \$27,960.00
Present Position: Assistant University Treasurer, The Ohio State University

Name: WILLIAM H. HALL
Title: Director, Residence and Dining Halls
Office: Residence and Dining Halls
Effective: February 16, 1978
Salary: \$33,000.00
Present Position: Director of Administration and Operations, Residence and Dining Halls, The Ohio State University

Leaves of Absence Without Salary

SYLVAN G. FRANK, Associate Professor, College of Pharmacy, effective August 30, 1978 through September 19, 1978, and March 18, 1979 through July 15, 1979, to accept an appointment as Visiting Professor at The Swedish Institute for Surface Chemistry in Stockholm.

WARREN R. VAN TINE, Associate Professor, Department of History, effective April 1, 1978 through June 30, 1978, to accept an appointment as a Senior Fulbright Lecturer at the University of New England in Armidale, New South Wales, Australia.

MARJORIE E. MURFIN, Assistant Professor, University Libraries, effective February 8, 1978 through March 8, 1978, for personal reasons.

Professional Improvement Leaves

DESMOND L. COOK, Professor and Chairman, Academic Faculty of Educational Development, effective Spring Quarter 1978 and Summer Quarter 1978.

ANTHONY G. GREENWALD, Professor, Department of Psychology, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

CHARLOTTE S. HUCK, Professor, Academic Faculty of Early and Middle Childhood Education, effective Spring Quarter 1978 and Summer Quarter 1978.

ESTHER A. MEACHAM, Professor, School of Home Economics, effective Spring Quarter 1978 and Summer Quarter 1978.

March 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

BRADLEY M. RICHARDSON, Professor, Department of Political Science, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

FRANCIS R. ALLAIRE, Associate Professor, Department of Dairy Science, effective Spring Quarter 1978 and Summer Quarter 1978.

SYLVAN G. FRANK, Associate Professor, College of Pharmacy, effective Autumn Quarter 1978 and Winter Quarter 1979.

Emeritus Titles

JOHN T. BONNER, JR., Vice President Emeritus, Office of Educational Services, effective April 1, 1978.

ERNEST W. LEGGETT, Treasurer Emeritus, Office of Business and Administration, effective March 1, 1978.

FRANKLIN R. BUCHANAN, Associate Professor Emeritus, Academic Faculty of Educational Development, effective January 1, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-101

Synopsis: The report on contracts, grants, and gifts and the summary for January is 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 report from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of January, 1978, 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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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR DECEMBER, 1977

Source	No. of Projects	Support Level
The Ohio State University Development Fund	5,853 Donors	\$3,362,480.04

March 3, 1978 meeting, Board of Trustees

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

SUMMARY FOR JANUARY, 1978

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 19,732.00
The Ohio State University Research Foundation	65	8,524,678.50
The Engineering Experiment Station	1	50,000.00
		\$8,594,410.50
The Ohio State University Development Fund	845 Donors	\$ 96,969.68
Establishment of Named Funds		
The James W. Shocknessy Scholarship Fund (Undergraduate students)		\$108,916.56
Forbes Leadership Award and Scholarship Fund (Department of Food Science and Nutrition)		10,000.00
The Martin W. Essex Scholarships for Graduate Education in Educa- tional Administration (Doctoral candidates in Educational Administration)		5,645.00
Department of Agronomy Weed Science Endowment Fund (Department of Agronomy)		5,500.00

March 3, 1978 meeting, Board of Trustees

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

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	No. of Donors	1976 Level of Support	No. of Donors	1977 Level of Support	% Change from 1976
Annual Giving Group	35,313	\$ 850,088.98	44,389	\$1,087,685.45	28
Major Resources Group					
Deferred Gifts	46	1,688,979.60	46	2,651,666.01	57
Major Individual Gifts	946	2,360,398.54	1,413	2,013,056.54	(15)
Corporate Gifts	853	2,041,246.61	1,764	3,051,323.07	50
Foundation and Non-Profit Organization Gifts	667	2,325,392.53	760	2,418,149.37	4
Totals	2,512	\$8,416,017.28	3,983	\$10,134,194.99	20
Totals	37,825	\$9,266,106.26	48,372	\$11,221,880.44	21

March 3, 1978 meeting, Board of Trustees

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contract/Grant

\$9,857.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration on Aging, Washington, D. C., Consortium to Expand Use of Retired Technician as Volunteers to Strengthen Occupational Education in Post-Secondary Institutions, The Center for Vocational Education, August 1, 1977 through July 31, 1978. (Grant No. 90-A-1157, Amendment No. 1)

Industrial and Other Contract/Grant

\$9,875.00 - Council of Chief State School Officers, Office of Special Projects, Washington, D. C., Evaluation Assistance to the Council of Chief State School Officers' Career Education Project, The Center for Vocational Education, effective October 25, 1977.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$4,499,968.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A National Center for Research in Vocational Education, The Center for Vocational Education (R. E. Taylor), 16 January 1978 through 15 January 1979. (RF 761008 - New)

\$286,902.00 - Department of the Army, U. S. Army Mobility Equipment Research and Development Command, Ft. Belvoir, Virginia, Development of a Subterranean Radar for Tunnel Location, ElectroScience Laboratory, Department of Electrical Engineering (L. Peters), 25 June 1976 through 25 December 1978. (Project 784460 - Continuation)

\$270,335.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC Clearinghouse on Science, Mathematics and Environmental Education, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 January 1978 through 31 December 1978. (Project 710946 - New)

\$200,000.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 1 November 1977 through 30 June 1979. (Project 784712 - Continuation)

\$156,056.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Departments of Medicine (H. E. Wilson) and Radiology (F. Batley), 1 January 1978 through 31 December 1978. (Project 761094 - Continuation)

March 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$134,662.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Fluid Dynamics of Multiple Nozzle Arrays and Radial Flow Diffusers, Department of Aeronautical and Astronautical Engineering (S. L. Petrie, J. D. Lee), 1 January 1978 through 31 December 1978. (Project 760340 - Continuation)

\$131,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., USAF-ASEE Summer Faculty Research Program, Department of Aeronautical and Astronautical Engineering (C. D. Bailey), 1 October 1977 through 30 September 1978. (Project 784350 - Continuation)

\$91,000.00 - Department of the Army, U. S. Army Research Institute for the Behavioral and Social Sciences, Washington, D. C., Investigations of Cognitive Control Processes in Conditioning, Department of Psychology (D. D. Wickens), 1 November 1977 through 31 October 1980. (Project 710843 - New)

\$90,000.00 - Environmental Protection Agency, Washington, D. C., A Kinetic Study of Simulated SO₂, NO_x, RH-Polluted Atmospheres, Department of Chemistry (J. G. Calvert), 1 January 1978 through 31 December 1978. (Project 710939 - Continuation)

\$86,956.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Information Processing for Target Detection and Classification, ElectroScience Laboratory, Department of Electrical Engineering (A. A. Ksienski), 1 January 1978 through 31 December 1978. (Project 783815 - Continuation)

\$80,998.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Transonic Wind Tunnel Experiments on Oscillating Airfoils, Department of Aeronautical and Astronautical Engineering (S. L. Petrie), 1 October 1977 through 30 September 1978. (Project 784406 - Continuation)

\$75,349.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1978 through 31 January 1979. (Project 711006 - Continuation)

\$71,473.00 - Department of Health, Education, and Welfare, 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, P. M. Meyer), 1 January 1978 through 31 December 1978. (Project 710958 - Continuation)

March 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$70,597.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Antivasular Endothelial Antibody, Department of Surgery (J. Cerilli), 1 January 1978 through 31 December 1978. (Project 710952 - Continuation)

\$69,767.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Experimental Studies of Trailing Edge Flows, Department of Aeronautical and Astronautical Engineering (S. L. Petrie), 1 February 1978 through 31 January 1979. (Project 711001 - New)

\$53,042.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Detail Characteristics of Coronary Blood Flow, Departments of Aeronautical and Astronautical Engineering (R. M. Nerem), Veterinary Clinical Sciences (W. W. Muir), and Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 January 1978 through 31 December 1978. (Project 710969 - Continuation)

\$52,000.00 - Department of Energy, Argonne, Illinois, Kinetics of Ionizing Radiation Induced Reactions, Department of Chemistry (R. F. Firestone), 1 December 1977 through 30 November 1978. (Project 710871 - Continuation)

\$45,048.00 - U. S. Nuclear Regulatory Commission, Washington, D. C., Steady and Transient Natural Convection in Enclosed Fluid Layers with Volumetric Energy Sources, Department of Mechanical Engineering (F. A. Kulacki), 1 October 1977 through 30 September 1978. (Project 710968 - Continuation)

\$43,710.00 - Department of the Army, Army Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul), 25 October 1977 through 24 October 1978. (Project 710839 - New)

\$42,200.00 - National Endowment for the Humanities, Washington, D. C., Music in Medieval Life and Culture, School of Music (R. Hoppin), 1 January 1978 through 30 September 1978. (Project 710942 - New)

\$40,000.00 - National Endowment for the Humanities, Washington, D. C., Translation of an 1875 Russian Folk Riddle Collection, Department of Slavic Languages and Literatures (D. F. Robinson, A. C. Bigelow), 1 October 1977 through 30 September 1980. (Project 710831 - New)

\$39,870.00 - National Endowment for the Humanities, National Foundation on the Arts and Humanities, Washington, D. C., Language, Department of Linguistics (A. Zwicky), 1 October 1977 through 28 February 1978. (Project 710833 - New)

March 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,601.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 16 January 1978 through 15 January 1979. (Project 710964 - Continuation)

\$32,576.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Subsonic Wing Aerodynamics Study, Departments of Aeronautical and Astronautical Engineering (G. Gregorek) and Aviation (G. S. Weislogel), 1 December 1977 through 31 August 1978. (Project 710957 - New)

\$32,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Compressible Subcritical Airfoil Design and Test, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 15 January 1978 through 14 October 1978. (Project 710872 - New)

\$30,000.00 - Environmental Protection Agency, Washington, D. C., Phase II, Ohio River Basin Energy Study, Department of City and Regional Planning (S. I. Gordon), 1 September 1977 through 31 August 1978. (Project 710834 - Continuation)

\$29,366.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Antiarrhythmic Studies on 2-Substituted Aminoindenes, College of Pharmacy (R. G. Rahwan), 1 January 1978 through 31 December 1978. (Project 711000 - New)

\$28,125.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Short-Term Dietary Control of Rat Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1978 through 31 December 1978. (Project 710945 - Continuation)

\$26,924.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 January 1978 through 31 December 1978. (Project 710938 - New)

\$24,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Modeling of Human Joint Structures, Department of Engineering Mechanics (A. E. Engin), 16 January 1978 through 17 February 1980. (Project 710961 - New)

March 3, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$14,385.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services (R. C. Dosky), 1 October 1977 through 31 March 1978. (Project 784378 - Continuation)

\$12,087.00 - National Science Foundation, Washington, D. C., The Stability and Age of the West Antarctic Ice Sheet, Institute of Polar Studies, Graduate School and Department of Geology and Mineralogy (D. H. Elliot, P. R. Kyle), 1 January 1978 through 31 December 1978. (Project 711003 - New)

\$11,381.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 October 1977 through 30 September 1978. (Project 710821 - Continuation)

\$1,651.00 - National Endowment for the Humanities, Washington, D. C., A Quantitative Historical Analysis of the Archbishop of Rouen's *Polyptychum*, Department of History (J. H. Lynch, D. E. Crabb), 1 October 1977 through 30 June 1978. (Project 710832 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$6,929,120.00**

State of Ohio Research Contracts/Grants

\$183,184.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1977 through 30 September 1978. (Project 710806 - New)

\$75,000.00 - State of Ohio, Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Coordination of Consultation and Training Services Among the University-Affiliated Facilities in Ohio, Nisonger Center for Mental Retardation, Office of Health Sciences (M. Guralnick), 1 October 1977 through 30 September 1978. (Project 710781 - New)

\$37,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, A Problem-Solving - Model for the Application of Federal Research and Development Outputs to Urban Issues and Problems in Columbus, Ohio, Division of Continuing Education, College of Administrative Science (J. Stanley), 1 July 1977 through 30 June 1978. (Project 710921 - New)

March 3, 1978 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)

\$29,354.00 - State of Ohio, Department of Health, Columbus, Ohio, Waiting Room Patient Education--A Demonstration Project, School of Allied Medical Professions (D. Stein), 1 October 1977 through 30 September 1978. (Project 710880 - New)

\$19,452.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, State of Ohio Facility Planning System, Academic Faculty of Management Science (L. Ritzman), 15 October 1977 through 14 July 1978. (Project 710838 - New)

\$13,114.00 - The Ohio Program in the Humanities, Columbus, Ohio, Focus on the Appalachians of Columbus, Ohio; A Video-presentation and Analysis, Phase II, Telecommunications Center, Office of Educational Services (E. Young), 6 December 1977 through 31 July 1978. (Project 710943 - New)

\$12,208.00 - The Ohio Program in the Humanities, Columbus, Ohio, Community Discussion Series on World Affairs (I and II): Man in a Changing World, Center for International Studies, Office of Academic Affairs (J. S. Adams), 6 December 1977 through 31 May 1978. (Project 710937 - New)

\$4,500.00 - State of Ohio, Commission on Aging, Columbus, Ohio, Doctoral Student/Aging Internship, College of Social Work (R. Washington), 1 October 1977 through 30 September 1978. (Project 710962 - New)

\$1,500.00 - Ohio Arts Council, Columbus, Ohio, American College Dance Festival Regional Festival at The Ohio State University, Department of Dance (H. P. Alkire), 1 February 1978 through 30 April 1978. (Project 710947 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$375,312.00

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

\$387,355.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Sludge Disposal on Farm Lands--An Epidemiologic Evaluation of the Risk of Infection, Department of Medical Microbiology (V. V. Hamparian), 1 October 1977 through 30 September 1980. (Project 710846 - New)

\$346,852.00 - 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 1977 through 30 September 1980. (Project 710842 - New)

\$83,782.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott, J. Young), 1 January 1978 through 31 December 1978. (Project 784652 - Continuation)

March 3, 1978 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)

\$81,230.00 - American Cancer Society, Inc., New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine (A. L. Sagone, Jr.), 1 January 1978 through 31 December 1979. (Project 710934 - New)

\$57,000.00 - City of Columbus, Department of Development, Columbus, Ohio, Housing Counseling Program, Department of Psychology (J. Kaswan), 1 November 1977 through 31 October 1978. (Project 710840 - New)

\$45,470.00 - Danforth Foundation, St. Louis, Missouri, Citizens Network for Urban Education (Third Party Network), Academic Faculty of Educational Administration (R. O. Nystrand), 1 November 1977 through 31 May 1978. (Project 710922 - New)

\$39,600.00 - Financial Executives Research Foundation, New York, New York, FASB8: The Impact of Financial Management Behavior, Academic Faculty of Accounting (J. K. Shank), 1 September 1977 through 31 March 1978. (Project 710967 - New)

\$29,792.00 - Purdue University, West Lafayette, Indiana, ORBES (Ohio River Basin Energy Study) Phase II Core Team Representation and Coordination for Purdue University, Department of Mechanical Engineering (Nuclear Engineering) (R. E. Bailey), 1 September 1977 through 31 August 1978. (Project 710920 - New)

\$28,500.00 - The Camille and Henry Dreyfus Foundation, Inc., New York, New York, Early Start Program in Chemistry, Department of Chemistry, (D. W. Meek), 1 May 1978 through 30 April 1979. (Project 710935 - New)

\$24,482.00 - National Foundation for Ileitis and Colitis, Inc., New York, New York, Microbiological Studies in Crohn's Disease, Departments of Medical Microbiology (V. V. Hamparian, A. C. Ottolenghi, J. H. Hughes) and Medicine (H. S. Mekhjian), 1 January 1978 through 31 December 1980. (Project 710956 - New)

\$17,812.50 - VITA Treatment Center, Columbus, Ohio, VITA Drug Abuse Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 October 1977 through 30 June 1978. (Project 710808 - New)

\$15,052.00 - Elsa U. Pardee Foundation, Midland, Michigan, Elemental Determination of Uncoated Tumor Tissue in the Fresh Frozen State by X-ray Probe Analysis, Department of Zoology (W. B. Parrish), 1 January 1978 through 31 December 1978. (Project 711004 - Continuation)

\$10,965.00 - Epilepsy Foundation of America, Washington, D. C., Effect of Phenobarbital on Developing Rat Brain, Department of Pharmacology (S. A. Tjioe), 1 January 1978 through 31 December 1978. (Project 710948 - New)

March 3, 1978 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)

\$8,000.00 - City of Columbus, Department of Finance, Columbus, Ohio, Assistance in the Application of a Process Model for Increasing Municipal Manpower Effectiveness in a Labor Intensive Market, Division of Continuing Education, College of Administrative Science (J. Stanley), 1 September 1977 through 31 August 1978. (Project 710966 - New)

\$8,000.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Hemodynamic Testing of Prosthetic Heart Valves, Department of Surgery (J. F. Cornhill), 1 January 1978 through 31 December 1978. (Project 710951 - New)

\$8,000.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Chronic Implantation of the Oxford Aortic Heart Valve, Department of Surgery (J. W. Kilman), 1 January 1978 through 31 December 1978. (Project 710950 - New)

\$6,500.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Physiologic Distribution of Digoxin in Uremia, College of Pharmacy (R. H. Reuning), 1 January 1978 through 31 December 1978. (Project 710963 - New)

\$6,300.00 - Steel Founders' Society of America, Rocky River, Ohio, Corrosion Resistance of Stainless Steel and Nickel-Base Alloys, Department of Metallurgical Engineering (F. H. Beck), 1 March 1978 through 31 December 1978. (Project 710960 - New)

\$6,000.00 - Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., An *In Vivo* Metabolism Study of Tetrahydroisoquinolines, Department of Pharmacology (L. K. Wong), 1 January 1978 through 31 December 1978. (Project 710959 - New)

\$5,598.00 - North Ridgeville School, North Ridgeville, Ohio, Assistance in the Preparation of a Long-Range Plan and Educational Specifications, Department of Educational Administration (R. O. Nystrand), 1 December 1977 through 31 May 1978. (Project 711008 - New)

\$3,956.00 - Bayvet Company, Division of Cutter Labs, Inc., Shawnee Mission, Kansas, Evaluation of Xylazine/Drug X, Department of Veterinary Clinical Sciences (W. W. Muir), 1 January 1978 through 31 December 1978. (Project 710999 - New)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$1,220,246.50**

March 3, 1978 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contract/Grant

\$50,000.00 - Ohio Department of Energy, Columbus, Ohio, Remote Sensing Surveys of Energy Losses from Public Buildings, Department of Civil Engineering, December 1, 1977 through September 30, 1978. (EES 577)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$8,500.00 from Toledo Board of Realtors, Toledo, Ohio, for the John W. Galbreath Chair in Real Estate.

\$8,000.00 from E. I. duPont de Nemours & Company, Wilmington, Delaware, for the Affirmative Action Program in Engineering.

\$6,000.00 from Galbreath Mortgage Co., Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 from Endres Floral Company, New Philadelphia, Ohio, for the D. C. Kiplinger Chair in Floriculture.

\$5,000.00 from Mrs. Alice N. Kraus, Delaware, Ohio, for the Radio Telescope Research Fund.

\$5,000.00 from Dr. M. Henry Speck, Youngstown, Ohio, for the Drs. M. Henry and Myron E. Speck Fund.

Establishment of Named Funds

The James W. Shocknessy Scholarship Fund

The James W. Shocknessy Scholarship Fund was established March 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from James W. Shocknessy, devoted University Trustee from 1965 to 1974.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules 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 of the endowment is to be kept intact and the annual income is to be used to provide scholarships for undergraduate students, without respect to their place of residence or origin. The President of The Ohio State University shall determine the basis upon which grants from the scholarship fund shall be made and shall select the undergraduate students to whom grants shall be made.

March 3, 1978 meeting, Board of Trustees

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

Establishment of Named Funds (contd)

The James W. Shocknessy 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 undergraduate scholarships.

Forbes Leadership Award and Scholarship Fund

The Forbes Leadership Award and Scholarship Fund was established March 3, 1978, by the Board of Trustees of The Ohio State University Development Fund from The Benjamin P. Forbes Company through Benjamin F. Forbes, President.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 perpetuate their annual Forbes Leadership Award which goes to a senior in the Department of Food Science and Nutrition who possesses exceptional leadership qualities. In the event there are no qualified candidates, the income may accumulate or be used for financial support of undergraduate students or programs at the discretion of the Department Chairman subject to review by Benjamin F. Forbes or the person at the head of The Benjamin P. Forbes Company so long as said Corporation exists.

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 Food Science and Nutrition education.

The Martin W. Essex Scholarships for Graduate Education in Educational Administration

The Martin W. Essex Scholarships for Graduate Education in Educational Administration was established March 3, 1978, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends and colleagues of Martin W. Essex, Bachelor of Science in Education, '30, and Master of Arts, '34, of Columbus, Ohio, in recognition of his service as the State Superintendent of Public Instruction (1966-1977).

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.

March 3, 1978 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 Martin W. Essex Scholarships for Graduate Education
in Educational Administration (contd)**

Interest income may be used at the discretion of the Chairperson of the Academic Faculty of Educational Administration for the following purpose:

For the awarding of an annual prize to a doctoral candidate in Educational Administration who has exhibited a commitment to excellence through outstanding scholastic achievement and who intends to serve in an administrative capacity in the public elementary and secondary schools.

Should the Academic Faculty of Educational Administration cease to exist through any reorganization of the University, then the interest income will be used for scholarship aid as described above at the discretion of that University officer responsible for graduate education for administrative personnel in the public schools.

Department of Agronomy Weed Science Endowment Fund

The Department of Agronomy Weed Science Endowment Fund was established March 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from individuals, organizations, corporations, and other sources interested in the discipline of Weed 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, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide discretionary funds for the academic faculty of the Department of Agronomy with an interest in Weed Science for use in promoting, supporting and improving graduate studies in the Weed Science program of the Department of Agronomy. These funds may be used to provide for scholarship assistance, travel to professional meetings, program enhancement, faculty training, and equipment and publication needs as determined by the Chairman of the Department of Agronomy in consultation with those faculty members with responsibilities in directing graduate studies in Weed 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 within the Department of Agronomy as determined by the Board of Trustees, with preference being given to recommendations from the Chairman of the Department of Agronomy.

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March 3, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 78-102

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following project are presented for approval:

OHIO STADIUM REPAIRS 1978

Project: Continuation of the repairs to "C" deck, Sections 15, 17, 19, 21, and 23 of the Ohio Stadium. The most severely deteriorated sections of "C" deck were repaired in 1975 and 1977. The work on this project will continue the work necessary to prevent further deterioration of these areas.

Funding: Budget Account 316550 (Athletic Revenue)

Estimated Project Cost: \$270,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

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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TREASURER'S BOND

Resolution No. 78-103

Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.

WHEREAS pursuant to Section 3335.05 of the Ohio Revised Code it is required that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines:

March 3, 1978 meeting, Board of Trustees

TREASURER'S BOND (contd)

NOW THEREFORE

BE IT RESOLVED, That the bond of Leonard V. Cook, Acting Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$500,000.

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

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REPORT - FISCAL AFFAIRS COMMITTEE

Resolution No. 78-104

RENEWAL OF STUDENT HEALTH INSURANCE

Synopsis: Renewal of the Student Health Insurance program with Mutual of Omaha is recommended.

WHEREAS on June 4, 1976, the Board awarded a two-year contract (effective Autumn Quarter, 1976) to Mutual of Omaha to provide Student Health Insurance; and

WHEREAS the renegotiated contract will provide additional benefits as follows:

- Increase the annual preventive medicine benefit from \$25 to \$35
- Increase the surgical schedule from \$600 to \$800
- Increase the daily semi-private hospital maximum room rate from \$75 to \$90
- Increase the surgical fee for removal of an impacted tooth from \$30 to \$40; each remaining tooth from \$12 to \$20; and for soft tissue impaction, each tooth from \$12 to \$20

Additionally, the maternity benefit will be changed from immediate coverage to coverage effective only after the payment of three quarters of premiums; and

WHEREAS this coverage will be available on an optional basis to all registered students at the following premium schedule:

Classification	Quarterly Premium Rates
Student	\$ 31.00
Student and spouse	67.00
Student, spouse and all children	107.00
Student and dependent child or children	71.00

and

March 3, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIR COMMITTEE (contd)

RENEWAL OF STUDENT HEALTH INSURANCE (contd)

WHEREAS this renegotiated Student Health Insurance contract has been recommended by the Subcommittee on Student Insurance of the Council on Student Affairs, ratified by the Council on Student Affairs and approved by the Office of the Vice President for Student Services:

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, 1978, for a period of two years. The contract will provide the benefit changes outlined above as well as those now available under the terms of the current contract.

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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REPORT ON THE BUDGET - PRESIDENT ENARSON

Mr. Chairman and members of the Board, may I report very briefly on--try to highlight rather--the presentation which I made to the Fiscal Affairs Committee of the Board last evening. It is once again the season for budget preparation; we have identified the fixed cost increases; we have the benefit this time of knowing what dollars have been appropriated by the General Assembly; and, of course, we are refining as best we can, enrollment estimates. To go very quickly to the point, I am hopeful that as we get more deeply into the budget process we will be able to fund salary increases of 6½ per cent and possibly more for faculty and staff who now serve here and are returning. In this connection we will be giving prompt and urgent attention to a rather major recommendation which has been formally submitted to us by the Faculty Compensation and Benefits Committee. That committee has done a very thorough and systematic job in the last several years on this complicated question of the mix of direct salary and fringe benefits. They are now strongly recommending a program of tuition remission up to 75 per cent for the dependents of faculty. They are incidentally recommending this be done for those who have served a minimum of three years service. They are also recommending the identical benefit be extended to spouses. Quite properly they have spoken only to faculty concerns. As we reviewed this matter at the President's staff conference and at individual conferences that I have had with the Provost and others, including Madison Scott, Vice President for Personnel Services, we are persuaded that if such a benefit is to be provided, and it is deeply desired by faculty and staff in the interests of equity and fair treatment, it very likely should be extended to the entire work force of the University. Now we have considerable work to do with respect to costing out such a program. I do not propose to bring to the Board an open-ended commitment. Although when this matter first surfaced about two or three years ago, there seemed to be a general impression on

March 3, 1978 meeting, Board of Trustees

REPORT ON THE BUDGET - PRESIDENT ENARSON (contd)

the part of the faculty that one could add students in the classroom without added cost to the University. I think it is now clearly understood that when we talk of this, or any other fringe benefits, we are of necessity putting a price tag on it and it is bought and paid for. Dollars which are provided in fringe benefits are dollars that are not available for direct salary, so we will be refining that. I want to assure the Board on an additional score that in our discussions with the committee, I have stressed that in the press of other business, including the Medical Practice Plan, etc. that I have not had the opportunity to brief the Board as I would have wanted to do at an earlier date. So at such time as we come up with our budget, we will present this in considerable detail and we will ask that the leadership of the Faculty Compensation and Benefits Committee appear before the Board. One other comment on this particular benefit. It is a benefit which is in place in most, if not all, of the Big Ten institutions. It is in place at all of the senior institutions in Ohio with the exception of Cleveland State University and The Ohio State University. I don't think it would be helpful for me to argue the merits of this with you at this time, but we will be coming back to you with that matter.

Mr. Gushman:

On that subject, Mr. President, if I may, I think it would be unfair to you if I did not say that there are members of this Board who have distinct reservations about the cost of this in this time of tough dollars, and we won't try to cross that bridge today, but I would think it would be unfair if I didn't say to you that there is considerable question on my part which I have reason to believe some of the other Trustees may share.

President Enarson:

There are also philosophic concerns that some of you have expressed to me about a benefit which is related to marital status and to parenting.

Mr. Gushman:

And the scope of it beyond the faculty--you say we have a competitive problem with faculty. Where does that competitive problem begin and end? I don't know the answer to that, but I simply want to raise a caveat here that it will require a lot of study.

President Enarson:

Of course, the other key equation central in the eyes of students is the matter of fees, and of course at the time when inflation is running well over 6 per cent a year, if there is no increase in fees, then there is, in effect, a cut from our present analysis, both of income and expenditures, where we feel reasonably confident that we can hold any adjustment to a figure at or below the rate of inflation. Beyond that I think it would be unwise for me to comment. And that completes my report on last night's discussion, Mr. Chairman.

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March 3, 1978 meeting, Board of Trustees

THE ENERGY CRISIS - PRESIDENT ENARSON

I have the energy crisis and I think it is now abundantly evident that life is neither comfortable nor easy when the temperature is 60 degrees. I simply want every member of this Board to know what truly extraordinary cooperation this University has had as we faced the energy crunch. We have moved, in my judgment, with more force, with more determination, with more realism than a good many other institutions in this and other Ohio communities. We are, as of yesterday, operating at somewhere between 34 and 35 per cent below our general rate of electricity consumption in prior years. This has not been done without considerable discomfort that has gone on day after day after day. Some of us haven't had warm feet for months, though we happen to believe that the teaching/learning enterprise is important. It went on long before we had electricity and steam heat in this country and I would hope that we are tough enough to handle it. We have had excellent cooperation. We have had some disruption in schedules. There is no denying it. It is no fun to be President of the University and be forced by the nature of events to turn down the external lights at some risk in safety. It is certainly no fun to limit the hours of the Library. We have done it and we have also had--I want to make a special point of this--we have had excellent cooperation from student leadership. They have been enormously helpful and I simply think this University ought to stand proud for what it has done. And there has been considerable apprehension, as you would guess, about whether we are going to successfully succeed in completing the quarter. I think it is now fairly obvious that we not only intend to complete the quarter, but have the coldest March commencement on history on March 16 in St. John Arena. Whether a commencement ceremony can generate as much heat as OSU basketball, I leave to your imagination. And that completes my report.

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PROPERTIES OF THE UNIVERSITY AND ELECTION OF OFFICERS MR. GUSHMAN

I have two matters to comment on briefly. The subject of the properties of the University, not directly related to or contiguous to our educational facilities, was discussed, I believe, last night at the Fiscal Affairs Committee meeting; we are working on an interim report, and I suspect that we may at some point ask a task force with Trustees perhaps to visit some of these properties as we get down near the end and have questions about them. I think it would be appropriate for us to involve ourselves perhaps at that time.

The second thing is that there will be an election of officers of this Board at the May 5 meeting and I would like at this time to appoint a nominating committee, Jack Havens, Chairman, Jim Hilliker and Dr. John Jacob. Assuming you gentlemen will serve, I'll ask you to be prepared to report at the May meeting with recommendations to this Board.

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March 3, 1978 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 7, 1978, at the Mansfield Campus of The Ohio State University, Mansfield, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Mansfield Ohio, April 7, 1978

The Board of Trustees met at its regular monthly meeting on Friday, April 7, 1978, at The Ohio State University - Mansfield Regional Campus, Mansfield, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Vice Chairman, M. Merle Harrod, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

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Minutes of the last meeting were approved.

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April 7, 1978 meeting, Board of Trustees

Dr. Sirak, Vice Chairman of the Board of Trustees, presided in Mr. Gushman's absence.

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Dr. Sirak, Vice Chairman, called the meeting of the Board of Trustees to order at 10:00 a.m. He requested the Secretary to call the roll. The meeting was recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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The meeting of the Board of Trustees reconvened at 10:30 a.m.

Dr. Sirak:

I will now reconvene the Board of Trustees meeting in public session. We are all delighted to be here and see this beautiful campus today. Nature certainly cooperated. The last time I was here it was snowing. However, this kind of weather gives us all a note of optimism that those incidentally who live in the 'sun belt' never have the pleasure of experiencing.

President Enarson:

Mr. Chairman and members of the Board; I, too, join with the Chairman in expressing pleasure at being here and surviving the winter where it was doubtful whether any of us would survive.

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RESOLUTIONS IN MEMORIAM

Resolution No. 78-105

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

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

Virgil Overholt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1978, of Virgil Overholt, Professor Emeritus of Agricultural Engineering. Professor Overholt retired in 1956, following 41 years of distinguished service to the University.

April 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Virgil Overholt (contd)

Professor Overholt was born at Bloomdale, Ohio, June 19, 1889. He taught elementary and high school prior to coming to O.S.U. He received his Bachelor of Science degree from Ohio State in 1915. In 1921-22 he engaged in graduate studies at the University of Wisconsin.

Professor Overholt was a nationally known authority in the field of water management in agriculture, and was known as "Mr. Drainage" in Ohio. In addition to being an outstanding classroom teacher, he educated farmers, drainage contractors, soil conservationists, and many others throughout Ohio. He developed plans and publications in drainage, farm ponds, home sewage disposal, rural water supply, erosion control and related fields.

Professor Overholt was a member of the American Society of Agricultural Engineers (ASAE), the Soil Conservation Society of America, and Gamma Sigma Delta. He was Chairman of the ASAE Soil and Water Division in 1936. Also active in church work, Professor Overholt was Faculty Advisor to the Albright-Otterbein Fellowship in 1950-54 and Chairman of the Board of Trustees of Fifth Avenue (Columbus) EUB Church in 1946-54. He was an Honorary Member of the Ohio Land Improvement Contractors' Association. He was awarded the ASAE John Deere Medal and was inducted into the Ohio Agricultural Hall of Fame.

Through his inspiring teaching, his warmth and human understanding of people, Professor Overholt gained the affection and respect of all who had contact with him. His positive and constructive attitude toward life will endure among his many friends and colleagues long into the future.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

Edmund M. Spieker

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 6, 1978, of Edmund Maute Spieker, Professor Emeritus in the Department of Geology and Mineralogy. Dr. Spieker joined The Ohio State University faculty in 1927 and served until his retirement from formal teaching in 1965.

Dr. Spieker was born on February 25, 1895, in Baltimore, Maryland, and received the bachelor of arts degree and the doctorate from the Johns Hopkins University. Prior to assuming his teaching responsibilities, Dr. Spieker was employed as a geologist for Imperial Oil, Ltd., and the government of British Columbia; in addition, from 1917 to 1965 he served in various capacities as a member of the United States Geological Survey, which supported much of his original geological field work in Utah.

April 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edmund M. Spieker (contd)

While at the University, Dr. Spieker was Chairman of the Department of Geology from 1945 to 1952 and instrumental in the formation of the Institute of Geodesy, Photogrammetry, and Cartography, later to become the internationally known Department of Geodetic Science. He was also the founder of The Ohio State University Geology Field Station in Utah in 1947, appointed as Research Professor in 1952, and from 1962 to 1973, the Director of The Ohio State University National Science Foundation Summer Institute entitled "Geology and the Nature of Science."

Dr. Spieker was actively involved in many professional organizations including the American Association for the Advancement of Science, the Geological Society of America, and the Ohio Academy of Science. He served as a consultant to the Department of Defense from 1947 to 1955, on the American Commission of Stratigraphic Nomenclature from 1951 to 1953, and in 1950 and 1952 he was a Distinguished Lecturer of the American Association of Petroleum Geologists. In 1967 the government of Finland awarded Dr. Spieker the insignia of the Order of the Lion for his efforts in furthering Finnish-American relations.

During his career Dr. Spieker achieved distinction as one of the nation's foremost field geologists, recognized as an authority on the structure and stratigraphy of the transition zone between the Colorado Plateaus and the Great Basin in Utah. His extensive bibliography contains many important contributions to modern geology, most notably concerning the geologic time scale as it relates to the role of mountain building and the manner in which sediments reflect this process.

The Ohio State University awarded Dr. Spieker an honorary Doctor of Science degree in 1972 in recognition of his contributions to the teaching profession and the advancement of geological science. He was an inspirational teacher and scholar whose work has had a profound influence on geological research and exploration.

On behalf of the University community, the Board of Trustees expresses to the family of Edmund Maute Spieker 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 his family as a sincere expression of sympathy and respect.

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**CHANGE OF STATUS OF DIVISION OF HISTORY OF ART TO
DEPARTMENT OF HISTORY OF ART**

Resolution No. 78-106

Synopsis: Change of status of Division of History of Art to Department of History of Art as approved by the Senate is proposed.

WHEREAS pursuant to Paragraph (I) of Rule 3335-3-34 of the Administrative Code, Schools, Departments, Divisions, Academic Faculties, and Sections are established; and

April 7, 1978 meeting, Board of Trustees

**CHANGE OF STATUS OF DIVISION OF HISTORY OF ART TO
DEPARTMENT OF HISTORY OF ART (contd)**

WHEREAS the Division of History of Art fulfills all requirements for Department status as defined in University policies; and

WHEREAS the request for change of status has been approved by the faculty of the Division of History of Art and the College of The Arts; and

WHEREAS the Council on Academic Affairs supports the request for change of status:

NOW THEREFORE

BE IT RESOLVED, That the recommendation as approved by the University Senate at the meeting held March 11, 1978, be adopted.

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

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**CHANGE OF TITLE FOR CHIEF ADMINISTRATORS AT REGIONAL CAMPUSES
OF THE OHIO STATE UNIVERSITY**

Resolution No. 78-107

Synopsis: Change of Title for the Chief Administrators of the four Regional Campuses of this University is being proposed.

WHEREAS this University has developed four Regional Campuses to provide greater educational opportunity to the people in those regions of the state; and

WHEREAS these campuses have now developed a broad range of programs and resident facilities; and

WHEREAS to provide greater recognition to development of these educational institutions and their relationship to the total University:

NOW THEREFORE

BE IT RESOLVED, That the title of the chief administrators at the four Regional Campuses--Lima, Mansfield, Marion, and Newark--be changed from Director to Dean and Director, effective July 1, 1978.

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

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April 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 78-108

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following 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 "Salary Roll" of the University since the March 3, 1978 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1977-1978, be approved.

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

Appointments

Name: KATHRYN T. SCHOEN
Title: Vice President for Educational Services
Office: Educational Services
Effective: April 1, 1978
Salary: \$40,080.00 (twelve month)
Present Position: Vice President for Educational Services - Designee

Name: DOROTHY W. JACKSON
Title: Assistant Provost
Office: Academic Affairs
Effective: April 1, 1978
Salary: \$32,880.00 (twelve month)
Present Position: Assistant to Provost, Office of Academic Affairs

Name: KENT P. SCHWIRIAN
Title: Professor and Chairman
Department: Sociology
Effective: October 1, 1978
Salary: \$33,720.00 (nine month)
Present Position: Professor and Acting Chairman, Department of Sociology

Leaves of Absence Without Salary

DAVID O. EDWARDS, Professor, Department of Physics, effective April 1, 1978 through September 30, 1978, to accept invitation of the Ecole Normale Supérieure in Paris to work in laboratory on experiments on superfluid liquid helium and to attend International Conference on Low Temperature Physics to be held in Grenoble.

TIM M. BERRA, Associate Professor, Department of Zoology (Mansfield Campus), effective April 1, 1979 through December 29, 1979, to accept a Fulbright Senior Scholar Grant.

April 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

R. J. KRASNIEWSKI, Associate Professor, Academic Faculty of Accounting and School of Public Administration, effective April 1, 1978 through September 30, 1978, to accept a visiting professorship at Northwestern University.

ROBERT CARBONE, Assistant Professor, Academic Faculty of Management Sciences, effective January 1, 1979 through June 30, 1979, to accept a position as Visiting Professor with the Faculty of Administrative Science at Universite Laval, Quebec, Canada.

ROBERT C. FARENTINOS, Assistant Professor, Department of Zoology (Marion Campus), effective May 1, 1978 through April 30, 1979, to accept a temporary assignment with the U. S. Department of Commerce, National Oceanic and Atmospheric Administration.

PAUL L. WRIGHT, Assistant Professor, Cooperative Extension Service, effective March 16, 1978 through June 16, 1978, to pursue a program of professional improvement at University of Toledo.

PATRICIA EISENMANN, Instructor, Cooperative Extension Service, effective February 1, 1978 through August 31, 1978, to pursue a program of professional improvement.

JEFFREY D. LAYMAN, Instructor, Cooperative Extension Service, effective March 6, 1978 through September 24, 1978, to serve as a delegate to the Young Agricultural Specialist Exchange Program with the Soviet Union sponsored by the National 4-H Council in behalf of the Cooperative Extension Service.

ELIZABETH SOPPELSA, Instructor, Department of English, effective April 1, 1978 through September 30, 1978, for personal reasons.

RENATE L. VORIS, Instructor, Department of German, effective April 1, 1978 through June 30, 1978, for personal reasons.

Professional Improvement Leaves

ROBERT BREMNER, Professor, Department of History, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

WILLIAM DEWALD, Professor, Department of Economics, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

AAGE CLAUSEN, Professor, Department of Political Science, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

TIM M. BERRA, Associate Professor, Department of Zoology (Mansfield Campus), effective Winter Quarter 1979.

April 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

DAVID F. ROBINSON, Associate Professor, Department of Slavic Languages and Literatures, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

Emeritus Titles

RALPH L. BAKER, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective April 1, 1978.

ALBERT F. PREBUS, Department of Physics, with the title Professor Emeritus, effective July 1, 1978.

MARIAN E. HERMANCE, Department of Human Nutrition and Food Management, with the title Associate Professor Emeritus, effective April 1, 1978.

BETTY T. BROSCHE, Department of English, with the title Instructor Emeritus, effective April 1, 1978.

JAMES D. TAYLOR, Cooperative Extension Service, with the title Instructor Emeritus, effective April 1, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-109

Synopsis: The report 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 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 report from the Engineering Experiment Station and The Ohio State University Development Fund during the month of February, 1978, be approved.

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

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

SUMMARY FOR FEBRUARY 1978

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	49	\$1,476,592.00
The Engineering Experiment Station	5	148,657.00
		\$1,625,249.00
The Ohio State University Development Fund	4,609 Donors	\$ 648,979.33
 Establishment of Named Funds		
Frances E. Jones Memorial Scholarship Fund (The Ohio State University Alumnae Scholarship Houses)		\$17,976.09
The Merriss Cornell Memorial Fund (College of Social Work)		5,000.00
The Myrtle Cook Cray and Raymond E. Cray Scholarship Fund (College of Social Work and Department of Poultry Science)		1,000.00
The John O. and Elsie Jenkins Memorial Scholarship Fund (Undergraduate students)		

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$106,830.00 - National Science Foundation, Washington, D. C., A System for Complex Image Synthesis and Real-Time Display, Division of Art (C. A. Csuri), 1 February 1978 through 31 January 1979. (Project 784675 - Continuation)

\$93,187.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neuro-oncogenesis by Resorptive Carcinogens, Department of Veterinary Pathobiology (A. Koestner), 1 February 1978 through 31 January 1979. (Project 711011 - Continuation)

\$91,943.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, CTS/Comstar Communications Link Characterization Experiment, ElectroScience Laboratory, Department of Electrical Engineering (D. B. Hodge), February 1978 through 31 January 1979. (Project 784299 - Continuation)

\$43,538.00 - National Science Foundation, Washington, D. C., Collaborative Research on Behavioral and Economic Foundations of Arms Races, Department of Economics (D. L. Brito), 1 January 1978 through 31 December 1979. (Project 711021 - New)

\$38,523.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Anthracycline Antitumor Agents, Department of Chemistry (J. S. Swenton), 1 February 1978 through 31 January 1979. (Project 711010 - New)

\$36,272.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Intracellular pH and Myocardial Electropharmacology, Department of Pharmacology (P. B. Hollander), 1 March 1978 through 28 February 1979. (Project 711031 - Continuation)

\$35,000.00 - National Science Foundation, Washington, D. C., Mediated Electron Transfers and Derivatized Electrode Surfaces, Department of Chemistry (T. Kuwana), 1 March 1978 through 28 February 1979. (Project 784694 - Continuation)

\$34,400.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. Wojcicki), 1 March 1978 through 28 February 1979. (Project 784375 - Continuation)

\$34,400.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1978 through 31 December 1979. (Project 784313 - Continuation)

April 7, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$32,645.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, A Fundamental Investigation of a Hybrid Technique for General Electromagnetic Scatterers and Antennas, ElectroScience Laboratory, Department of Electrical Engineering (G. A. Thiele), 1 February 1978 through 31 January 1979. (Project 784372 - Continuation)

\$32,554.00 - 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 March 1978 through 28 February 1979. (Project 711013 - Continuation)

\$31,983.00 - National Science Foundation, Washington, D. C., The Approximation Problems in Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1978 through 30 June 1979. (Project 784455 - Continuation)

\$29,300.00 - National Science Foundation, Washington, D. C., Microparticle Stratigraphy of Ice Cores from the Ross Ice Shelf, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and L. G. Thompson), 1 January 1978 through 31 December 1978. (Project 711016 - New)

\$28,844.00 - Department of the Army, U. S. Army Research and Development Command, Washington, D. C., The Synthesis of Certain 4'- and 5'- Modified Nucleosides as Potential Antitrypanosomal Agents, Department of Chemistry (J. A. Secrist, III), 15 February 1978 through 14 February 1979. (Project 711028 - New)

\$27,804.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Development Study of Congenital Glaucoma, Department of Veterinary Clinical Sciences (M. Wyman), 1 February 1978 through 31 May 1978. (Project 783830 - Continuation)

\$24,000.00 - Department of the Navy, Naval Ocean Systems Center, San Diego, California, Technical and Analytical Study of NOSC Acoustic Scattering Model, Department of Electrical Engineering (R. G. Kouyoumjian), 2 May 1977 through 1 May 1978. (Project 784720 - Continuation)

\$22,000.00 - National Science Foundation, Washington, D. C., Spectroscopy of Faint Sources, Department of Astronomy (A. E. Slettebak), 1 March 1978 through 29 February 1980. (Project 711024 - New)

\$19,850.00 - National Science Foundation, Washington, D. C., Student Science Training for High Ability Secondary School Students, Department of Engineering Graphics (L. F. Smith), 3 February 1978 through 31 October 1978. (Project 711029 - New)

April 7, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,500.00 - U. S. 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 January 1978 through 31 December 1978. (Project 784631 - Continuation)

\$9,187.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Exploratory Observations of the Ultraviolet Spectra of Late-Type Stars, Department of Astronomy (R. F. Wing), 1 March 1978 through 28 February 1979. (Project 711026 - New)

\$9,000.00 - National Science Foundation, Washington, D. C., Weak Delay Lifetimes of Neutrino Produced Particles in a Tagged Emulsion Spectrometer, Department of Physics (T. A. Romanowski and N. W. Reay), 1 February 1978 through 31 January 1980. (Project 711009 - New)

\$7,800.00 - National Science Foundation, Washington, D. C., The Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 February 1978 through 31 January 1980. (Project 711020 - New)

\$4,565.00 - National Science Foundation, Washington, D. C., Adaptive Radiation in *Aeonium* (*Crassulaceae*) of the Canary Islands (Doctoral Dissertation), Department of Botany (D. J. Crawford and K. A. Evans), 1 February 1978 through 31 January 1980. (Project 711025 - New)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Nursing, Bethesda, Maryland, National Research Service Institutional Award, Department of Communication (D. J. Cegala) and School of Nursing (B. J. Garvin), 13 February 1978 through 12 February 1979. (Project 711019 - New)

\$3,000.00 - 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 Institutional Award, Department of Otolaryngology (D. J. Lim and D. E. Dunn), 19 September 1977 through 18 September 1978. (Project 710944 - New)

\$2,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced Transonic Airfoil Investigation Including Wall and Scale Effects, Department of Aeronautical and Astronautical Engineering (J. D. Lee and G. M. Gregorek), 18 August 1975 through 30 September 1977. (Project 784294 - Continuation)

April 7, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$103.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Region V, Developmental Disabilities Office, Chicago, Illinois, University Affiliated Facilities - Administration and Operation, Nisonger Center for Mental Retardation, Office of Health Sciences (V. L. Reynolds), 30 June 1977 through 29 June 1978. (Project 710559 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$819,218.00**

State of Ohio Research Contracts/Grants

\$280,000.00 - State of Ohio, Department of Energy, Columbus, Ohio, Pilot Energy Extension Service, Cooperative Extension Service (G. R. Gist), 1 February 1978 through 31 July 1979. (Project 711035 - New)

\$25,000.00 - 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 1977 through 30 September 1978. (Project 710804 - New)

\$2,000.00 - Ohio Arts Council, Columbus, Ohio, Six Ohio Artists, Arts Administration (B. Collings), 1 December 1977 through 1 December 1978. (Project 711032 - New)

\$1,355.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1977 through 30 September 1978. (Project 710806 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$308,355.00**

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

\$100,000.00 - Sandoz-Wander, Inc., East Hanover, New Jersey, Immunological Studies of Reproductive Hormones, Department of Obstetrics and Gynecology (V. C. Stevens), 1 February 1978 through 31 January 1979. (Project 784127 - Continuation)

\$92,000.00 - National Association of College and University Business Officers, Washington, D. C., University Price Index Calculation System, Office of Budget and Resources Planning (G. W. Baughman), 30 September 1977 through 28 February 1979. (Project 710949 - New)

\$29,450.00 - Pierce Chemical Company, Rockford, Illinois, Use of Bound Enzymes and Affinity Chromatography in the Synthesis of Polypeptides, Department of Biochemistry (G. P. Royer), 1 January 1978 through 31 December 1978. (Project 784431 - Continuation)

April 7, 1978 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)

\$14,483.00 - The Lalor Foundation, Wilmington, Delaware, Comparative Reproductive Physiology of the Estrous Cycle and Gestation in the Virginia Opossum, Department of Zoology (J. D. Harder), 1 April 1978 through 31 March 1979. (Project 711033 - New)

\$12,930.00 - United Cancer Council, Indianapolis, Indiana, Herpesvirus Induced Transplantation Antigens, Department of Medical Microbiology (J. H. Hughes), 1 January 1978 through 31 December 1978. (Project 711015 - New)

\$12,313.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking of Materials for Water Cooled Reactors, Department of Metallurgical Engineering (R. W. Staehle), 1 January 1977 through 31 December 1977. (Project 784152 - Continuation)

\$12,300.00 - Ohio Education Association, Columbus, Ohio, Professional Development Workshop for 1978, College of Education (D. P. Anderson), 1 January 1978 through 31 August 1978. (Project 711014 - New)

\$12,000.00 - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1978 through 31 March 1979. (Project 784668 - Continuation)

\$9,958.00 - Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response, Department of Medicine (A. L. Sagone, Jr.), 1 January 1978 through 30 June 1978. (Project 783706 - Continuation)

\$9,500.00 - Electric Power Research Institute, Palo Alto, California, Corrosion Chemistry in Low Oxygen Activity Atmospheres Characteristics of Gasified or Incompletely Combusted Coal, Department of Metallurgical Engineering (R. A. Rapp), 1 January 1978 through 31 May 1978. (Project 784496 - Continuation)

\$8,943.00 - Carnegie-Mellon University, Pittsburgh, Pennsylvania, Marine Safety and Environmental Control: An Economic Analysis, Department of Economics (M. L. Visscher), 1 October 1977 through 31 July 1978. (Project 711007 - New)

\$8,366.00 - American Newspaper Publishers Association, Washington, D. C., Motivations As Predictors of Newspaper Reading, School of Journalism (L. B. Becker and E. L. Collins), 1 February 1978 through 30 June 1978. (Project 711023 - New)

\$7,708.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 1 January 1978 through 30 November 1978. (Project 711030 - Continuation)

April 7, 1978 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, Inc., Cleveland, Ohio, Examination of the Immunoregulatory Roles of Gangliosides in Man, Department of Medicine (R. L. Whisler), 1 January 1978 through 31 December 1978. (Project 711012 - 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 School-Community-Oriented Activities Relating to China, University Center for International Studies, Office of Academic Affairs (B. Richardson), 1 January 1978 through 31 December 1978. (Project 711018 - New)

\$3,648.00 - Rachelwood Wildlife Research Preserve, Pittsburgh, Pennsylvania, The Effect of Low Dietary Energy on Ovulation Frequency and Reproductive Endocrinology of the Ewe, Department of Zoology (J. D. Harder), 1 January 1978 through 31 December 1978. (Project 784357 - Continuation)

\$3,010.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1976 through 31 August 1978. (Project 784691 - Continuation)

\$1,400.00 - Branson Aircraft Corporation, Denver, Colorado, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 6 February 1978 through 31 March 1978. (Project 711027 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$349,009.00

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contract

\$40,800.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Implementation of Pavement Design System, Department of Civil Engineering, March 1, 1978 through February 28, 1979. (EES 578)

Industrial and Other Research Contracts

\$56,971.00 - The Ohio State University - Office of Physical Facilities, Columbus, Ohio, for continued Study of Energy Conservation for University Buildings, Department of Mechanical Engineering, July 1, 1977 through June 30, 1978. (EES 468, Extension No. 5)

April 7, 1978 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Research Contracts (contd)

\$22,646.00 - City of Columbus, Division of Water, Columbus, Ohio, Derivation of Operation Policies for Reservoir Pumped Water Interties, Department of Civil Engineering, February 7, 1978 through February 6, 1979. (EES 579)

\$19,840.00 - American Iron and Steel Institute, Washington, D. C., continuation of Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1977 through April 30, 1978. (EES 307, Extension No. 12)

\$8,400.00 - Northern Telecom Canada Limited, Montreal, Quebec, continuation of Modeling Communication Cable Flammability Tests, Department of Chemical Engineering, January 1, 1978 through December 31, 1978. (EES 566, Extension No. 1)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS \$107,857.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$58,500.00 from Eli Lilly and Company, Indianapolis, Indiana: \$38,500.00 for the Infectious Disease Research Fund and \$20,000.00 for the Clinical Pharmacology of Dobutamine - Eli Lilly Company.

\$50,000.00 from The Kiplinger Foundations, Inc., Washington, D. C., for the Willard M. Kiplinger Chair in Public Affairs Reporting.

\$45,500.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware: \$21,000.00 for the du Pont Fund for Research in Chemistry; \$14,000.00 for the du Pont Fund for Mechanical Engineering; and \$10,500.00 for the du Pont Fund for Research in Chemical Engineering.

\$39,984.00 from Mr. and Mrs. Robert L. Evans, Bidwell, Ohio, for the Cantor's Cave 4H Camp.

\$27,200.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$22,146.71 from Systems Associates, Columbus, Ohio: \$16,946.71 for the Department of Medicine General Fund and \$5,200.00 for the Cardiology Support Fund.

April 7, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$19,456.87 from The University Obstetricians & Gynecologists (given in the names of John Boutselis, M.D., Donald Bryan, M.D., Garth Essig, M.D., Moon H. Kim, M.D., Nicholas Teteris, M.D., Roberto Villalon, M.D., Frederick Zuspan, M.D., J. Hutchison Williams, M.D., and Carolyn Ann Copeland), Columbus, Ohio: \$17,569.40 for the EPR-OBS Fund and \$1,887.47 for the William E. Copeland Fund in Obstetrics and Gynecology.

\$17,846.01 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$14,970.00 from The Parker B. Francis Foundation, Hanover, New Hampshire, for the Parker B. Francis Foundation Fund.

\$13,041.10 from the Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

\$10,000.00 from Charities Foundation, Toledo, Ohio, for the Owens-Illinois International Fund.

\$10,000.00 from the George F. Lonz Foundation, Middle Bass, Ohio, for the George F. Lonz Foundation for Enology and Viticulture.

\$9,167.99 from Pulmonary Disease Division of the College of Medicine, Columbus, Ohio, for the Pulmonary and Respiratory Care Research Fund.

\$9,000.00 from Foundation for Endowment of a Chair at The Ohio State University, Inc. (given in the name of M. Riklis), New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$8,660.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$7,906.00 from The Chas. F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$7,000.00 from Nephrology Associates, Columbus, Ohio, for the Renal Disease Research Fund.

\$6,361.68 from Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates, M.D.), Columbus, Ohio, for the Eye Bank Fund.

April 7, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$6,000.00 from Eastman Kodak Company, Rochester, New York, for the Department of Industrial and Systems Engineering Manufacturing Processes Program.

\$6,000.00 from Springfield Board of Realtors, Inc., Springfield, Ohio, for the John W. Galbreath Chair In Real Estate.

\$6,000.00 from Summer & Co., Columbus, Ohio, for the Student Athlete Grant-In-Aid Fund.

\$5,650.45 from Frederick H. Davidorf, M.D., Inc. (given in the name of Frederick H. Davidorf, M.D.), Columbus, Ohio: \$2,148.49 for the Ophthalmology Photography Fund; \$1,709.58 for the Retina Research Fund; \$1,000.00 for the Ophthalmology Art Work Rotary; and \$792.38 for the Operation Eye Research.

\$5,411.56 from Wayne E. Smith, Worthington, Ohio, for the Wayne E. and Mildred K. Smith Endowment Fund.

\$5,000.00 from The Duriron Company, Inc., Dayton, Ohio, for the Duriron Professorship in Metallurgical Engineering.

\$5,000.00 from Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.

\$5,000.00 from The Ohio National Bank (given in the name of Robert G. Stevens), Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 from Ohio Quarter Horse Association, Inc., Richwood, Ohio, for the Ohio Quarter Horse Finley Farm Building Project.

\$5,000.00 from PPG Industries Foundation, Pittsburgh, Pennsylvania, for the Affirmative Action Program in Engineering.

\$5,000.00 from Union Bank and Trust Company, Grand Rapids, Michigan, for the Ohio Florists Association Special Fund.

April 7, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Frances E. Jones Memorial Scholarship Fund

The Frances E. Jones Memorial Scholarship Fund was established April 7, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Frances E. Jones, B.A. '27, M.A. '28, of Berkeley, 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 one or more scholarships for students residing in The Ohio State University Alumnae Scholarship Houses. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee in cooperation with the officials responsible for the Alumnae Scholarship Houses.

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 Merriss Cornell Memorial Fund - College of Social Work

The Merriss Cornell Memorial Fund - College of Social Work was established April 7, 1978, by the Board of Trustees of The Ohio State University with a gift from his wife, Carol Kilmer Cornell, B.S.Soc.Ad. '47; and son, Christopher Kilmer Cornell, B.S.Ed. '70; and daughter, (Lucinda) Sarah Cornell, M.S.W. '76, to The Ohio State University Development Fund to honor the memory of Professor Merriss Cornell who served forty-two years as a teacher of research in the College of Social Work at The Ohio State University.

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

Two-thirds (2/3) of the annual income may be used by the College of Social Work to aid students specializing in social work research as follows: 1) Research scholarships to be awarded to students based on the excellence of their research proposals to enable them to complete their graduate thesis. These scholarships are to be known as THE PROFESSOR MERRISS CORNELL GRADUATE RESEARCH SCHOLARSHIPS; 2) A portion of the two-thirds (2/3) annual income is to be given each year to one graduate student in recognition of a significant research contribution to the field of social work and shall be called THE PROFESSOR MERRISS CORNELL DISTINGUISHED RESEARCHER AWARD; 3) One-third (1/3) of the annual income is to be added to principal each year.

April 7, 1978 meeting, Board of Trustees

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

Establishment of Named Funds (contd)

The Merriss Cornell Memorial Fund - College of Social Work (contd)

All requisitions for funds will be approved by the Dean of the College of Social Work, based upon the recommendations of the research faculty of the College of Social Work.

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 official of the University who is then directly responsible for social work education.

The Myrtle Cook Cray and Raymond E. Cray Scholarship Fund

The Myrtle Cook Cray and Raymond E. Cray Scholarship Fund was established April 7, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Raymond E. Cray, M.S. '30, and Myrtle Cook Cray, B.S.Soc.Ad. '25, 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.

One-half of the annual income is to be used to provide scholarships for undergraduate or graduate students in the College of Social Work (Group Work) and one-half for students in the Department of Poultry Science, College of Agriculture and Home Economics, who have demonstrated academic ability and/or need for financial assistance. The income is to be added to principal until the \$5,000 level is reached. 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 Social Work and 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 Social Work and Poultry Science education.

The John O. and Elsie Jenkins Memorial Scholarship Fund

The John O. and Elsie Jenkins Memorial Scholarship Fund was established April 7, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Thomas A. Jenkins, B.S.Bus.Ad. '50, of Toledo, Ohio; Palmer L. Jenkins, B.S.Bus.Ad. '47, of Alamo, California; and John O. Jenkins, Jr., B.S. Ed. '40, M.A. '46, of Huntington Beach, California, and relatives and friends of the Jenkins family in honor of the parents, Mr. John O. Jenkins, Sr., and Mrs. Jenkins.

April 7, 1978 meeting, Board of Trustees

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

Establishment of Named Funds (contd)

The John O. and Elsie Jenkins Memorial Scholarship Fund (contd)

Funds will be made available through the Jenkins Memorial Scholarship by income derived from the current and future gifts as may be realized and shall be used to provide a scholarship or scholarships of up to \$500 each pending the availability of funds to undergraduate students demonstrating academic ability and need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the University Committee on Student Financial Aid.

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PLANS AND SPECIFICATIONS

Resolution No. 78-110

Synopsis: Plans and specifications have been completed for one project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following project are presented for approval:

MANSFIELD CAMPUS--REPAIR PARKING LOT AND ACCESS DRIVES

- Project: Resurface with asphalt the North parking lot and access roads.
- Funding: Budget Account 885068 (Mansfield Campus Reserve - \$110,600, North Central Technical College - \$23,100)
- Estimated Project Cost: \$133,700.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

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

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April 7, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE

EMPLOYMENT OF CONSULTANT FOR EMPLOYEE BENEFITS

Resolution No. 78-111

Synopsis: Employment of consultant for employee benefits is being proposed.

WHEREAS in 1971 and again in 1973 Ohio State employed outside consultants to develop recommendations concerning the University's faculty/staff benefits programs and in 1971, the firm of Alexander and Alexander was engaged by the University to review the total insurance program of the University, with special emphasis on the faculty/staff benefits program; and

WHEREAS this report served as the basis for a number of subsequent program improvements and the Pritchett and Trieschmann Report in 1973 has also been helpful in evaluating the competitive position of the University's benefits program; and

WHEREAS both reports have proved very helpful and have enabled us to strengthen our program on the basis of this professional counsel; and

WHEREAS it is now essential to initiate a comprehensive evaluation of the various components of our total benefits program since costs associated with group insurance coverage and other benefits, especially in the area of health care, have risen significantly in recent years and also a number of new benefits concepts have been developed and introduced since the earlier studies were prepared; and

WHEREAS with the obvious complexities of such a comprehensive examination, it is proposed that a professional consultant be engaged to assist the University in this study and specifically, it is recommended that the following items be included in the study:

1. Review of our existing programs as to the relevance and mix of programs.
2. Consideration of the cost of benefits and "quality" of these programs.
3. Comparisons with benefits programs of other comparable institutions of higher education.
4. Analysis of various options and alternatives available.

NOW THEREFORE

BE IT RESOLVED, That the Board authorize the President and/or Vice President for Business and Administration to contract for the services of a consultant to provide a comprehensive examination of the University's faculty/staff benefits program, including but not limited to, the above items.

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

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April 7, 1978 meeting, Board of Trustees

**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 (see page 460). 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.

April 7, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY INVESTMENT PORTFOLIO (contd)**

Mr. Devenow: (contd)

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.

SULLIVAN PRINCIPLES

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.¹ 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.

¹Source: U. S. Business and S. A.: The Withdrawal Issue; Special Report 1977-D, November, 1977. (Investor Responsibility Research Center, Inc.)

Mrs. James:

I would like to raise a question with regard to the Mutual Funds--when we discussed this matter back in July it was my understanding that we would not receive proxies through the Mutual Funds.

April 7, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY INVESTMENT PORTFOLIO (contd)**

Dr. Moulton: That is correct.

Mrs. James:

Then how can we follow through on these recommendations in our Mutual Funds.

Dr. Moulton:

We own the stock of three different Mutual Funds. We do not own any stock in the companies in which the Mutual Funds invest.

Mrs. James: So that what they do is beyond our control or suggestion?

Dr. Moulton: We can suggest our desires to the Mutual Funds manager.

Mr. Devenow: It's a tough problem, Pat.

Mrs. James: Then this policy would only affect \$10 million in our Portfolio?

Dr. Moulton:

No, it affects all of our Portfolio except the \$5 million presently invested in Mutual Funds.

Mrs. James: OK.

Mr. Harrod: Three Mutual Funds.

Dr. Moulton: Yes sir.

Mr. Devenow:

But we can be incisive in the areas in which we have complete control, we don't have control of the Mutual Funds.

Dr. Moulton: They vote the proxies.

Mrs. James:

They vote the proxies. Is there any way that if their activity conflicts with our policy here that we could make a decision to no longer invest with those Mutual Funds.

April 7, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY INVESTMENT PORTFOLIO (contd)**

Mr. Devenow:

Certainly, and probably will if that happens--if we get evidence to that effect.

Dr. Sirak: Is there any other discussion?

Mr. Smith:

Just on the South African policy, it's a reasonable policy and I support it. But I want the record to show that my position with regard to complete divestiture is still the same. I still support that but I will vote for the resolution.

Dr. Sirak:

I think what the Board is aiming at is not just specifically concerned with one country but all countries on a worldwide basis. What we're trying to do is use what are at first judgment the economic concerns and economic considerations in maintaining a Portfolio in consonance with the precepts of the Sullivan Principles.

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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REPORT BY PRESIDENT HAROLD L. ENARSON

University Investment Portfolio:

Mr. Chairman and members of the Board: At the outset I would like to express my great appreciation for the action that you've just taken. It is a significant step forward and I think it will command a great deal of support by thinking people who bother to study this complex measure; who respond in a very practical, tangible way with a sense of moral outrage which, I am sure, that we all can feel. Incidentally, there are out of the 2,300 or so colleges and universities in the country, there are only a handful--less than--possibly only several which have gone to divestiture level. Some of the leading universities in the country are taking the kind of step that you took today.

Medical Practice Plan:

As you know, various members of the medical faculty have brought suit against the University to challenge this Board's action in adopting the Medical Practice Plan. Litigation on such matters is unfortunate. However, it is clearly their right to sue. Together with the University's answer and counter claims these suits are now in the hands of our respective attorneys, and the issues are squarely before the courts for final resolution.

April 7, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Medical Practice Plan: (contd)

Our society frequently turns to the courts to resolve important disputes--currently the Columbus community is awaiting a final resolution of its school desegregation case, and universities everywhere are awaiting what promises to be an extremely significant decision of the Supreme Court in the Bakke case. Whatever our personal views of these or other important and controversial issues, we must be prepared and willing to abide by the courts' judgments once these issues are properly before them. We are, of course, fully prepared to accept the courts' final decision in this practice plan litigation, even as we are in the literally dozens of other suits in which this University is involved. And we place this matter in the hands of our attorneys with full confidence that the best interests of the University will be protected and advanced.

With that in mind, we must leave this litigation in the hands of the courts and our respective attorneys, and must continue on with the work of the University--teaching, research and service--even as these suits are pending. Our work is far too important to be immobilized by this or any other conflict.

Energy:

The only other point I would make in my general report on the state of the University is that thanks to the support and understanding of the entire University community, not only on the Columbus campus but the Regional campuses, we survived the great blizzards and we survived the shortage of heat and light. We learned that it was possible to stay, possible to even write a memo when the temperature was 60 degrees. And I want once again to express publicly appreciation to the leadership in student government on campus because they helped us enormously in a difficult time.

Enrollment:

I am not ready to give you anything like a strong, firm estimate of what our enrollment will be next year. You can be assured that we're watching the application rates with great care and we see no alarm signals on the horizons. We are confident that we will be able to sustain our overall undergraduate enrollment; whether we will be able to sustain at present levels the graduate enrollment is something that we have, of course, under review. That completes my report, Mr. Chairman.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-112

RESOLVED, That the report on the University's Investment Portfolio dated March 31, 1978, 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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April 7, 1978 meeting, Board of Trustees

REPORT - MANSFIELD REGIONAL CAMPUS

Dr. Sirak called on Vice President Mount to introduce the guests.

Mr. Mount introduced Dr. James B. Heck, Director of the Mansfield Campus, who in turn reviewed events on that campus, and then introduced Dr. Tim M. Berra, Associate Professor in the Department of Zoology, who spoke on behalf of the faculty of that Campus.

Miss Maureen Conley spoke on behalf of the students and expressed her complete satisfaction with the quality education she was receiving at the Mansfield Campus.

Speaking on behalf of the Mansfield Community was Mr. Richard Phillips, member of the Alumni Advisory Board and also a member of the Mansfield Citizens' Council.

Then the chairman of the Citizens' Council, Mrs. Penny Christman, expressed her pride at the work being done at the Mansfield Regional Campus as she reviewed some of the outstanding events that had occurred since the Board met there five years ago.

President Enarson presented a gift to Mr. Charles A. Wagner, a participant in "Program 60," which is a program for senior citizens.

'Program 65' which we pioneered at The Ohio State University has been copied all over the country and which subsequently was legally mandated by the State of Ohio. We are extremely proud of this program and particularly proud to have a distinguished guest such as you come back and enjoy learning without really worrying about your next job. I thought *The Thurber Album* would be appropriate and I have inscribed it, 'to Charles A. Wagner who like Thurber never stopped learning and laughing. Best Wishes, Harold L. Enarson.'

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Dr. Sirak thanked all of the guests for attending the meeting.

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Thereupon the Board adjourned to meet Friday, May 5, 1978, at the Ohio Union, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward O. Moulton
Secretary

Howard D. Sirak
Vice Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 5, 1978

The Board of Trustees met at its regular monthly meeting on Friday, May 5, 1978, at The Ohio State University - Ohio Union, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Howard D. Sirak, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

May 5, 1978 meeting, Board of Trustees

Mr. Gushman, Chairman, called the meeting of the Board of Trustees to order at 11:00 a.m. He requested the Secretary to call the roll. The meeting was recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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

Mr. Gushman:

I will now reconvene the meeting of the Board of Trustees. I'll ask the secretary to note the attendance, again. All right, we will now ask Mr. Havens, the Chairman of the Nominating Committee to report.

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**ELECTION OF OFFICERS
BOARD OF TRUSTEES**

Resolution No. 78-113

Mr. Havens presented the following report on behalf of the Nominating Committee:

Mr. Chairman, the Nominating Committee appointed by the Chairman has met and wishes to present the following slate of officers for the Board of Trustees for election for 1978 - 79.

Howard D. Sirak, M.D., Chairman

Patricia D. James, Vice Chairman

Edward Q. Moulton, Secretary

Leonard V. Cook, Acting Treasurer

Respectfully submitted by the committee of Dr. Jacob, Mr. Hilliker, and Mr. Havens.

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.

NOW THEREFORE

BE IT RESOLVED, That the foregoing slate of officers be nominated to serve as officers, effective May 14, 1978 through May 13, 1979.

Upon motion of Mr. Havens, seconded by Mr. Harrod, this slate of officers for 1978-79 was elected by unanimous roll call vote.

May 5, 1978 meeting, Board of Trustees

ELECTION OF OFFICERS (contd)

Mr. Gushman:

It is a delight to welcome the new officers, I'm pleased, of course, to see such a fine succession come aboard. I wish you both well, Pat and Howard, and I will join with your other colleagues and give you all the support we can. Good luck to you in the future.

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Mr. Gushman called upon Mr. Melvin Schottenstein, who had requested permission to speak on behalf of the United Way Campaign.

**UNITED WAY CAMPAIGN
Mr. Melvin L. Schottenstein**

Thank you, Mr. Chairman, Trustees, President Enarson. My job this year in the United Way is Campaign Chairman for the City of Columbus and Franklin County where two thousand workers will be requesting contributions from some two hundred thousand people in the Franklin County area. United Way is not just another charity; it's the community charity, and businesses and universities and colleges are making exceptions for it and giving it attention and priority throughout our county and throughout our nation. Every time we collect a dollar for United Way, we get about seven more dollars worth of volunteer services coming into our county. Those services help all of us. They help university faculty, staff, and students.

Now the University area is an area that a lot of us in our city care a great deal about, and if we could get this part of the community really going with regard to United Way, I know the downtown community would feel good, and the interface would be good. I might even be so presumptuous as to suggest that you have professional fund-raisers. We work with them all the time in funding chairs, scholarships and buildings. If we could suggest that an exception be made for the United Way so that they might be used in a campaign like this, you would have dynamic results. So I guess I am saying that I appreciate what this University has done in the past for United Way, but we need to do better. The town needs to do better, and the University needs to do better. I am here to tell you that I'll be talking to some of you. I don't want to go into all the statistics now; I'd like you to review them though, and I think they could be vastly improved to the benefit of this University, its people and this town. Thank you very much.

Mr. Gushman: We appreciate your coming and good luck to you.

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May 5, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 78-114

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

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. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

John A. Slipher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 30, 1978, of John A. Slipher, Professor Emeritus, Cooperative Extension Service.

Mr. Slipher was born January 8, 1891, at Mulberry, Indiana. He attended high school at Frankfurt, Indiana, graduating in 1910. He attended both Purdue University and The Ohio State University and was awarded the Bachelor of Science in Agriculture degree from The Ohio State University in 1914. Graduate education was undertaken both at The Ohio State University and at the Graduate School of the United States Department of Agriculture.

Following graduation from college in 1914, Mr. Slipher became an Instructor in soils at Purdue University and was promoted to Assistant Professor in soils three years later. He held this position until 1920, when he became a Soil Technologist with the National Lime Association. Mr. Slipher left this position in 1923 to join the faculty of The Ohio State University as a Soils Specialist on October 1. His title was later changed to Extension Agronomist and then again to Extension Soil Conservationist, as he continued to work with the agricultural industry of Ohio. He retired from The Ohio State University as an Extension Soil Conservationist on February 28, 1959, following thirty-five years and five months of dedicated service to the institution. He had held the academic rank of Professor since 1940. Mr. Slipher was a pioneer in the development of the soil conservation movement in Ohio, and provided leadership and assistance in the organization and development of Ohio's 88 soil and water and conservation districts.

Honor and recognition continued to come his way, even into retirement. In 1969 he was awarded the Ohio Conservation Hall of Fame recognition, and in 1970 was named to the Ohio Agricultural Hall of Fame. Mr. Slipher will, indeed, long be remembered for his outstanding contributions to educational programs conducted by The Ohio State University and its Cooperative Extension Service.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Slipher its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and a copy be tendered to his family, as sincere appreciation of the Board's realization of the loss to the family, the University, and to his many friends and associates.

May 5, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Joseph William Spretnak

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 10, 1978, of Dr. Joseph William Spretnak, (Earl M. Tilton Professor), Department of Metallurgical Engineering. Dr. Spretnak gave 30 years of distinguished service to the University.

Dr. Spretnak received his primary and secondary education in Canton and Cleveland, Ohio. He earned a B.Sc. degree from The Ohio State University in 1938, a M.Sc. degree from Case Institute of Technology in 1940 and a Ph.D. degree from the University of Pittsburgh in 1948.

Dr. Spretnak's industrial experience includes three years as a Research Metallurgist for the National Malleable and Steel Castings Co., and five years as a member of the staff, Metals Research Laboratory, Carnegie Institute of Technology. In this capacity, he was Principal Investigator on a broad research and development program on all phases of cannon production for the Army. This work covered steelmaking, ingot practice, heat treating, and specifications for gun steels.

Since 1948, Dr. Spretnak has been Professor and Research Supervisor in the Department of Metallurgical Engineering at The Ohio State University. He was the author of 18 technical papers and a co-author for 66 other technical papers related to steel ingots, quench cracking of steels, mechanical properties at very low temperatures, interstitial solid solutions, the boron hardenability effect, oxidation of metals, vapor pressure of metals, metalworking, internal friction and fracture.

Special honors received include the AIME Graduate Student Paper Prize, the Henry Marion Howe Medal and the American Society for Metals Bradley Stoughton Teaching Award. In 1955, he was selected as one of the eight outstanding educators at The Ohio State University. In October, 1957, he was a member of an American Metallurgical delegation which toured the Soviet Union. In 1960, Dr. Spretnak was named Central Ohio Technical Man of the Year. In 1962, he toured the universities and research laboratories in Yugoslavia for the Department of State. He has lectured in Japan, United Kingdom, France and West Germany. Dr. Spretnak, in 1968, was named the Earl M. Tilton Professor of Metallurgical Engineering. He was a Fulbright-Hayes visiting lecturer in 1972 at the University of Ljebljana, Yugoslavia. In 1973, he was elected Fellow of the American Society for Metals.

Since 1971, he served as advisor to the Newman Catholic Student Center adjacent to the campus. And since 1974, he was treasurer of the UNICEF Trick or Treat program for Franklin County.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

May 5, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Roland J. Stanger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 12, 1978, of Roland J. Stanger, Professor Emeritus in the College of Law. Professor Stanger retired in 1971, following 30 years of distinguished service to the University.

Professor Stanger was born in Detroit, Michigan, on October 7, 1910. He received the Bachelor of Arts degree from the University of Michigan in 1931, and was elected to Phi Beta Kappa. He received the Juris Doctor degree from the University of Michigan in 1934, and was elected to the Order of the Coif.

After private practice in New York City, Professor Stanger in 1939 joined the law faculty of Western Reserve University. He came to this University the following year. During World War II he was on leave to serve with the Board of Economic Warfare, and with the Foreign Economic Administration. After the war, he was Deputy Director of the Foreign Trade Administration, Government of Greece, during 1947-1948. He held the Chair of International Law at the Naval War College during 1958-1959, and was Professor of Public International Law at Haile Sellassie I University, Ethiopia, during 1965-1967.

Although Professor Stanger enjoyed a national reputation in the field of International Law, and served as Acting Dean of the College of Law in 1968, to several generations of law students he is their unforgettable instructor in the first-year course in contracts, his favorite course. Colleagues and friends will remember him as a tireless champion of civil liberties.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

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**ELIMINATION OF DEPARTMENT OF BIOPHYSICS AND ESTABLISHMENT OF
DIVISION OF SENSORY BIOPHYSICS**

Resolution No. 78-115

Synopsis: Elimination of Department of Biophysics and establishment of Division of Sensory Biophysics is proposed.

WHEREAS the Department of Biophysics in the College of Biological Sciences does not meet the requirements for a Department as specified in Rule 3335-3-34 of the Administrative Code; and

WHEREAS the faculty of the College of Biological Sciences has voted to eliminate the Department of Biophysics; and

May 5, 1978 meeting, Board of Trustees

**ELIMINATION OF DEPARTMENT OF BIOPHYSICS AND ESTABLISHMENT OF
DIVISION OF SENSORY BIOPHYSICS (contd)**

WHEREAS the present Department of Biophysics does meet the criteria for a Division as specified in Rule 3335-3-34 of the Administrative Code; and

WHEREAS the expertise of the faculty in the present Department of Biophysics is more appropriately represented by the term, Sensory Biophysics; and

WHEREAS the faculty of the College of Biological Sciences has voted to establish in lieu of the Department of Biophysics, a Division of Sensory Biophysics which the Council on Academic Affairs subsequently supported:

NOW THEREFORE

BE IT RESOLVED, That the recommendation as approved by the University Senate at the meeting held April 8, 1978, to eliminate the Department of Biophysics and to establish the Division of Sensory Biophysics be adopted, with the change to become effective July 1, 1978.

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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**NEW LEVELS OF SUPPORT REQUIRED FOR
"ENDOWED CHAIRS" AND "ENDOWED PROFESSORSHIPS"**

Resolution No. 78-116

Synopsis: Support for "Endowed Chairs" raised from \$600,000 to \$750,000 - \$1,000,000 or more; for "Endowed Professorships" from \$150,000 to \$250,000.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs" and "Named Professorships," which were subsequently modified March 3, 1972, and renamed "Endowed Chairs" and "Endowed Professorships"; and

WHEREAS inflation and salaries of distinguished professors have risen rapidly during recent years; and

WHEREAS the levels of support for "Endowed Chairs" (\$600,000) and "Endowed Professorships" (\$150,000) no longer suffice to attract the distinguished faculty leadership the University requires:

NOW THEREFORE

May 5, 1978 meeting, Board of Trustees

**NEW LEVELS OF SUPPORT REQUIRED FOR
"ENDOWED CHAIRS" AND "ENDOWED PROFESSORSHIPS" (contd)**

BE IT RESOLVED, That support in the amount of \$750,000 to \$1,000,000 or more will be recognized by the establishment of a permanent "Chair" which will provide an enduring memorial to the donor and bear the donor's name or an appropriate name of the donor's designation. The fund will be invested in the University's endowment, and the income will be used to provide salary or program support for truly distinguished scholars in the academic field of the donor's interest;

BE IT FURTHER RESOLVED, That support in the amount of \$250,000 or more will be recognized by the establishment of a permanent "Professorship" which will provide an enduring memorial to the donor. The fund will be invested in the University's endowment and the income will be used to supplement the salary or provide program support for an outstanding member of the faculty in an academic discipline designated by the donor;

BE IT FURTHER RESOLVED, That annual support of \$45,000 or more will be recognized by designating a "Chair" for a specific term which will bear the name of the donor or an appropriate name of his designation. Similarly, annual support of \$15,000 or more will be recognized by designating a "Professorship." The donor will ordinarily be expected to guarantee support for a minimum period of three years. Annual funds provided for a distinguished "Chair" or "Professorship" will be used to provide faculty compensation and program support for distinguished faculty members who are appointed to these "Endowed Chairs" and "Endowed Professorships";

BE IT FURTHER RESOLVED, That this increase in support level for "Endowed Chairs" and "Endowed Professorships" shall not affect present "Endowed Chairs" and "Endowed Professorships" or "Chairs" or "Professorships" presently in the process of being developed.

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

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DEGREES AND CERTIFICATES--SPRING QUARTER COMMENCEMENT

Resolution No. 78-117

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:

May 5, 1978 meeting, Board of Trustees

DEGREES AND CERTIFICATES--SPRING QUARTER COMMENCEMENT (contd)

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 9, 1978, 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 awarded degrees and certificates be included in the minutes of this meeting.

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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HONORARY DEGREES

Resolution No. 78-118

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 the honorary degrees as listed below:

William A. Fowler	Doctor of Science
Ralph E. Kent	Doctor of Humanities
Lewis Mumford	Doctor of Humanities
Anna Sokolow	Doctor of Humanities
Mary A. Trautman	Doctor of Science
Milton B. Trautman	Doctor of Science

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 the honorary degree as listed below:

Peter Jay	Doctor of Humanities
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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. Harrod, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 5, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 78-119

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following 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 "Salary Roll" of the University since the April 7, 1978 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

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

Appointments

Name: DIETHER H. HAENICKE
Titles: Dean, College of Humanities, and
Professor, Department of German
Effective: October 1, 1978
Salary: \$47,040.00
Present Position: Vice President and Provost, Wayne State University, Detroit,
Michigan

Name: JAMES E. MEEKS
Titles: Dean and Professor
College: Law
Effective: July 1, 1978
Salary: \$50,040.00
Present Position: Professor, University of Iowa

Name: ROBERT J. LYNN
Title: Professor (James W. Shocknessy Professorship)
College: Law
Effective: October 1, 1978
Salary: \$49,520.00
Present Position: Professor, College of Law

Name: H. RICHARD BLACKWELL
Titles: Chairman, Division of Sensory Biophysics (50%), and
Director, Institute for Research in Vision (50%)
Effective: July 1, 1978
Salary: \$37,800.00
Present Position: Director, Institute for Research in Vision (100%)

Leaves of Absence Without Salary

MARTHA E. SUCHESTON, Associate Professor, Department of Anatomy, effective July 1, 1978 through June 30, 1979, for personal reasons.

BEVERLY DONAHEY, Instructor, Cooperative Extension Service, effective March 17, 1978 through April 16, 1978, for personal reasons.

May 5, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

CONNIE F. OWEN, Instructor, Cooperative Extension Service, effective April 17, 1978 through June 16, 1978, for personal reasons.

Professional Improvement Leaves

JACK FRYMIER, Professor, Academic Faculty of Curriculum and Foundations, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

ROBERT J. CASWELL, Associate Professor, School of Allied Medical Professions, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

Emeritus Titles

RICHARD R. DAVIS, Department of Agronomy, with the title Professor Emeritus, effective May 1, 1978.

KARL P. KLASSEN, Department of Surgery, with the title Professor Emeritus, effective April 1, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-120

Synopsis: The report 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 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 report from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of March, 1978, be approved.

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

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

SUMMARY FOR MARCH 1978

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 31,666.05
The Ohio State University Research Foundation	46	2,706,661.00
The Engineering Experiment Station	2	20,000.00
		\$ 2,758,327.05
The Ohio State University Development Fund	5,015 Donors	\$ 614,167.65
Establishment of Named Funds		
The Luella Henkel Veterinary Medicine Memorial Scholarship Fund (College of Veterinary Medicine)		\$ 50,000.00
The Arthur J. Hoffmann Memorial Educational Fund (Department of Plant Pathology)		5,134.64
The Charles E. and Marian Benson Scholarship Fund (School of Natural Resources)		5,000.00

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

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsors	1976 - 1977		1977 - 1978		% Change from 1976 -77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL					
Student	29	\$13,418,835.00	21	\$13,275,549.00	(1)
Training	141	7,616,211.66	55	4,176,655.00	(45)
Construction	0	0	1	1,681,875.00	100
TOTAL - FEDERAL	191	\$21,035,046.66	77	\$19,134,079.00	(9)
STATE OF OHIO	47	\$ 3,246,744.32	48	\$ 4,007,004.35	23
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS					
	76	\$ 2,159,189.49	23	\$ 460,730.00	(79)
GRAND TOTAL	314	\$26,440,980.47	148	\$23,601,813.35	(11)

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

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL					
Department of Energy*	8	\$ 166,637.00	13	\$ 1,449,780.00	770
National Aeronautics and Space Administration	22	661,346.00	21	799,307.00	21
National Science Foundation	92	4,103,900.00	95	3,858,942.00	(6)
Department of Defense	103	4,165,035.00	82	4,263,568.00	2
Health, Education, and Welfare	150	10,656,261.00	196	17,772,263.47	67
Other Federal	39	3,466,551.00	63	11,587,198.00	234
TOTAL - FEDERAL	414	\$23,219,730.00	470	\$39,731,058.47	71
STATE OF OHIO	20	\$ 592,042.00	38	\$ 1,232,276.04	108
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	164	\$ 4,109,698.55	219	\$ 5,424,015.26	32
GRAND TOTAL	598	\$27,921,470.55	727	\$46,387,349.77	66

*Amount of support received from Department of Energy in Fiscal Year 1977-78 is compared with amount of support received from Energy Research and Development Administration in Fiscal Year 1976-77.

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

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL	22	\$ 124,924.00	20	\$ 150,567.00	21
STATE OF OHIO	18	263,549.00	25	702,517.00	167
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL	384	\$ 724,400.00	410	\$ 877,560.00	21
GRAND TOTAL	424	\$1,112,873.00	455	\$1,730,644.00	56

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

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	1976-1977		1977-1978		% Change from 1976-77
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	37,769	\$ 881,911.21	47,523	\$ 1,210,055.73	37
Major Resources Group					
Deferred Gifts	46	1,689,955.92	41	2,444,249.65	45
Major Individual Gifts	1,082	2,418,824.76	1,455	2,078,961.99	(14)
Corporate Gifts	1,000	2,050,094.72	1,823	3,157,861.24	54
Foundation and Non-Profit Organization Gifts	766	2,345,029.65	699	2,437,355.28	4
Totals	2,894	\$8,503,905.05	4,018	\$10,118,428.16	19
GRAND TOTAL	40,663	\$9,385,816.26	51,541	\$11,328,483.89	21

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contracts/Grants

\$15,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, Technical Coordination Services in Connection with the Ohio Board of Regents Energy Management Program, The Ohio State University, Office of Physical Facilities, Energy Conservation Division, April 1, 1978 through June 30, 1978. (Federal Identification No. 31-6025986)

\$11,351.05 - State of Ohio, Department of Education, Columbus, Ohio, The Recruitment and Preparation of Cadres of Instructional Staff Personnel Development at the Local Education Agency Level, Department of Agricultural Education, March 1, 1978 through July 31, 1978. (EPDA Sub-Project OH-V-703)

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$26,351.05

Industrial and Other Contract/Grant

\$5,315.00 - State of Alaska, Department of Education, Juneau, Alaska, Professional Services, The Center for Vocational Education, January 1, 1978 through August 31, 1978.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$480,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies, Department of Physics (T. A. Romanowski, K. Reibel, K. Tanaka, W. W. Wada), 1 February 1978 through 31 January 1979. (Project 762116 - Continuation)

\$283,200.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine (S. P. Balcerzak), 1 March 1978 through 28 February 1979. (Project 763982 - Continuation)

\$100,978.00 - Department of Health, Education, and Welfare, 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 1978 through 31 March 1979. (Project 711049 - Continuation)

\$94,566.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Action Centered Program for Minority Recruitment, Selection and Training for Successful Graduation and Job Placement, School of Nursing (E. L. Fritz), 1 March 1978 through 28 February 1979. (Project 711058 - New)

May 5, 1978 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, Basic Research for the Earth Dynamics Program, Department of Geodetic Science (I. I. Mueller), 1 April 1978 through 31 March 1979. (Project 711055 - New)

\$63,791.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds, Department of Chemistry (M. S. Newman, D. W. Meek), 1 March 1978 through 28 February 1979. (Project 711042 - Continuation)

\$61,400.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Corrosion, Stress Corrosion Cracking, and Electrochemistry of the Iron and Nickel Base Alloys in Caustic Environments, Department of Metallurgical Engineering (R. W. Staehle, A. K. Agrawal), 1 March 1978 through 28 February 1979. (Project 711036 - Continuation)

\$56,581.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Alpha-Adrenergic Effects on Heart Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 April 1978 through 31 March 1979. (Project 711056 - New)

\$55,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Laboratory Infrared Research Relevant to Atmospheric and Planetary Studies, Department of Physics (K. N. Rao), 1 April 1978 through 31 March 1979. (Project 784566 - Continuation)

\$50,000.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Radiative Transmission Line Analysis, ElectroScience Laboratory, Department of Electrical Engineering (R. Garbacz), 1 January 1978 through 30 September 1978. (Project 784659 - Continuation)

\$45,034.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering (R. Edse), 1 April 1978 through 31 March 1979. (Project 711050 - New)

\$42,384.00 - Department of the Air Force, Headquarters Air Force Contract Management Division (AFSC), Kirtland Air Force Base, New Mexico, Analysis of Aero-Optical Turbulence Measurements, ElectroScience Laboratory, Department of Electrical Engineering (C. A. Levis), 9 January 1978 through 30 September 1978. (Project 710953 - New)

May 5, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$40,849.00 - 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 May 1978 through 30 April 1979. (Project 784705 - Continuation)

\$39,956.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts and Grants Management Division, Washington, D. C., Calculator Information Center, Academic Faculty of Science-Mathematics Education (M. N. Suydam), 1 February 1978 through 31 December 1978. (Project 784692 - Continuation)

\$37,366.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, The Pharmacologic Control of Mast Cell Phosphodiesterase, Department of Pharmacology (R. H. Fertel), 1 April 1978 through 31 March 1979. (Project 711064 - Continuation)

\$30,426.00 - National Science Foundation, Washington, D. C., Stereoscopic Visual and Anemometry Studies of Coherent Motions in Turbulent Shear Flows, Department of Chemical Engineering (R. S. Brodkey), 15 April 1978 through 30 April 1979. (Project 711063 - New)

\$26,489.00 - National Science Foundation, Washington, D. C., Palynology and Palynostratigraphic Zonation of the Beacon Supergroup, Transantarctic Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot, J. M. Schopf, R. A. Kyle), 1 February 1978 through 31 March 1979. (Project 784678 - Continuation)

\$13,208.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma, Department of Medicine (S. P. Balcerzak), 1 February 1977 through 28 February 1978. (Project 710283 - Continuation)

\$12,600.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Fremouw Formation of the Cumulus Hills, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (J. W. Collinson, K. Stanley), 1 April 1978 through 31 March 1979. (Project 784704 - Continuation)

\$12,106.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Specialization in Developmental Disabilities, Nisonger Center for Mental Retardation, Office of Health Sciences (M. F. Chase), 1 July 1977 through 30 June 1978. (Project 784763 - Continuation)

May 5, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,882.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., An Evaluation of the Status of the Naiad Mollusks of the St. Francis River from Parkin, Arkansas, to the Mississippi, Department of Zoology (D. Stansbery), 1 March 1978 through 31 May 1978. (Project 711044 - New)

\$6,900.00 - Environmental Protection Agency, Washington, D. C., Critical Review of Virus Removal by Coagulation and pH, Department of Civil Engineering (O. J. Sproul), 1 October 1977 through 14 June 1978. (Project 711040 - New)

\$3,500.00 - National Science Foundation, Washington, D. C., Diffusion of Innovation, Department of Geography (L. A. Brown), 1 October 1977 through 30 September 1978. (Project 783637 - Continuation)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Infection by Feline Leukemia Virus, Department of Veterinary Pathobiology (J. L. Rojko, E. A. Hoover), 1 January 1978 through 31 December 1978. (Project 711037 - New)

\$2,400.00 - National Endowment for the Humanities, Division of Fellowships, Washington, D. C., Music in Medieval Life and Culture, School of Music (R. Hoppin), 1 January 1978 through 30 September 1978. (Project 710942 - Continuation)

\$1,500.00 - National Science Foundation, Washington, D. C., The Paleoclimate of the Quelccaya Ice Cap, Peru, and Its Relationship to Paleoclimate in High Latitudes, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot, J. H. Mercer, L. G. Thompson), 1 April 1977 through 30 September 1978. (Project 784324 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$1,638,116.00

State of Ohio Research Contracts/Grants

\$56,030.00 - State of Ohio, Department of Education, Division of School Finance, Columbus, Ohio, Pupil Transportation Bus Mechanics Workshop - 1978, The Center for Vocational Education (R. E. Taylor), 22 February 1978 through 31 July 1978. (Project 711054 - New)

\$3,250.00 - Ohio Historical Society, Ohio Historic Preservation Office, Columbus, Ohio, Regional Archaeological Preservation Office 6A, Department of Anthropology (W. Sumner, C. Phagan), 1 April 1978 through 30 June 1978. (Project 711072 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$59,280.00

May 5, 1978 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

\$514,651.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University City Continuation Proposal, The Center for Vocational Education (R. E. Taylor), 1 July 1978 through 30 June 1980. (Project 711061 - New)

\$231,292.00 - The Toledo Edison Company, Toledo, Ohio, Operational Aquatic Ecology Monitoring Program for the Davis-Besse Nuclear Power Station, Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf, J. M. Reutter), 1 January 1978 through 31 December 1979. (Project 711041 - New)

\$50,000.00 - The General Electric Foundation, Bridgeport, Connecticut, Leaders in Career Development Program, Academic Faculty of Special Services (A. C. Riccio) and The Center for Vocational Education (R. E. Taylor), 1 April 1978 through 31 October 1978. (Project 761051 - New)

\$40,157.00 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, Investigation on Efficacy of Tribissen 24% Injectable, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 1 February 1978 through 31 January 1979. (Project 711038 - New)

\$25,000.00 - Leukemia Society of America, Inc., New York, New York, The Role of Adenosine Deaminase in Immune Function and Malignancy, Department of Medicine (M. Grever, S. Balcerzak), 1 July 1978 through 30 June 1980. (Project 711066 - New)

\$23,620.00 - Southwest Oncology Group, Operations Office, Kansas City, Kansas, Southwest Oncology Group, Department of Surgery (J. P. Minton), 1 January 1978 through 31 December 1978. (Project 711048 - New)

\$22,800.00 - The Petroleum Research Fund (American Chemical Society), Washington, D. C., A Novel Support for Solid Phase Peptide Synthesis, Department of Biochemistry (G. P. Royer), 1 September 1978 through 31 August 1981. (Project 711047 - New)

\$20,000.00 - Rockwell International Science Center, Thousand Oaks, California, Elastic Wave Scattering by Flaws for Application in NDR, Department of Engineering Mechanics (V. V. Varadan, V. K. Varadan), 20 March 1978 through 30 September 1978. (Project 711053 - New)

\$20,000.00 - World Health Organization, 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 1978 through 31 December 1978. (Project 710933 - New)

May 5, 1978 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)

\$13,750.00 - Carnegie-Mellon University, Pittsburgh, Pennsylvania, Supplement to Stress Corrosion - Development of a Design Handbook on Stress Corrosion Cracking, Department of Metallurgical Engineering (R. W. Staehle), 15 December 1976 through 30 September 1978. (Project 710303 - Continuation)

\$10,175.00 - The Columbus Foundation, Columbus, Ohio, Regional Archeological Preservation Office 6A, Department of Anthropology (W. Sumner), 1 April 1978 through 31 December 1979. (Project 711059 - New)

\$10,000.00 - Orthopaedic Research and Education Foundation, Chicago, Illinois, Role of Synovial Fluid Enzymes in Articular Cartilage Degradation in Osteoarthritis, Department of Surgery (E. W. Gold, P. H. Curtiss, Jr.), 1 April 1978 through 31 March 1979. (Project 711076 - Continuation)

\$7,800.00 - Association for Brain Tumor Research, Chicago, Illinois, Ganglioside Metabolism in Normal and Neoplastic Glia, Department of Pathology (A. J. Yates), 1 April 1978 through 31 March 1979. (Project 711062 - New)

\$7,680.00 - Gallia County and Gallia County Local Schools, Gallipolis, Ohio, Comprehensive Study of the School Plant Needs for the Gallia County Local Schools, Academic Faculty of Educational Administration (R. O. Nystrand), 1 February 1978 through 31 May 1978. (Project 711043 - New)

\$5,940.00 - Coshocton City Schools, Coshocton, Ohio, Comprehensive Facility Study of the Coshocton City School District, Academic Faculty of Educational Administration (R. O. Nystrand), 15 March 1978 through 15 July 1978. (Project 711060 - New)

\$5,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Role of Prostaglandin E in Blood Pressure Control, Department of Medicine (T. F. Ferris), 1 April 1978 through 30 June 1978. (Project 710749 - Continuation)

\$1,000.00 - World Health Organization, Geneva, Switzerland, Studies on Immunization Against Echinococcus Granulosus, Department of Veterinary Pathobiology (R. P. Herd), 1 July 1978 through 31 December 1978. (Project 710543 - Continuation)

\$400.00 - City of Cambridge, County of Guernsey, Ohio, Guernsey County Housing Survey, Department of Agricultural Economics and Rural Sociology (G. H. Phillips), 1 January 1978 through 31 May 1978. (Project 710817 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$1,009,265.00

May 5, 1978 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Contracts

\$15,000.00 - Picker Corporation, Highland Heights, Ohio, Development of a Germanium Gamma Ray Camera System for Nuclear Medicine, Department of Mechanical Engineering, Nuclear Engineering Division, April 1, 1977 through April 15, 1978. (EES 534, Extension 1)

\$5,000.00 - Pittsburgh Plate Glass Industries, Columbus, Ohio, Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, February 9, 1978 through February 8, 1979. (EES 510)

TOTAL - INDUSTRIAL AND OTHER CONTRACTS \$20,000.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$30,800.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$26,676.21 from Systems Associates, Columbus, Ohio: \$17,057.34 for the Department of Medicine General Fund and \$9,618.87 for the Cardiology Support Fund.

\$22,521.54 from Louise Orr Scott Foundation (in memory of William Craig Orr and Mary Black Orr), Columbus, Ohio: \$16,891.16 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$5,630.38 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$20,000.00 from Merrell-National Laboratories, Cincinnati, Ohio, for the Clinical Pharmacology Fund.

\$12,728.46 from Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates), Columbus, Ohio, for the Eye Bank Fund.

\$12,163.02 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$11,138.00 from Battelle Memorial Institute, Columbus, Ohio, for the WOSU Support Fund.

\$10,000.00 from Paul Ecke Poinsettias (given in the name of Paul Ecke, Sr.), Encinitas, California, for the D. C. Kiplinger Chair in Floriculture.

May 5, 1978 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$10,000.00 from Ohio Power Company, New York, New York, for the American Electric Power Fund for Engineering.

\$8,687.67 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$8,141.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$6,940.00 from Thomas E. Powers, Columbus, Ohio, for the Powers Vet Pharmacology Research Fund.

\$5,000.00 from The F. & R. Lazarus & Co., Columbus, Ohio, for the Student Athlete Grant-In-Aid Fund.

\$5,000.00 from The Upjohn Company, Kalamazoo, Michigan, for the Upjohn Company - Magnus Fund.

Establishment of Named Funds

The Luella Henkel Veterinary Medicine Memorial Scholarship Fund

The Luella Henkel Veterinary Medicine Memorial Scholarship Fund was established May 5, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Miss Luella Henkel, formerly of Cincinnati, Ohio, and Stamford, Connecticut.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 College of Veterinary Medicine scholarships for minority students who have demonstrated academic ability and need for financial assistance. The University is authorized to invade the principal amount of the endowment as and when it shall be necessary to underwrite the cost of the scholarships for up to a maximum of two students per year, until the principal is exhausted. The scholarships will cover the cost of fees, room and board, equipment and instruments. The selection of the recipients is to be made upon the recommendation of the Dean of the College of Veterinary Medicine.

William J. Butler, attorney for the Estate, or his successor, is to be notified of all scholarship appointments. A progress report on each scholarship recipient is also to be provided periodically.

May 5, 1978 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 Luella Henkel Veterinary Medicine Memorial 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 veterinary medicine education.

The Arthur J. Hoffmann Memorial Educational Fund

The Arthur J. Hoffmann Memorial Educational Fund was established May 5, 1978, by the Board of Trustees of The Ohio State University with gifts through the Development Fund in honor of the memory of Arthur J. Hoffmann.

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

The annual income is to be used to support a junior or senior student doing research on a greenhouse vegetable production problem. One student is to be selected each year and the recipient is eligible for renewal for one year. Selection of the recipient is to be made with guidance of the Chairman of the Department of Plant Pathology.

Should the need for these awards cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Plant Pathology education.

The Charles E. and Marian Benson Scholarship Fund

The Charles E. and Marian Benson Scholarship Fund was established May 5, 1978, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Ohio Lumbermen's Association.

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

May 5, 1978 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 E. and Marian Benson Scholarship Fund (contd)

The income is to be used to provide one or more scholarships for forestry students, residents of Ohio, whose career interests include the distribution of lumber and building products. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of a committee comprised of two (2) members appointed by the Ohio Lumbermen's Association, School of Natural Resources, and Forestry Division 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 the study of forestry.

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

Resolution No. 78-121

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

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for each of the following projects:

**MASONRY REPAIRS - EXTERIOR 1978
(BIOLOGICAL SCIENCES BUILDING AND CAMPBELL HALL)**

General Contract

Date Received:	April 11, 1978
No. of Bids:	1
Low Bid:	\$137,884.00

May 5, 1978 meeting, Board of Trustees

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

**MASONRY REPAIRS - EXTERIOR 1978
(BIOLOGICAL SCIENCES BUILDING AND CAMPBELL HALL) (contd)**

General Contract (contd)

Estimate of Cost:	\$146,000.00
Awarded to:	Raymond E. Kelley, Inc. (Bowmansville, New York)
Total Contract:	\$137,884.00
Total Contingency Allowance:	\$ 12,000.00 which is 9 per cent of the construction costs
Total Project Cost:	\$156,000.00
Funding:	Budget Account 210134 (Contract Repair)

MAC QUIGG LABORATORY - ALTERNATE HEAT SOURCE

Mechanical Contract

Date Received:	April 11, 1978
No. of Bids:	5
Low Bid:	\$ 32,770.00
High Bid:	\$ 43,900.00
Estimate of Cost:	\$ 38,500.00
Awarded to:	C & E Mechanical (New Albany, Ohio)
Total Contract:	\$ 32,770.00
Total Contingency Allowance:	\$ 1,500.00 which is 5 per cent of the construction costs
Total Project Cost:	\$ 35,526.00
Funding:	Budget Account 885060 (Conversion of University Facilities to Alternate Fuel) and Budget Account 210134 (Contract Repair)

May 5, 1978 meeting, Board of Trustees

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

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are hereby reported.

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

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REPORT BY PRESIDENT HAROLD L. ENARSON

Budget Circular A-21

I have very brief comments on only two points. Both are simply matters of information and I cite the first only as a reminder that we are always and forever in some kind of a tangle with some agency in Washington which affects either our autonomy or our budget or both. And at present, the Office of Management and Budget in Washington, D. C. has under review and active consideration, a revision of budget circular A-21. Now that won't mean anything to you, but every graduate dean in the country vibrates to that number and every president vibrates to that number. That's the circular which deals with the calculation of indirect costs--and is an area almost as complex as NCAA regulations. It is Byzantine in its complexity; it is a way in which indirect costs are calculated which is of extreme importance to the University. This institution is a member of the Association of American Universities and we met at Palo Alto, California, two weeks ago and have a committee at work lobbying most intensively in Washington, D. C., on revision of the proposed revision. At best I would simply say that the rough calculation which we have made indicates that if the present circular is adopted, we would lose in the order of 1.3 or 1.4 million dollars a year. It's a little bit disconcerting to us all to labor so hard to raise private funds and to labor so hard in the vineyards to get added dollars from the legislature and yet some adjustment made in a highly technical way by technicians in Washington can cost us well over a million dollars. I simply inform the Board that we are actively contributing information and moral support to that battle.

Autumn Quarter Enrollment

The second matter I wish to report on is our best and latest estimate with respect to Autumn Quarter enrollments. Obviously these enrollments are fundamental as we prepare to come to you in June with a recommended budget for the upcoming year and what I have before me is hot off the press. It's a memorandum as of-dated yesterday, with our best guess as to Autumn Quarter enrollments and I'll read this very briefly, if I may or highlight it rather.

May 5, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Autumn Quarter Enrollment (contd)

As of May 1, the Office of Admissions had received 13,271 new Fall Quarter freshmen applications for the coming Autumn and that represents 1,800 more than last year or a 16 per cent increase. We have received 7,292 paid acceptance fees which compares favorably with the 6,254 figure we reported in May of last year.

There are also presently 350-400 prospective students on a deferred acceptance list for the Columbus Campus. There is every likelihood that these waiting students will be admitted to the Columbus Campus in Autumn Quarter. The bottom line as they say is that we have every expectation of filling our classes with respect to entering freshmen and that's, indeed, very good news.

Transfer--Transfer enrollments will probably fall somewhat short of the total numbers enrolled in Autumn, 1977. Applications are 11 per cent below last year's and admissions are 17 per cent below. However, our Office of Admissions believes that it will reach its target of 2,600.

Graduate--I hesitate to report on the graduate enrollment because I'm not at all sure the figure means anything, but as of the present, the total number of graduate admissions trails last year's number by 413 or 17 per cent, but Spring Quarter 1978 enrollments exceeded last year's by 350, so if there is an Autumn Quarter carryover, it could ameliorate our loss of graduate students' enrollment. But, again I would say that applications are in the pipeline and we won't know--we really can't tell yet what our graduate enrollment will be. I remind the Board once again that the graduate enrollment is extremely serious with respect to making our budget.

Professional--We do not anticipate, of course, any open spaces in the professional school classes. There our problem continues to be one of selection, but we have experienced a 13 per cent downturn in applications this year and if you've perhaps noticed in *The Chronicle of Higher Education* or in the newspapers this is a national trend whether it reflects discouragement or what I can't say.

Regional Campuses--I don't think it's of much consequence, I think our regional campuses make us quite nervous because we do have--it looks as if we are going to have some further declines there. I thought I saw John Mount. John, you're in the back pew there. I don't know whether you have--I don't mean to startle you, but I don't know whether you have any insights with respect to enrollments on the regional campuses, but perhaps you might give us at least a sketchy overview.

May 5, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Vice President Mount responded to President Enarson's request for information on enrollment on OSU Regional Campuses with the following statement:

Mr. President and members of the Board: In reviewing the enrollment data for the OSU Regional Campuses as related to the proposed budget for the 1978-79 fiscal year, we have projected a small decrease in total enrollment (one to two per cent). We have noted also the significant percentage decrease, in freshmen applications for admission as of May 4, appears to be large. However, the actual decrease in number on each campus is relatively small, and the administrative staff on each campus has developed programs which we are confident will attract and retain an increased number of older and part-time students to compensate for any decrease in eighteen and nineteen year old students.

May I remind the Board that on each of the regional campuses there is a technical college which shares in the cost of operating the campuses. For example, approximately 2,500 Ohio State and technical college students are enrolled on the Mansfield Campus where the Board met last month. Because of additional associate degree programs in various technologies, an increase in enrollment of the technical colleges is projected. Therefore, we expect each campus to have an increased number of total students in the Autumn of 1978.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-122

RESOLVED, That the report on the University's Investment Portfolio dated April 30, 1978, 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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TRIBUTE TO M. MERLE HARROD

Mr. Gushman: I would like to ask Merle Harrod to stand and join me up here if he will.

Mr. Harrod: Thank you, Mr. Chairman.

Mr. Gushman:

This is Mr. Harrod's last meeting after nine years of strenuous service and a year as chairman. I'm pleased to see they found someone, though, that might even fill your shoes, and I know you all join me in saying that we're happy to see Dan Galbreath be appointed as a Trustees of this University. This is something you can take home.

In recognition of outstanding service to his
alma mater as a member of

The Board of Trustees

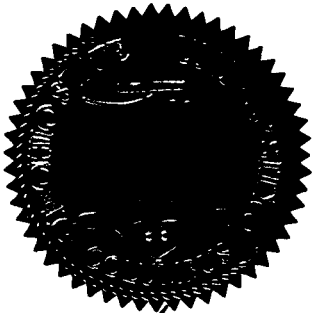
from 1969 to 1978 and Chairman from 1976 to 1977

The Ohio State University

conveys to

M. Merle Harrod

a loyal servant of the University and
faithful custodian of our educational heritage,
its deep appreciation and good wishes



David L. Erwin
President

In grateful acknowledgement this certificate is
presented at The Ohio State University on the
fifth day of May in the year of our Lord nine-
teen hundred and seventy-eight and of the
University the one hundred and ninth.

James J. Zuckerman
Secretary

May 5, 1978 meeting, Board of Trustees

TRIBUTE TO M. MERLE HARROD (contd)

Mr. Gushman: (contd)

In addition to that I have something that I know will be of real service to you. This is wood from University Hall and you can get Dode's attention with this whenever she gives you a problem, after 40 years of service. 'In appreciation of his service to The Ohio State University, Trustee 1969 to 1978, Chairman 1976 to 1977.'

Mr. Harrod: Does it have a rubber face on it?

Mr. Gushman:

No, it's a great pleasure, Merle, to present this to you, and to thank you personally for all the support you have given me and all the help you have been. Best wishes and good health.

Mr. Harrod:

Thank you very much, that's very wonderful. I'm very happy and a little bit sad. These nine years have been very memorable years to me; as a matter of fact, I'd have to say the finest years of my life, and a great part of that is this very fine University which is the greatest. I think it's a tremendous honor for all of us to be serving on this Board of the largest institution in our state, representing eleven million people. I'll never forget in 1969 when I came on this Board, I started my tenure in the midst of some student riots and I'm leaving in the midst of some law suits.

Mr. Gushman: That's progress. You're still a defendant. That's real progress.

Mr. Harrod:

Well, thank you one and all and I appreciate knowing not only the members of the Board, but all the members of this staff; you've been a great inspiration. Thank you.

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INTRODUCTION OF UNDERGRADUATE STUDENT GOVERNMENT OFFICERS

Mr. Gushman:

Well, we've had a luncheon this noon with some of the student representatives and I'm pleased to see the new president of the Undergraduate Student Government. Paul Zock, will you please stand? My luncheon mate Nancy Taglione is vice president. I enjoyed being with you. I don't know what your programs were or how you got elected but good luck and we'll work with you in any way we can. Thank you.

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May 5, 1978 meeting, Board of Trustees

**COMMENTS BY MR. GUSHMAN ON COMPLETION OF HIS TERM
AS CHAIRMAN**

Mr. Gushman:

Now since we're early, and this is my last meeting as Chairman, I'm going to say a few things. It's been eight years for me, Merle, not nine, and incidentally, parenthetically I guess, I think our terms are too long. I know there's been some movement in that direction. I don't know whether it will take place. My personal feeling is that a term of four or five years would be really healthier and bring new ideas and more new blood into the direction of this University--that's just a personal view and we'll just throw that out.

During my year as chairman, we've had the usual budget problems. While I use the term 'usual,' they seem to grow in importance and affect the faculty, the students and all of us. We had some unusual problems--Harold, the energy thing, I guess, would have to fall into that category--but I think it's been a year of progress.

This Board does most of its work through the committee system; I heartily endorse that. The Fiscal Affairs Committee this year under Chairman Devenow has moved in important directions, as far as the management and the protection of the funds of this University, and I'm not only talking about current fiscal funds, I'm talking about the long-term investment funds which we receive through our Development Fund and other sources. I think they've made real progress this year. I still think, Jim and Jack, you have a lot to do; you know that, and you're working at it. Howard Sirak chairs our Educational Affairs Committee, and they've dealt with many matters, but I guess your year has been completely overshadowed by our Medical Practice Plan debate and final action in that regard. I must pause and say, Howard, I thank you personally for a great deal of dedicated time you put in on that matter. Jim Hilliker chairs our Student Affairs Committee, serving with Pat and Dr. Jacob. I know you still feel you need to do more to try to communicate with the students, but I think you have made progress and I appreciate your efforts in that regard.

Harold, you and I now have been serving together for six years, almost, and I just want to say that it's been stimulating and enjoyable, and I appreciate the personal friendship that we've developed. Your staff has been most helpful--Ed, Madison, Kathryn--you have yet to receive your accolade, but I'm sure you will. I have to mention Al because he's been a great help to me on many of the student and faculty problems which are brought to the chairman. I appreciate your help, Al. I guess, Eric and Bill, if I really were a gracious guy, I would have brought some salve to put on the wounds that you received while going through the Medical Practice Plan controversy. Ned has been most capable as Secretary; he's forgotten more about the procedures here than the rest of us will remember and we do appreciate it. And your staff back here--Barbara Osborne, our girl Friday, who so graciously does so many things. Thank you, Barbara.

May 5, 1978 meeting, Board of Trustees

**COMMENTS BY MR. GUSHMAN ON COMPLETION OF HIS TERM
AS CHAIRMAN (contd)**

Mr. Gushman: (contd)

I guess I leave my final word to the Trustees. It has been a great personal pleasure to serve with you and I really have enjoyed it. I feel that I have made some friendships here that I am going to treasure long after this Board is over and I want to thank you--all of you--I've just had wonderful support. You've all worked hard, you don't get paid but you dedicate yourself to this job and on behalf of all the people who benefit from your efforts, I want to thank you.

On this Board, a lot of us are from different backgrounds and that's good; and in fact many of us were appointed by Governors of different political faiths. I said this once before but I think it's worth repeating: in my eight years of service on this Board I have never seen a decision made on political grounds, and I think that's quite important. I think it will stay that way. And, Howard, good luck to you; Pat, I'll help in any way I can.

Mr. Harrod:

You made a suggestion, may I comment? I've been through it, now you've been through it as chairman; but in my judgment the Trustee should serve as chairman during the last year in office. I have various reasons for saying that and I don't expect to talk about them now, but I believe honestly that the lame duck year is not as good for the Board as it should be.

Mr. Gushman: I happen to share that opinion. I guess we'll have to find some--

Mr. Harrod: I don't know how they are going to--

Mr. Gushman:

Some brilliant, hearty soul will serve maybe for two years or something to get back. Well, that's the way it was until four years ago.

Mr. Harrod: I know.

Mr. Gushman:

Three or four years, Ned. We leave that to you--Merle and I leave that to you--to the Trustees. Anything else to come before the meeting. If not, the meeting is adjourned.

--o--

May 5, 1978 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 8, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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APPENDIX IV

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
June 9, 1978

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HONORARY DEGREES

WILLIAM A. FOWLER
Doctor of Science

Known throughout the scientific world, your research accomplishments are recorded in publications now numbering in the hundreds. They attest to the remarkable pace of your career and to its depth and breadth as well. These achievements have brought new understanding to both the sciences of physics and astronomy. Your effective leadership in prestigious organizations has advanced the cause of all sciences. The nation, too, has sought and received your counsel, most recently through the chairmanship of the permanent Nuclear Science Advisory Committee.

PETER JAY
Doctor of Humanities

In a relatively short span of years, you have fashioned a distinguished career in public life, journalism, and broadcasting. Your record in Her Majesty's Service, in major editorial positions with *The Times*, and later as a much-acclaimed broadcast journalist and television personality reflects the breadth of your ability and achievements. With candor and wit, thoughtful analysis and incisive comment, you have provided the people of Britain with a better understanding of major issues in public policy. Your appointment in 1977 as British Ambassador to the United States adds new luster to an already bright record and foretells the promise seen in your selection in 1974 as one of 150 future leaders of the world.

RALPH E. KENT
Doctor of Humanities

You are seen in business and government as a symbol of unquestioned integrity and leadership. Through years of dramatic, fundamental change in accounting practice, your insistence on competence and ethical conduct has sharpened the meaning of professionalism. The economic fabric of our society is stronger today for your vision and courage. Within the business world, your concern for minorities has brought them new opportunities. Not only your many accomplishments, but also your compassion and friendliness have earned the affection and esteem of your colleagues.

HONORARY DEGREES (contd)

MARY AUTEN TRAUTMAN Doctor of Science

Internationally recognized in the fields of ornithology and ichthyology, you are also known for your pioneering work in ecology. Endangered species and other ecological problems are the focus of your continuing and vigorous activity. A distinguished scientist in your own right, you have shared with your husband, Milton B. Trautman, in more than forty years of research and publication and have given us a truer understanding and appreciation of the world around us.

MILTON BERNHARD TRAUTMAN Doctor of Science

Insatiable curiosity about the problems of nature and tireless efforts to solve them have characterized your long and productive career. Your scientific publications on the fishes and birds of Ohio are recognized as scholarly classics. Your field and laboratory research, much in collaboration with your wife, Mary A. Trautman, has documented the destructive changes in our ecological system. Your findings have aided significantly the current efforts in Ohio and throughout North America to correct the malpractices of the past.

Graduate School

Dean: Jules B. Lapidus

Doctor of Philosophy

One hundred and thirty-six candidates

Mohammed Hasan Ali, Dist. Din Ajpur, Bangladesh; B.S., M.S. (East Pakistan Agricultural University); M.S. (University of Cincinnati); *Horticulture*; Dr. Andrew C. Peng

Steven Edward Anacker, Missoula, Mont.; B.A. (University of Oregon); M.A. (University of Montana); *Mathematics*; Dr. G. Neil Robertson

Opal Pauline Anderson, Radford, Va.; B.S. (Radford College); M.Ed. (University of Virginia); *Education*; Dr. Anthony C. Riccio

Steven Alan Anolik, Fairlawn, N. J.; B.A. (University of Connecticut); M.A. (Queens College); *Psychology*; Dr. Henry R. Angelino

William Arnold Apel, Waverly; B.A., M.S.; *Microbiology*; Dr. Patrick R. Dugan

Christos Sotiros Babajimopoulos, Chrysopolis, Greece; *Psychion* (Aristotelian University); M.S.; *Civil Engineering*; Dr. Vincent T. Ricca, Dr. Keith W. Bedford

Gojko A. Babić, Sarajevo, Yugoslavia; Diploma (University of Sarajevo); M.S. (Florida Institute of Technology); *Computer and Information Science*; Dr. Ming-Tsan Liu

Israel Leonard Barak, Bnei-Brah, Israel; B.A. (Bar-Ilan University); M.A.; *Sociology*; Dr. Simon Dinitz

Michael Wray Barry, Bellport, N. Y.; B.S. (Cornell University); M.S. (Iowa State University of Science and Technology); *Entomology*; Dr. David G. Nielsen

Halil Cetin Bedestenci, Morgantown, W. Va.; Diploma (University of Ankara); M.S. (West Virginia University); *Agricultural Economics and Rural Sociology*; Dr. Francis E. Walker

Joe Baker Brown, Columbus; B.A. (Shaw University); M.A. (George Washington University); *Physical Education*; Dr. Lewis A. Hess

Luther Park Brown, Elmhurst, Ill.; B.A. (Elmhurst College); M.S.; *Zoology*; Dr. Jerry F. Downhower

Cheryl Burgan, Dayton; B.S. (Howard University); M.Ed. (Miami University); *Home Economics*; Dr. Julia I. Dalrymple

Helen Eileen Byrd, Columbus; B.A. (University of Florida); M.A.; *Psychology*; Dr. Charles Weinar

Baruch Chass, North Haven, Conn.; B.S. (University of Connecticut); M.A.; *Physical Education*; Dr. Lewis A. Hess

Edward Ira Cohen, Columbus; B.S. (Rensselaer Polytechnic Institute); M.S.; *Computer and Information Science*; Dr. Lee J. White

David Alan Collier, Paris, Ky.; B.S., M.B.A. (University of Kentucky); *Business Administration*; Dr. LeRoy J. Krawjenski

Joyce Kathryn Conley, Berkeley Springs, W. Va.; A.E. (Bucknell University); M.A.; *Music*; Dr. William Poland

George Bernard Cotkin, Bronx, N. Y.; B.A. (Brooklyn College); M.A.; *History*; Dr. Warren R. Van Tine

Wesley Roland Cox, Cincinnati; B.M.E., M.S.; *Mechanical Engineering*; Dr. Lit S. Han

Robert James Crackel, Owosso, Mich.; B.A. (Western Michigan University); M.A.; *Romance Languages and Literatures*; Dr. Pierre Astier

Joseph Paul Dalmasso, Fayetteville, Ark.; B.S. (University of Arkansas); M.S. (Western Michigan University); *Microbiology*; Dr. Matthew C. Dodd

Richard William Decker, Catonsville, Md.; A.B. (Dartmouth College); M.A. (Pennsylvania State University); *Mathematics*; Dr. J. Philip Huneke and Dr. Henry Glover

Marilyn Weisberg Deutsch, Columbus; B.A. (Temple University); M.A.; *Psychology*; Dr. Henry Leland

Om Parkash Dhiman, Panjab, India; B.Sc., B.Sc.E. (Panjab University); M.S.; *Aeronautical and Astronautical Engineering*; Dr. Rudolph Edse

Lawrence Joseph Dries, Louisville, Ky.; B.S. (Tulane University); M.S.; *Physics*; Dr. Timothy R. Donoghue

Gary Alton Dudley, South Point; B.A. (Marshall University); M.A.; *Physical Education*; Dr. Donald K. Mathews

Charles Vernon Durham, U.S. Air Force Academy, Colo.; B.A. (San Jose State College); M.S. (Oklahoma State University); *Psychology*; Dr. Milton D. Hakel

Earl S. Dye III, Columbus; B.A. (Emory University); *Medical Microbiology*; Dr. Frank A. Kapral

Charles B. Dygert, Columbus; B.S.Ed., M.A.; *Education*; Dr. Aaron J. Miller

Donald James Eckert, Akron; B.S. (Michigan State University); M.A.; *Agronomy*; Dr. Eugene O. McLean

Beatrice Dora Edelstein, Columbus; B.A.; M.A. (Seton Hall University); *Communication*; Dr. Edward J. Hardick

Mary Ann Stefonsky Engelman, Cleveland; B.S. (Miami University); M.Ed. (Kent State University); *Education*; Dr. John O. Cooper

John Francis Estenik, Canton; B.S., M.S. (John Carroll University); *Zoology*; Dr. N. Wilson Britt, Dr. William J. Collins

Susan Wolf Evans, North Canton; B.S. (Heidelberg College); M.S.; *Anatomy*; Dr. Ronald L. St. Pierre

Sally Ann Harris Ferguson, Franklin, Va.; B.A. (Norfolk State College); M.A.; *English*; Dr. Patrick E. Millen

Leslie Stuart Fishler, Columbus; B.S. (Polytechnic Institute of Brooklyn); M.S.; *Chemical Engineering*; Dr. Robert S. Brodkey

Steven John Fleck, Mishicot, Wis.; B.S. (Wisconsin State University); M.A.; *Physical Education*; Dr. Robert L. Bartels

Duncan Foley, Columbus; B.A. (Antioch College); M.S.; *Geology and Mineralogy*; Dr. David H. Elliot

Janet Elizabeth Frantz, Anthony, Kan.; B.S. in Educ. (Kansas State Teacher's College); M.A.; *Political Science*; Dr. Randall B. Ripley

Evelyn Blossom Freeman, Columbus; B.A. (Chatham College); M.A. (University of Chicago); *Education*; Dr. Donald L. Haeefe

Nancy Elizabeth Fried, Columbus; B.S.Ed., M.S.; *Education*; Dr. Mildred C. Hillestad

Floyd Ely Friedli, Coshocton; B.A. (College of Wooster); M.S.; *Chemistry*; Dr. Harold Shechter

Louis Westmoreland Fry, Columbus; B.S. (Southern Methodist University); M.B.A. (American University); *Business Administration*; Dr. H. Randolph Bobbitt

Richard Wesley Garvin, Kenton; B.S., M.S.; *Physics*; Dr. Philip E. Wigen

Richard George Gebhardt, Columbus; B.S.Ed. (University of Akron); M.S.W.; *Education*; Dr. William D. Dowling

Andrea Lynn Gilchrist, Cincinnati; B.S.Ed., M.A.; *English*; Dr. James R. Kincaid

Andrew Cameron Gillespie, Liverpool, England; Diploma (Loughborough University of Technology); M.A.; *Physical Education*; Dr. Edward L. Fox and Dr. A. John Merola

George Spencer Gilley, Belleville, Ill.; B.A., M.A. (Southern Illinois University); M.A. (Washington University); *Education*; Dr. Paul R. Klotz

Robert Lee Gilliland, Tempe, Ariz.; B.S.Agr. (University of Arizona); M.A. (Arizona State University); *Agricultural Education*; Dr. Robert W. McCormick

Tsvi Goldenberg, Kiriat-Shmuna, Israel; B.S. (Technion Israel Institute of Technology); M.S.; *Metallurgical Engineering*; Dr. John P. Hirth

John William Grashel, Columbus; B.S.Ed., M.A.; *Music*; Dr. A. Peter Costanza

David Alan Grattan, Columbus; B.S. (Saint Francis College); *Pharmacy*; Dr. Donald T. Witak

Douglas Latham Haneline, Columbus; A.B. (Middlebury College); M.A. (University of Delaware); *English*; Dr. John M. Muste

Ingjaldur Hannibalsson, Reykjavik, Iceland; B.S. (University of Iceland); M.S.; *Industrial and Systems Engineering*; Dr. Walter C. Giffin

Baljit Singh Hansra, Panjab, India; B.S., M.S. (Punjab Agricultural University); *Education*; Dr. John C. Belland

John Robert Harvey, Hamilton; B.S.Agr. (Purdue University); M.P.H. (University of Michigan); *Education*; Dr. William D. Dowling

Stephen David Hinerman, Huntington, W. Va.; B.A., M.A. (Marshall University); *Communication*; Dr. Leonard C. Hawse

Katherine Anne Holter, Newark, Del.; B.S. (University of Delaware); M.S.; *Chemistry*; Dr. Daryl H. Busch

Yun-Hua Huang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemistry*; Dr. Perry A. Frey

Vijay Chinubhai Jaswa, Kandivli, India; B.Tech. (Indian Institute of Technology); M.S.; *Electrical Engineering*; Dr. Robert B. McGhee

- Eugene Etheridge Jones, Fairborn; B.S. (Tennessee A. & I. State University); M.A. (Pennsylvania State University); *Industrial and Systems Engineering*; Dr. Albert B. Bishop
- Michael Jon Jochen, Ashland; B.A. (Saint Olaf College); M.A. (Case Western Reserve University); *Music*; Dr. A. Peter Costanza
- William Frederick Kaemmerer III, Columbus; B.A. (Miami University); M.A.; *Psychology*; Dr. Curtis A. Sandman
- Allan Paul Katz, Springfield, N. J.; B.S. (Massachusetts Institute of Technology); *Metalurgical Engineering*; Dr. John P. Hirth
- Daniel Bruce Keck, Columbus; B.A., M.A. (California State College at Los Angeles); *Education*; Dr. Walter G. Huck
- Geraldine Berman Keller, Columbus; A.B. (Hunter College); M.A. (New York University); *Communication*; Dr. Victor D. Wall, Jr.
- Laretta Elizabeth King, Summerton, S. C.; B.S.H.E. (Hampton Institute); M.Ed. (Pennsylvania State University); *Agricultural Education*; Dr. Robert W. McCormick
- Shay-Whey Margaret Koh, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S. (State University of New York College at Brockport); *Biochemistry*; Dr. Gary E. Means
- Robert Andrew Kohan, Newtown Square, Pa.; A.B. (Eastern Baptist College); M.A.; *History*; Dr. Philip P. Poirier
- Beth Lynn Sponseller Koup, Poughkeepsie, N. Y.; B.A. (Ohio Wesleyan University); *English*; Dr. James R. Kincaid
- Deanna Daigle Lamb, Columbus; B.A. (Rivier College); M.A.; *Education*; Dr. Donald L. Haeefe
- Fletcher Christian Latta, Pomeroy; B.A., M.A. (Ohio University); *Linguistics*; Dr. Robert J. Jeffers
- Yong Han Lee, Seoul, Korea; B.S. (Seoul National University); M.S.; *Electrical Engineering*; Dr. Robert B. Lackey
- Alfred Leick, U Pram, Germany; Eng. Cert., Diplom Ingenieur (Technical University, Munich); M.S.; *Geodetic Science*; Dr. Ivan I. Mueller
- Patricia Barker Lerch, Columbus; B.A. (Cleveland State University); M.A.; *Anthropology*; Dr. Erika Bourguignon
- John William Lozier, Rocky River; B.A. (University of Colorado); M.A.; *History*; Dr. Merritt Roe Smith
- Harvey Lyons, Columbus; B.S., M.E. (Cooper Union); *Mechanical Engineering*; Dr. Jack A. Collins
- Larry Anthony Magliocca, Columbus; B.S.Ed. (Slippery Rock State College); M.Ed. (University of Pittsburgh); *Education*; Dr. Thomas M. Stephens
- Irajji Malekmoahadi, Logan, Utah; B.S. (Hamadad Agricultural College); M.S. (Utah State University); *Agricultural Education*; Dr. Robert W. McCormick
- Bonnie Hummel Matthews, Worthington; B.S. (Bowling Green State University); M.A.; *Education*; Dr. George L. Lewis
- George Frederic Medford, Wellesley Hills, Mass.; B.A. (Denison University); M.S.; *Chemistry*; Dr. Sheldon G. Shore
- Carol Vandergrift Middelberg, Columbus; B.A. (Brown University); M.A.; *Psychology*; Dr. Charles Wenar and Dr. Steven J. Gross
- Joon Hong Min, New Rochelle, N. Y.; B.E. (Hayan University, Korea); M.S.M.E. (University of Akron); *Mechanical Engineering*; Dr. Francis A. Kulacki
- Arnold Theodore Mosberg, Columbus; B.A.A.E., M.S.; *Interdisciplinary: Chemical Engineering, Electrical Engineering and Veterinary Physiology and Pharmacology*; Dr. Robert M. Nerem
- John Robert Mount, Columbus; B.S. Food Tech., M.S.; *Horticulture*; Dr. Wilbur A. Gould
- Joe Matthew Okhaku, Morgantown, W. Va.; B.S.P.E., M.S. (West Virginia University); *Physical Education*; Dr. Edward L. Fox
- Lawrence Okey Onyekewe, Onitsha, Nigeria; B.A. (University of Nigeria); M.A.; M.A.; *Political Science*; Dr. R. William Liddle
- Harold Steven Orenstein, Levittown, N. Y.; B.A. (State University of New York at Stony Brook); M.A.; *Slavic Languages and Literatures*; Dr. Kenneth E. Naglor
- Robert Evans Owens, Jr., Columbus; B.A., M.A. (University of Delaware); *Communication*; Dr. James D. MacDonald
- William Dennison Paige, Atlantic Beach, Fla.; B.S., M.S.Ed. (State University of New York College at Oswego); *Education*; Dr. Willis E. Ray
- W. Michael Panneton, Pittsburgh, Pa.; B.S. (Georgetown University); *Anatomy*; Dr. George F. Martin
- Yong Soo Park, Seoul, Korea; B.S. in Engr. (Seoul National University); M.S.; *Metalurgical Engineering*; Dr. Roger W. Staehle
- Daniel M. Patterson, Xenia; A.B. (Wilmington College); M.A.; *Education*; Dr. Herman J. Peters
- Dale Nathaniel Payne, South Vienna; B.S., M.S.; *Anatomy*; Dr. G. Adolph Ackerman
- John Curran Peterson, Columbus; B.E. (Youngstown State University); M.S.; *Electrical Engineering*; Dr. Ronald K. Long
- Sylvester Lee Peterson, Raleigh, N. C.; B.A. (Saint Augustine's College); *Education*; Dr. William W. Wayson
- Mary Faust Piascik, Mayfield Heights; B.S. (Ohio Northern University); *Pharmacy*; Dr. Ralf G. Rahnson
- Michael Thomas Piascik, Mayfield Heights; B.A. (Hiram College); *Pharmacy*; Dr. Dennis R. Feller
- Nathan Abraham Pickard, Chicago, Ill.; B.S. (University of Illinois at Chicago Circle); *Physiological Chemistry*; Dr. Hans-Dieter Gruemer
- Frank Steven Pipers, Worthington; B.S., D.V.M., M.S.; *Veterinary Physiology and Pharmacology*; Dr. Robert L. Hamlin
- Murray Norman Print, Columbus; B.A., Diploma (University of West Australia); M.A. (University of Sidney); *Education*; Dr. M. Eugene Gilliom
- Sangghon Rhee, Seoul, Korea; B. Law (Seoul National University); M.A. (Rutgers State University); *Business Administration*; Dr. E. Han Kim
- Stanley Earle Rittgers, Columbus; B.S. (University of New York at Buffalo); M.S.; *Biomedical Engineering*; Dr. Robert M. Nerem
- John Daniel Rohrer, Orrville; B.S.Agr., M.A.; *Agricultural Education*; Dr. Clarence J. Cunningham
- Renee Kunowitz Sandell, New York, N. Y.; B.A. (City College of New York); M.A.; *Art Education*; Dr. Kenneth Marantz
- Richard Lawrence Schuster, Sun Prairie, Wis.; B.S. (University of Wisconsin at Whitewater); M.A. (Arizona State University); *Sociology*; Dr. Simon Dinitz
- Herbert Amos Scott, Los Angeles, Calif.; B.A.B. (University of California); M.A.; *Political Science*; Dr. Randall B. Ripley
- Champa Sengupta, Barrackpore, India; B.Sc. (University of Jodhpur); M.Sc. (University of Kalyani); *Botany*; Dr. Vatayamghat Raghavan
- A. Richard Sentieri, Mansfield; Mus.B. (Oberlin College); M.A.; *Music*; Dr. William Poland
- Kwan-Fu Rex Sheu, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemistry*; Dr. Perry A. Frey
- Kenneth Lee Smarkel, Redding, Calif.; B.S.C.E., M.S.; *Civil Engineering*; Dr. Robert M. Sykes
- Richard Lawrence Smith, Columbus; B.S. (Shippensburg State College); M.Ed. (Pennsylvania State University); *Education*; Dr. Mildred Hillestad
- Sarah Miller Smith, Columbus; B.S.Ed., M.Ed.; *Education*; Dr. Herman J. Peters
- Aron Nathan Spector, Toronto, Ont., Canada; B.A. (University of Toronto); M.A.; *Geography*; Dr. Reginald G. Golledd
- Raymond H. Starrett, Lustin, Calif.; B.A. (California State College at Long Beach); M.A.; *Psychology*; Dr. Fred L. Damarin
- Jill Ann Steinberg, Huntington Valley, Pa.; A.B. (Boston University); M.A.; *Psychology*; Dr. Jacques W. Kaswan
- William Tanner Stewart, Zanesville; B.S. (Massachusetts Institute of Technology); M.S. (Ohio University); *Industrial and Systems Engineering*; Dr. William T. Morris
- Daniel Bruce Switchenko, Willimantic, Conn.; B.S. (Central Connecticut State College); M.A.; *Physical Education*; Dr. Edward L. Fox
- Gerald Masaji Takasaki, Hakalau, Hawaii; B.S.E.E., M.S.; *Electrical Engineering*; Dr. Robert E. Fenton
- Richard Raymond Teaff, Columbus; B.A. (Capital University); M.A.; *Education*; Dr. William D. Dowling
- David McCleod Theobald, Akron; B.S.E.E., M.S. (University of Akron); *Electrical Engineering*; Dr. Daniel B. Hodge
- Eileen Tiedt, Columbus; B.S.Nurs. (Marquette University); M.S.Nurs. (Wayne State University); *Education*; Dr. James K. Duncan
- Estelle J. Tsevdos, Seven Hills; B.A. (Ohio Wesleyan University); *Pharmacology*; Dr. Robert W. Gardier, Dr. Philip B. Hollander

Diana Lee Veith, Columbus; B.A. (University of Massachusetts); M.A.; *Psychology*; Dr. John E. Horrocks

John Allan Weaver, Dayton; B.S. in Engr. Phys. (Montana State College); M.S.; *Physics*; Dr. Robert L. Mills

Jacques Marie Wendel, South Bend, Ind.; Licence (University of Nancy, France); M.A. (University of Notre Dame); *Romance Languages and Literatures*; Dr. Charles G. S. Williams

Kenneth Herbert Wenker, U.S. Air Force Academy, Colo.; B.A. (Saint John's College); M.A.; *Philosophy*; Dr. Andrew G. Oldenquist

Johnny Oliver Wright, Radnor; B.S., M.S.; *Chemical Engineering*; Dr. John T. Heibel

Hwei-Jen Yang, Hattiesburg, Miss.; B. Law (National Taiwan University); M.A. (Murray State University); *Communication*; Dr. Jack E. Douglas

Liow-jing Louis Yang, Taichung, Taiwan, R.O.C.; B.S. (National Taiwan University); *Mathematics*; Dr. Alan C. Woods

Steven Mark Yarnell, Adelphi, Md.; B.A. (George Washington University); *Political Science*; Dr. John H. Kessel

Marlen David Yost, Columbus; B.S. (Manchester College); M.A. (Michigan State University); *Education*; Dr. Donald P. Saunders

Angela Howard Zophy, Beaumont, Tex.; B.A. (Lamar State College of Technology); *History*; Dr. Robert H. Bremner

Master of Accounting

Four candidates

Bruce E. Christoff, Massillon; B.A. (Mount Union College); *Accounting*

Kenneth Michael Levin, Columbus B.S.Agr.; *Accounting*

Arthur J. Roberts, Fort Lauderdale, Fla.; B.A. (Biscayne College); *Accounting*

Gary Steven Shamis, University Heights; B.S. (Tulane University); *Accounting*

Master of Applied Statistics

Seven candidates

Arthur Bocian, Brooklyn, N. Y.; B.A. (New York University); *Statistics*

Gary Nelson Bovard, Utica; B.S.Agr.; M.S.; *Statistics*

Bruce Edward Buxton, Columbus; B.S.; *Statistics*

Robert Lester Cofer, Ashville, N. C.; B.A. (Ohio Northern University); M.A. (Miami University); *Statistics*

John David Earnshaw, Sarnia, Ont., Canada; B.S. (University of Manchester); *Statistics*

David Paul Koester, Aurora, Ill.; B.A. (Augustana College); *Statistics*

Neal Alan Wallingford, Columbus; B.S.; *Statistics*

Master of Architecture

Eight candidates

Birinder Pal Singh, Ahuja, West Point, Miss; B.Arch. (Panjab University, India); *Architecture*

Douglas Alan Bennett, Fairview Park; B.Arch. (University of Virginia); *Architecture*

Abdalla Mohamed Daab, Tripoli, Libya; Arch. (University of Florence, Italy); *Architecture*

Nicholas Paul Daley, Erie, Pa.; B.A. (University of Pennsylvania); *Architecture*

Sean Jeffrey Ehлке, Appleton, Wis.; B.S.Arch. (University of Illinois); *Architecture*

Churoo Lim, Lansing, Mich.; B.Engr., M.Engr. (Yonsei University); M.C.P. (Seoul National University); *Architecture*

Aristotle R. Matsa, Columbus; B.S.Arch.; *Architecture*

Gary R. Rutledge, Orrville; B.S.Arch.; *Architecture*

Master of Arts

Two hundred and eighty-one candidates

Veronica L. Aicardi, Santiago, Chile; B.A. (University of Chile); *Romance Languages and Literatures*

Nancy Wheeler Angleberger, Granville; B.F.A. (Columbia University); *Education*

Patricia Arthur, Columbus; B.S.Jour. (Ohio University); *Education*

James S. Baker, Columbus; B.A. (Capital University); *Education*

Virginia Sue Ballinger, Columbus; B.A. (Hanover College); *Education*

Janice Kathleen Bell, Oregon; B.S.Ed. (Bowling Green State University); *Education*

Tamora K. Biandudi, Columbus; B.S. (Sioux Falls College); *Education*

Mona Jean Bias, Portsmouth; B.A. (Marshall University); M.A. (University of Maryland); *Education*

Gregory M. Bigus, Richmond Heights; B.A. (Heidelberg College); *Education*

Susan Reimers Billing, Columbus; B.S.Soc.Wel.; *Education*

Deborah Marie Birdwell, Westerville; B.S.Ed. (Kent State University); *Physical Education*

David Jonathan Birnbaum, Newton, Mass.; A.B. (Brown University); *Slavic Languages and Literatures*

Karen M. Bjornland, Williamsville, N. Y.; B.A. (State University of New York at Fredonia); *Journalism*

Susan K. Blackford, Columbus; B.A.; *Interdisciplinary: Communication, Psychology, Sociology*

Rachelle T. W. Blosser, Philadelphia, Pa.; B.S. (Pennsylvania State University); *Dance*

Patricia Lee Blume, Columbus; B.F.A.; *Education*

Katherine M. Wall Boehm, Columbus; B.A. (Capital University); *Education*

Chaona Winters Bolling, Raleigh, N. C.; B.A. (Saint Augustine's College); *Public Administration*

Barbara Ann Boyd, Roseville, Mich.; B.S.Ed. (Wayne State University); *Dance*

James L. Breithaupt, Mt. Vernon; B.A.; *English*

Dale Everett Brown, East Canton; B.S.; *Education*

Robin Jeffrey Brown, Youngstown; B.A. (Youngstown State University); *Photography and Cinema*

Kent W. Burgert, Columbus; B.S.Ed.; *Physical Education*

Gerald Lee Burton, Baltimore, Md.; B.S. (Livingstone College); *Education*

David Ray Busch, Westerville; B.S.; *Education*

Sharon McDonald Cade, Columbus; B.S. (Gonzaga University); *Education*

Blondell Jennings Capell, Thomaston, Ga.; B.A. (Benedict College); *Education*

Scott F. Caputo, Cleveland; B.A. (Baldwin-Wallace College); *Art*

Steven Bernard Carnes, Bellefontaine; B.A.; *Classics*

Patricia Kay Carr, Sidney; B.A.; *Public Administration*

Jatyna J. Covert Carter, Dublin; B.S.Ed. (Ohio University); *Education*

Raymond W. Catalano, Ocala, Fla.; B.A. (University of Michigan); *Journalism*

Timothy F. Champney, Yellow Springs; B.S. (University of Utah); *Psychology*

James Michael Clark, Milwaukee, Wis.; B.A. (University of Wisconsin); *Slavic Languages and Literatures*

Jo Ann Fox Clark, Farmersville; A.B. (Eastern Kentucky University); *English*

Lynn Fischer Cook, Columbus; B.Art Ed.; *Industrial Design*

Tushinde C. Cooper, Washington, Pa.; B.S. (University of Pittsburgh); *Black Studies*

James Edward Corpus, Fairborn; B.F.A. (Carnegie-Mellon University); *Industrial Design*

David John Cox, Columbus; B.A.; *Sociology*

- Pamela Grace Plummer Cranston, Portland, Ore.; B.S. (Denison University); *Education*
- Walter Thomas Crawford, Prattville, Ala.; B.A. (North Texas State University); *Education*
- Anthony Crutcher, Chattanooga, Tenn.; B.A. (Knoxville College); *Economics*
- Douglas Forsyth Cummings, Berkeley, Calif.; B.A. (University of California at Santa Cruz); *Dance*
- Catherine Dew D'Andrea, Columbus; B.S.Ed.; *Education*
- Michael J. D'Arcy, Jr., Columbus; B.A. (University of Dayton); *Public Administration*
- Alison R. Davies, Cincinnati; B.A. (Indiana University); *Education*
- James Joel Davis, Halifax, Va.; B.A. (Virginia State College); *Romance Languages and Literatures*
- Laura M. Deck, Indianapolis, Ind.; B.A. (Denison University); *English*
- Lynn M. Deitzel, Oak Harbor; B.S.Ed. (Ohio University); *Education*
- Maria Celia DiBenedetto, Providence, R. I.; B.A., M.S.; *Journalism*
- Katherine Fischer Dickey, Gallipolis; B.A. (Capital University); *Education*
- LaVerne Ernest Dillon, Upper Sandusky; B.S.Bus.Adm.; *Education*
- Janet Sue Dobecki, Columbus; B.S. (Ball State University); *Education*
- David Domoracki, Solon; B.A.; *Communication*
- Scott Lewis Donaldson, Ashland; B.S.Ed. (Ashland College); *Education*
- John R. Drop, Chicago, Ill.; B.A. (University of Illinois); *Communication*
- John Lee Dryden, Columbus; B.S.Ed.; *Education*
- James Henry Drzemiecki, Columbus; B.A.; *Economics*
- Cynthia A. Dunhoff, Columbus; B.A.; *Psychology*
- Marsha Beam Dutt, Marion; B.S.Ed. (Miami University); *Education*
- Susan Jo Easter, Columbus; B.M.E.; *Music*
- Julie Mari Eder, Milwaukee, Wis.; B.F.A. (University of Wisconsin); *Dance*
- Jill Ann Estill, Middletown; B.S.Ed.; *Education*
- Janie Marie Fallon, Columbus; B.A.; *Education*
- Bahram Fessehazian, Mt. Vernon; B.A. (Mount Vernon Nazarene College); *Education*
- Constance Snyder Fisher, Loudonville; B.A.; *Art Education*
- Harriett C. Freeman, Galion; B.A. (Ashland College); *Education*
- Donald H. Frischmann, St. Louis, Mo.; B.A. (University of Missouri); *Romance Languages and Literatures*
- Sally Fronk, Columbus; B.S.; *Education*
- Charles F. Fulton, Columbus; B.S.Ed.; *Education*
- Richard A. Gardner, Westerville; B.A. Miami University); M.A. (University of Chicago); *East Asian Languages and Literatures*
- Teni M. Garrett, Louisville, Ky.; B.A. (Oakwood College); *Psychology*
- Soterios Peter Geldis, Columbus; B.S.; *Education*
- Anita Jo Genger, Fredonia, Pa.; B.A. (Thiel College); *History*
- Linda Marie Georgeff, Cleveland; B.A.; *Public Administration*
- Pamela Sue Gerbeth, Akron; B.S.Ed.; *Education*
- Elaine S. Gerhardt, Marion; B.S.Ed.; *Education*
- Nancy Hlene Gerner, Bronx, N. Y.; B.A. (Queens College); *Communication*
- John Joseph Gilkerson, Jr., Columbus; B.S.Ed.; *Education*
- Richard Kevin Goeke, Bellefontaine; A.B. (University of Notre Dame); *Education*
- Dean J. Golembeski, New Milford, Conn.; B.A.Jour. (Washington and Lee University); *Journalism*
- Cheryl C. Griesse, Portland, Ore.; B.S. (Concordia Teachers College); *Physical Education*
- Thomas Grimes, Sandusky; B.A. (University of Toledo); *Classics*
- Norbert W. Grosche, Bremen, West Germany; *Industrial Design*
- Stephen E. Gunn, Columbus; B.S.Ed.; *Physical Education*
- Kathryn A. Haas, Canton; B.A. (Marshall University); *Physical Education*
- James K. Hadlock, North Olmsted; B.A., M.A. (Kent State University); *Philosophy*
- David T. Hall, Columbus; B.A.; *Public Administration*
- Virginia M. Halloran, Cincinnati; B.A., B.S. (University of Cincinnati); *Journalism*
- Janice Denise Hamlet, Reidsville, N. C.; B.A. (Johnson C. Smith University); *Journalism*
- Bettina Louise Hanlon, Springfield; B.A. (Gettysburg College); *English*
- Helen Jean Hatley, Butler, Tenn.; B.A. (Berea College); *Education*
- Judith Ann Heringhaus, Columbus; B.S.; M.A. (University of Michigan); *Education*
- Nancy Hitchcock, Hopkins, Minn.; B.S. (Mankato State College); *Education*
- Elizabeth A. Hoagland, Mt. Vernon; B.S.Ed. (Kent State University); *Education*
- Sharon Kissel Hoch, Columbus; B.S.Mus.Ed. (University of Dayton); *Education*
- Taryl Ann Holbrook, Washington C. H.; B.A., B.S.Ed.; *Education*
- Cornelia Clark House, Hobgood, N. C.; A.B. (Randolph-Macon Woman's College); *Education*
- Carole M. Houze, Cincinnati; B.S.Ed.; *Journalism*
- Yuh-fen Huang, Taiwan, R.O.C.; B.A. (National Taiwan University); *East Asian Languages and Literatures*
- Jody Brown Huneke, Terrace Park; B.S.Ed.; *Physical Education*
- Judith Ann Iannacone, Rochester, N. Y.; B.A. (Denison University); *Romance Languages and Literatures*
- Janet Lee Irons, Flossmoor, Ill.; B.A. (Cornell University); *East Asian Languages and Literatures*
- John E. Irving, Columbus; A.B. (Youngstown State University); M.S.W. (University of Hawaii); *Public Administration*
- Salma Binte Ishak, Kuala Kangsar, Malaysia; B.S. (University of California at Davis); M.S.; *Education*
- Rita Faye Richardson Jackson, Granville; B.A. (Miles College); *Health Education (Physical Education)*
- Henry James, Louisville, Ky.; B.A.; *Black Studies*
- Henry L. Jenkins, Jr., Columbus; B.S.Soc.Wel.; *Public Administration*
- Sandra Swab Jindra, Gahanna; B.S.Ed. (Kent State University); *Education*
- Virginia Jordan, Westerville; B.S. (Mount Union College); *Education*
- David Joseph Kalamas, Charleroi, Pa.; B.A.; *Public Administration*
- Susan Lee Kass, North Bellmore, N. Y.; B.S. (Cornell University); *Education*
- Richard Irvin Kearsley, Blackfoot, Id.; B.A. (Brigham Young University); *Education*
- Glenn Hamilton Kell, Warren; B.A. (Kent State University); *History*
- Claudia Keller, Augsburg, Germany; *German*
- John Dana Kerezy, Cleveland; B.A. (Wabash College); *Journalism*
- Karen Sue Kimmel, Columbus; B.A. (Capital University); *Education*
- David Joel Kindinger, Columbus; B.S.Ed. (Ohio University); *Education*
- Donna M. King, Columbus; B.S.Ed. (Ohio University); *Education*
- Jane M. Kinkley, Coshocton; B.S. (Muskingham College); *Education*
- Patrick C. Kirby, Columbus; *Political Science*
- Dolores Gibson Kleiner, Dayton; B.S.Ed. (University of Dayton); *Education*
- Michael Allen Knaapp, Columbus; B.A. (Wheaton College, Ill.); B.S.; *Education*
- Dale Eugene Knife, West Milton; (Wheaton College, Illinois); B.S.; *Education*
- Kathleen Marie Koval, Columbus; B.S.Ed. (Kent State University); *Education*
- Frank Bernard Krause, IV, Bedford Heights; B.A.; *Public Administration*
- Patricia Ann Kriegisch, Johnsonburg, Pa.; B.S.Ed. (Indiana University of Pennsylvania); *Communication*

- Charles Leroy Krula, Kenneth Square, Pa.; B.A. (Gettysburg College); *Education*
- Ruth E. Kubis, Worthington; A.B. (Marshall University); *Romance Languages and Literatures*
- Janet Louise Kuhn, Hilliard; B.A.; *Public Administration*
- Mark E. Langenfeld, Columbus; B.A. (Miami University); *Physical Education*
- Tien Thank Le, Saigon, Vietnam; B.A. Jur. (Van-Hanh University); *Education*
- Deborah Legorreta, Cincinnati; B.Ed.; *Education*
- Jan Lichtenwalter Lepley, New Orleans, La.; B.S. (Louisiana State University); *Jouralism*
- Jeannette Kay Lewis, Columbus) B.S. (Ohio Wesleyan University); *Education*
- Woodrow Lewis, Jr., Columbus; B.A.; *Public Administration*
- Charlotte Ann Lisle, Canal Winchester; B.S. (Bowling Green State University); *Education*
- Marylin Lisowski, Newton Falls; B.A. (Carlow College); *Education*
- Kay Elaine Lynch, New Carlisle; B.S.; *Physical Education*
- Joan Célie Mac Wood, Columbus; B.S.Ed.; *Education*
- Timothy John Mahoney, Ashtabula; B.S.Bus. Adm.; *Business Administration*
- Susan R. Mallery, Arlington, Va.; B.S.; *Physical Education*
- Loretta Marie Mangiarelli, Campbell; B.A.; *Communication*
- Anita Odell Manley, Ahsokie, N. C.; B.S. (North Carolina A. & T. State University); *Communication*
- Rita Odell Manley, Ahsokie, N. C.; B.S. (North Carolina A. & T. State University); *Communication*
- Nikki Jean Mann, Columbus; B.S.Ed.; *Education*
- Terri Lisa Marcus-Grover, West Hartford, Conn.; B.S. (University of Connecticut); *Psychology*
- Nancy Allietta Marzella, Columbus; B.A. Ed. (Ohio University); *Education*
- Joan Oldford Matchim, Newfoundland, Canada; B.A. (Memorial University of Newfoundland); *Education*
- Cheryl S. McBrearty, Springfield, Pa.; B.S.Ed. (West Chester State College); *Education*
- Patrick D. McBride, Champaign, Ill.; B.S. (University of Illinois); *Photography and Cinema*
- Johanna Elizabeth McCarthy, Rustenberg, South Africa; B.A. (Potchefatroom University); B.Ed. (University of South Africa); *Education*
- Debra Medere McCullough, Toledo; B.Ed. (University of Toledo); *Education*
- William Patrick McDonough, Edgewater Park, N. J.; B.A. (Seton Hall University); *Education*
- George Edward McGuire, Mansfield; B.S.Ed.; *Education*
- Kathleen Keller McNeal, Dayton; B.S.Soc.Wel.; *Public Administration*
- Ricardo Mendez Matta, Pio Piedras, Puerto Rico; B.S. (Universidad de Barcelona); *Photography and Cinema*
- Virginia L. Meyer, Columbus; B.S.Ed.; *Education*
- Susan Gail Miller, New Johnsonville, Tenn.; B.S. (University of Tennessee); *Education*
- Pamela Rae Mitchell, Cheshire; B.A.; *Communication*
- Joaquin F. Monells, Barcelona, Spain; Licenciado (Universidad de Barcelona); *Economics*
- Aulo A. Moreno, Guasdaluto, Venezuela; Indus.Tech. (State Technical University, Chile); *Education*
- Bruce Edward Mousa, New Bremen; B.A. (Asbury College); *Education*
- Edna Grace Neal, Asheville, N. C.; B.A. (University of North Carolina); *Education*
- Trudy Treneff Neel, Columbus; B.S.Ed.; *Art Education*
- Patricia A. Nichols, Columbus; B.S. (Ohio University); *Communication*
- Nancy Bross Nitcher-Liedtke, Columbus, Ga.; B.S. (Florida State University); *Education*
- William G. Nunley, Urbana; B.A.; *Education*
- Deborah E. O'Brien, Akron; B.S.Ed. (Kent State University); *Education*
- Mary Kirchner Omahan, Upper Arlington; B.A. (Manhattanville College); M.S.L.S. (University of North Carolina); *Public Administration*
- Bernadine M. Oney, Westerville; A.B. (Eastern Nazarene College); *Education*
- Carol Sue Baker Owens, Mt. Vernon; B.S.Ed. (Wittenberg University); *Education*
- David E. Owens, Lima; B.S. (St. Joseph's College); *Economics*
- Patricia Kellogg Owens, Columbus; B.S. (University of Delaware); *Physical Education*
- Ann Gregson Parkinson, Lima; B.S.Jour. (Ohio University); *Journalism*
- Benjamin Franklin Parks, San Diego, Calif.; B.A., M.A.; *Public Administration*
- Anne Miller Paschall, Columbus; B.S. (Jackson College); *Public Administration*
- Sue Anne Payne, Cleveland; B.A. (Denison University); *English*
- Helyn Christine Perdue, Columbus; B.S. (Miami University); *Health Education (Physical Education)*
- Marilyn E. Perkins, Columbus; B.S.Ed. (Central State University); *Education*
- Robert C. Perry, Fremont, Neb.; B.A. (Creighton University); *Photography and Cinema*
- Timothy Gene Phillians, Marion; B.S.Ed.; *Education*
- Richard R. Playko, Willard; B.S.Ed. (Ohio University); *Education*
- Stephen G. Pleasnick, Columbus; B.A. Parsons College; B.S.Ed.; *Education*
- Lynne E. Pletts, New York; B.S. (Skidmore College); *Dance*
- Kenneth Dean Prater, Reynoldsburg; B.A. (Morehead State University); *Art Education*
- Joseph Richard Price, Columbus; B.S.Bus. Adm. (Franklin University); M.S.W.; *Public Administration*
- Sheryl L. Chappell Prince, Columbus; B.S.; *Psychology*
- Karen Joy Print, Western Australia; B.S. (Western Australian Institute of Technology); *Education*
- Paula C. Rabidoux, Woonsocket, R. I.; B.A. (University of Rhode Island); *Communication*
- Helen Olexia Ralston, Mingo Junction; B.A. (University of Akron); *Communication*
- Susan Mary Regan, Union City, N. J.; B.A. (Montclair State University); *Physical Education*
- Blanca Estela Reyes, Ponce, Puerto Rico; B.A. (University of Puerto Rico); *Psychology*
- Lila Foster Rice, Chillicothe; B.S.Ed. (Ohio University); *Education*
- Edward Reed Richmond, Cincinnati; B.A. (University of Cincinnati); *Photography and Cinema*
- Ann E. Rieser, Kettering; B.A.; *Education*
- Pamela Ruth Riggle, New Concord; B.S.Ed. (Bowling Green State University); *Education*
- Diane Leigh Rinsma, Upper St. Clair, Pa.; B.S.H.Ec.; *Education*
- Carolyn Stewart Ritter, Pittsburgh, Pa.; B.S. (California State College); *Education*
- James Denton Roberts, Cincinnati; B.S.Soc.Wel.; M.S.W.; *Public Administration*
- Brenda Sue Rogerson, Belmont; B.S. (Ohio University); *Communication*
- William Tod Roop, Worthington; B.S.Ed.; *Education*
- Lorraine Muckley Rowe, Columbus; B.S.Ed. (Ohio University); *Education*
- Linda A. Stern Rubin, Columbus; B.S. (University of Pennsylvania); *Journalism*
- Virginia Gail Rudd, Lakewood; B.A.; *English*
- Jeanne M. Sabo, Lorain; B.S.Ed. (Kent State University); *Education*
- Rotimi Oladipo Salu, Lagos, Nigeria; B.A.; M.A.; *Education*
- Jean E. Sampson, Shaker Heights; B.A. (Case Western Reserve University); *Journalism*
- Louis Newton Saslaw, Columbus; B.G.S. (University of Michigan); *Public Administration*
- George Michael Schacherbauer, Ostrander; B.S.Ed. (Otterbein College); *Education*

- Rachel R. Schaffer, Fredonia, N. Y.;
B.A. (University of Rochester);
Linguistics
- James E. Schilder, Columbus;
B.S.Bus.Adm.; *Public Administration*
- Rita M. Schilling, Dublin; B.A.
(University of South Florida); *Education*
- Sheryl Ruth Sedlacek, Cedar Rapids, Ia.;
B.S. (Iowa State University); *Dance*
- Anne K. Seery, Cedar Rapids, Ia.; B.S.
(Iowa State University); *Psychology*
- David Andre Senko, Johnson City, N. Y.;
B.A.Jour. (University of Hawaii);
Physical Education
- Joseph Balmer Shaver, Columbus;
B.A. (West Liberty State College);
Public Administration
- Sung Sook Shin, New York, N. Y.;
M.A. (Korea University); *Education*
- Nancy J. Shue, Akron; B.S.Ed. (University
of Akron); *Education*
- Joel Allen Slayton, Dayton; B.A.;
Photography and Cinema
- Ricca Coplan Slone, Chicago, Ill.; A.B.
(Washington University); M.A.
(University of California at Los Angeles);
Public Administration
- Cathy Jones Smith, Circleville;
B.A.; *Communication*
- Lance M. Smith, Athens, Ga.; B.A.
(University of Georgia); *Political Science*
- Larry Duane Smith, Marion;
B.Art Ed.; *Art Education*
- Martha G. Smith, Columbus; B.S.Ed.
(University of Cincinnati); *Education*
- Lawrence Robert Snouffer, Worthington;
B.A.; *Romance Languages and Literatures*
- Kenneth John Snow, Columbus;
B.A.; *Photography and Cinema*
- David E. Stark, Cleveland;
B.A. (Oberlin College); *History of Art*
- Larry Steider, Conneautville, Pa.;
B.A. (Goshen College); *Education*
- James Edwin Stoch, Euclid;
B.S.Ed.; *Education*
- Vicki L. Stoor, Mt. Sterling;
B.Mus.Ed.; *Music*
- Patrick Michael Stout, Rock Island, Ill.;
B.A. (Augustana College); *Journalism*
- Melba Karen Stovall, Silver Spring, Md.;
B.S.Ed. (Ohio University); *Journalism*
- Kerry Michael Stroup, Columbus;
B.A. (College of Wooster); M.A.;
Public Administration
- Janet H. Strouss, Youngstown; B.A.
(Ohio Wesleyan University); *Education*
- Gregory Thomas Stump, Lawrence, Kans.;
B.A. (University of Kansas); *Linguistics*
- Lana J. Svec, Jefferson; B.S. (Ashland
College); *Physical Education*
- Alice Ngai-Li Sze, Kowloon, Hong Kong;
B.S. (University of Oklahoma); *Psychology*
- Jane Loren Tarrier, Columbus;
B.S.Jour.; *Journalism*
- Rainer Bernhard Teufel, Wonnweil,
Germany; Certificate (Hochschule fur
Bildende Kunst); *Industrial Design*
- Steven Eugene Thompson, Columbus;
B.A. (University of Notre Dame);
Public Administration
- James Witteman Trapp, Columbus;
B.S.Agr.; *Public Administration*
- George Lawrence Truax, Canton;
B.A. (Wheeling College); *Education*
- Joyce Ann Tudor, Sedalia;
B.S.Ed.; *Education*
- Marilyn Layton Turner, Blacksburg, Va.;
B.S. (Virginia Polytechnic Institute and
State University); *Psychology*
- Steven Ira Ulrich, Flushing, N. Y.;
B.A. (Queens College); *Education*
- Kathleen Gale Vance, Fairborn;
B.A. (West Virginia Wesleyan College);
Music
- William Gary Vanderson, Columbus;
B.S.Ed.; *Physical Education*
- Tara Ann Van Derveer, Niagara Falls,
N. Y.; B.A. (Indiana University);
Physical Education
- Hans Cornelis vanDijk, Utrecht, Holland;
Diploma (Technical School); *Industrial
Design*
- Carol Sue Vincent, Grove City;
B.S.Ed.; *Education*
- Richard L. Wagner, Westerville; B.S.,
M.Ed. (Xavier University); *Public
Administration*
- Kyme Elizabeth Wall, Columbus;
B.A. (Centre College of Kentucky);
Romance Languages and Literatures
- Janice Marie Hellwig Wallace, Boardman;
B.S.Ed. (Ohio University); *Education*
- Deborah Elliott Waltz, Zanesville;
B.S. (Kent State University); *Education*
- Richard Norwood Watson, Petersburg, Va.;
B.S. (Virginia State College); *Education*
- John M. West, Jr., Columbus; B.S.Bus.Adm.
Business Administration
- Marcia A. Whaley, Wyoming, N. Y.;
B.S. (State University of New York
College at Brockport); *Physical Education*
- Pinkie M. Whitfield, Chipley, Fla.;
B.A. (Paine College); *Political Science*
- Barbara Patrice Wickson, Scotch Plains,
N. J.; B.A.; *Communication*
- Keith Franklin Widaman, Dinuba, Calif.;
B.A. (Whittier College); *Psychology*
- Sue Reed Wilcox, Columbus; B.A.
(University of Miami); M.R.E. (Princeton
Theological Seminary); *Education*
- Donald Ferrel Williams, Groveport; B.S.Ed.
(Ohio Northern University); *Education*
- Ellen M. Williams, Wake Forest, N. C.;
B.S. (Shaw University); *Communication*
- Mary V. Williams, Glencoe, Ill.; B.A.
(Mundelein College); *Education*
- William Richard Williams, Wilmington;
B.Mus.Ed.; *Music*
- Barbara Lee Wills, Columbus; B.F.A.
(Rochester Institute of Technology);
Industrial Design
- Karen S. Wilson, Columbus; B.A. (Ohio
Dominican College); *Public Administration*
- Janet L. Wolcutt, Pittsburgh, Pa.; B.A.
(Baldwin-Wallace College); *Economics*
- Mark D. Woodall, Goleta, Calif.;
B.A. (University of California at Santa
Barbara); *Geography*
- Paul Keith Woods, Zelenople, Pa.; B.S.
(Clarion State College); *Education*
- Deborah Nadine Wright, Worthington;
B.S. (Urbana College); *Education*
- David Wyant, Eugene, Ore.; *Economics*
- Charles McClain Yates, Huntington Beach,
Calif.; B.Sc. (Ohio University); *Physical
Education*
- John A. Yutzey, Columbus; B.A. (College
of Wooster); *Education*
- Phyllis Marie Zajack, West Seneca, N. Y.;
B.A. (Otterbein College); *Education*
- Patricia Seltzer Zech, Columbus;
B.A. (Otterbein College); *Journalism*
- Noah Daniel Zecher, Chestnut Hills, Mass.;
B.A. (University of Connecticut);
Education
- Henry A. Zimon, Ambridge, Pa.;
B.S. (United States Military Academy);
Geography

Master of Business Administration

Sixty-five candidates

- Raymond Morse Barnum, Ashtabula; B.A.
(Hiram College); *Business Administration*
- Burton E. Bell, Jr., Charleston, W. Va.;
B.S.Bus.Adm. (Fairmont State College);
Business Administration
- Dominga Putian Bell, Columbus;
B.S.Bus.Adm. (Fairmont State College);
Business Administration
- William A. Bohmer, Delaware;
B.S.Bus.Adm.; *Business Administration*
- Mark William Brinker, Ashville;
B.S.; *Business Administration*
- Ronald L. Caffo, Circleville; B.Ch.E.
B.Ch.E. (University of Dayton); *Business
Administration*
- Thomas Frederick Carroll, Jr., Columbus;
B.S. (Mount Union College); *Business
Administration*
- Daniel Kerry Casey, Boca Raton, Fla.;
B.B.A. (University of Notre Dame);
Business Administration
- Satya Pal Singh Chauhan, Kanpur, India;
B.Tech. (Indiana Institute of Technology);
Ph.D. (Case Western Reserve University);
Business Administration
- David Robert Cinadr, Brecksville;
B.S.Bus.Adm.; *Business Administration*
- Charles Nicholas Costakos, Columbus;
B.A.; M.S.; *Business Administration*
- Leonard J. Dibble, Warren;
B.S.Bus.Adm.; *Business Administration*
- Luis T. Duran, Columbus;
Business Administration
- Mark Alan Fishman, Cleveland;
B.A. (University of Rochester);
Business Administration
- Stanley N. Fronzaglia, Columbus; B.A.
(Gannon College); M.S.; *Business
Administration*

Dennis E. Giroux, Woburn, Mass.; B.S.Bus.Adm. (Boston University); *Business Administration*

William Roland Groom, Sandusky; B.S.Bus.Adm.; *Business Administration*

Jon O. Gwin, Wooster; B.A. (College of Wooster); *Business Administration*

John Exelby Hader, Xenia; B.A. (Brown University); *Business Administration*

David John Harnicher, Worthington; B.S.; *Business Administration*

Jeffrey P. Jacobs, Cleveland; B.S.Bus.Adm. (University of Kentucky); *Business Administration*

Gregory Alexander Jamieson, Worthington; B.A. (Ohio Dominican College); *Business Administration*

Richard Harold Jandorek, Stamford, Conn.; B.A. (Ohio Wesleyan University); *Business Administration*

Ajitkumar C. Kadakia, Westerville; M.S.; *Business Administration*

Jerome Swenye Kao, Taipei, Taiwan, R.O.C.; B.B.A. (National Chengchi University); *Business Administration*

Thomas P. Kelly, Columbus; B.B.A. (University of Notre Dame); *Business Administration*

William Peter Kleven, Columbus; B.S.Bus.Adm.; *Business Administration*

Sui-Cheung Lau, Kowloon, Hong Kong; B.B.A. (University of Iowa); *Business Administration*

Robert Stanton Long, Columbus; B.S.Bus.Adm. (Miami University); *Business Administration*

Gary Lee Mayer, Crestline; B.S. (University of Notre Dame); M.S. (Cleveland State University); *Business Administration*

Cheryl Stewart McCann, Columbus; B.S. (Miami University); *Business Administration*

Muriel Mitchell, Columbus; B.A. (Wittenberg University); M.S.; *Business Administration*

John Paul Nalezienski, Haverhill, Mass.; B.A. (Salem State College); M.S.; *Business Administration*

Michael J. O'Connor, Worthington; B.S.Bus.Adm.; *Business Administration*

Laura Lynn Palmer, Columbus; B.A. (Union College); *Business Administration*

Augustine Thomas Piner, Jr., Morehead City, N. C.; B.S.Bus.Adm.; *Business Administration*

Gary M. Reetenwald, Toledo; B.S., M.S.; *Business Administration*

Nancy L. Reynolds, Portsmouth; B.A. (Wittenberg University); *Business Administration*

Patrick Wilson Saint, Columbus; B.A. (Muskingum College); *Business Administration*

John Robert Sanders, Dublin; B.S. (University of Maryland); *Business Administration*

Donald Hoyt Savery, Falmouth, Mass.; B.S.Bus.Adm. (Thiel College); *Business Administration*

William Joseph Schedel, Cincinnati; B.A.; *Business Administration*

Steven T. Schira, Columbus; B.S.; *Business Administration*

Richard D. Schrock, Columbus; B.S.; *Business Administration*

Dara Alexander Shahgholi, Tehran, Iran; B.A. (Oberlin College); *Business Administration*

Ned A. Skipper, Columbus; B.S. (University of Cincinnati); *Business Administration*

Stephen Mark Stanley, Columbus; B.S. (Miami University); *Business Administration*

James Bernard Stucker, Columbus; B.A. (Denison University); *Business Administration*

Paul Robert Swenson, Akron; B.S.; *Business Administration*

Daniel M. Szente, Columbus; B.S.; *Business Administration*

Noboru Takagi, Urawa, Japan; B.A. (Keio University); *Business Administration*

Michael L. Tate, Columbus; B.A. (Williams College); *Business Administration*

Richard George Vance, Broomall, Pa.; *Business Administration*

James Bryant Waddell, Columbus; B.S. (United States Naval Academy); *Business Administration*

Hugh Emanuel Walker, Columbus; B.S. (St. John's University); *Business Administration*

Timothy R. Walters, Akron; B.S. (Carson-Newman College); M.S.; *Business Administration*

Takao Watanabe, Toyohashi, Japan; B.A. (Hitotsubashi University); *Business Administration*

Thomas Edward Wessel, Columbus; B.S.Bus.Adm.; *Business Administration*

Thomas Phillip Wieske, Westerville; B.S.E.E. (Florida Institute of Technology); *Business Administration*

John Calvin Wise, Jr., Steubenville; B.S. (Miami University); *Business Administration*

Pamela S. Rinearson Withey, Fairborn; B.S. (Purdue University); *Business Administration*

Raymond Siu Lun Wong, Hong Kong; B.B.A. (University of Wisconsin); *Business Administration*

Robert Peter Woodard, Upper Arlington; A.B. (Georgetown University); *Business Administration*

Kevin Edward Worriow, Lima; B.S.Bus.Adm.; *Business Administration*

Christina Jane Yeack, Toledo; B.B.A. (University of Toledo); B.A. (College of William and Mary); *Business Administration*

Master of City and Regional Planning

Twenty-three candidates

Gregory K. Aldrich, Perry, N. Y.; B.A. (State University of New York at Buffalo); *City and Regional Planning*

Mark Kevin Bechtel, Hammond, Ind.; B.S. (Manchester College); *City and Regional Planning*

Melanie C. Bishop, Oak Forest, Ill.; B.A. (Northern Illinois University); *City and Regional Planning*

Cynthia A. Buchanan, Hudson; B.A. (Ohio University); *City and Regional Planning*

David Curtis Carpenter, Westerly, R. I.; B.A. (Franklin and Marshall College); *City and Regional Planning*

Robert Joseph Cheshure, Charleroi, Pa.; B.S.Land.Arch. (Pennsylvania State University); *City and Regional Planning*

Tomihide Chishina, Wakayama, Japan; B.E. (Shibaura Institute of Technology); *City and Regional Planning*

Alan Clifford Clark, Knoxville, Tenn.; B.S.Bus.Adm. (University of Tennessee); *City and Regional Planning*

David Lee Dennis, New Knoxville; B.A. (Miami University); *City and Regional Planning*

Gregory Arthur Griffith, Dallas, Tex.; B.S. (Miami University); *City and Regional Planning*

Philip Ross Hopkins, Columbus; B.S. (University of Michigan); *City and Regional Planning*

Harold Chike Mba, Ogidi, Anambra, Nigeria; B.S. (University of Nigeria); *City and Regional Planning*

George Nwaefido Mekwunye, Ubulu-Okiti, Nigeria; B.S. (University of Ibadan); *City and Regional Planning*

Lawrence M. Novicky, Youngstown; B.A. (Youngstown State University); M.A.; *City and Regional Planning*

Edward A. Owens, Newark; B.S.Arch.; *City and Regional Planning*

Joseph Andrew Pobiner, Princeton, N. J.; B.A.; *City and Regional Planning*

Phillip Barry Prescott, Providence, R. I.; B.A. (Boston University); *City and Regional Planning*

Knight Lewis Seavey, Lynnfield, Mass.; B.A.Arch. (University of New Mexico); *City and Regional Planning*

Bruce Joseph Siciliano, Pittsburgh, Pa.; B.A. (Old Dominican University); *City and Regional Planning*

Francis J. Tokarsky, Jr., Dayton; B.S. (Wright State University); M.A.; *City and Regional Planning*

John M. Tomasik, Cleveland; B.A. (Case Western Reserve University); *City and Regional Planning*

James H. Walker, Jr., Columbus; B.S.Bus.Adm. (Tennessee State University); *City and Regional Planning*

Barbara Gesell Walters, Grundy Center, Ia.; B.A. (Boston University); M.A.; *City and Regional Planning*

Master of Fine Arts

Four candidates

Michael Butler Jones, Yellow Springs; B.F.A.; *Art*

Benjamin Knepper, Columbus; B.F.A.; *Art*

James Burton Siegel, Covington;
B.F.A.; *Art*

Janel Louise Wicht, Gibbon, Neb.;
B.S. (University of Nebraska); *Art*

Master of Labor and Human Resources

One candidate

Robert A. Owens, Columbus;
B.S.Ed.; *Labor and Human Resources*

Master of Music

Eleven candidates

Robert Michael Birch, Concord, N. H.;
B.M. (University of New Hampshire);
Music

Rick Michael Brunetto, Piqua;
B.M. (University of Cincinnati); *Music*

Loral Alberta Cook, Fair Haven, N. Y.;
B.M. (Ithaca College); *Music*

Mark Steven Cornelius, Marion;
B.M. (University of Cincinnati); *Music*

Nelson Owen Harper, Columbus;
B.M.; *Music*

Darren Wayne Holbrook, Boca Raton, Fla.;
B.F.A. (Florida Atlantic University);
Music

Patricia Anne Palmer, Defiance;
B.M.E.; *Music*

Daryl L. Phillips, Concord, Calif.;
B.M. (Shenandoah Conservatory of Music);
Music

Jeffrey Jay Rideout, Evansville, Ind.;
B.S.Mus.Ed. (Ball State University);
Music

Mark Wasmund Sopp, Columbus;
B.M.; *Music*

Mary-Jane Stewart, Westerville;
B.M.E. (Otterbein College); *Music*

Master of Public Administration

Nineteen candidates

Brett Lawrence Baby, Columbus;
B.A.; B.S.Ed.; *Public Administration*

Therese Marie Bechtos, Erie, Pa.;
B.A. (Mercyhurst College); *Public Administration*

Daniel James Beck, Cincinnati;
B.A. (University of Cincinnati); M.A.;
Public Administration

Robert Edward Behlen, III, Rocky River;
B.A. (Marietta College); *Public Administration*

James Allen Bowman, Reynoldsburg;
B.S.; *Public Administration*

Joseph Frank Cade, Columbus;
B.S. (Gonzaga University); *Public Administration*

Gerald L. Fischer, Columbus;
B.A.; *Public Administration*

Larry Hall Gilliland, Holgate;
B.S.Ed. (Defiance College); *Public Administration*

Leanna Holmer, Dayton;
B.A.; *Public Administration*

Albert George Hovanec, West Mifflin, Pa.;
B.S. (Indiana University of Pennsylvania);
Public Administration

Mark Edward Nagel, Wilmington Dela.;
B.A.A.S. (University of Delaware);
Public Administration

Michael Keene O'Connell, Kettering;
B.A. (Miami University); *Public Administration*

Karen A. Petitto, Clarksburg, W. Va.;
B.A.; *Public Administration*

Cheryl Ann Roller-Clark, Wooster;
B.S. (Mount Union College); *Public Administration*

Anthony F. Salvatore, Akron;
B.A.; *Public Administration*

Richard Allen Shein, New York, N. Y.;
B.S.Nat.Res.; *Public Administration*

Daniel David Skrzypek, Benwood, W. Va.;
B.S.B.A. (West Virginia University);
Public Administration

Danny J. Terrible, Grove City;
B.A.; *Public Administration*

James J. Yatsko, Youngstown;
B.A.; *Public Administration*

Master of Science

Two hundred and seventeen

Susan Kathleen Abbott, Columbus;
B.S.; *Home Economics*

Ramdzani Bin Abdullah, Seremban, Malaysia; B.S. (University of California at Davis); *Natural Resources*

Lillian Abrego, San Antonio, Tex.;
B.A. (Our Lady of the Lake College);
Metallurgical Engineering

Russel Raymond Allinson, Columbus;
B.S.Pharm. (University of Pittsburgh);
Pharmacy

Elaine Alton Alton, Columbus;
B.A. (Bluffton College); *Home Economics*

Mark Lauren Andersen, Medina;
B.S., M.S. (University of Missouri);
Allied Medical Professions

Ronnie L. Anderson, Amsterdam;
B.A. (Kent State University); D.D.S.;
Dentistry

William James Andrews, Cleveland;
B.S. (John Carroll University);
Allied Medical Professions

Robert Michael Andryscio, Parma;
B.S. (Ashland College); *Veterinary Physiology and Pharmacology*

Karen Lee Barnes, South Euclid;
B.S. (Denison University);
Home Economics

James George Barrera, Mountaintop, Pa.;
B.E. (Stevens Institute of Technology);
Civil Engineering

Ann Elizabeth Moore Bartolacci, Pine City, N. Y.; B.S.N. (University of Virginia); *Nursing*

Robert J. Bartolotta, Chesterland;
B.A. (Case Western Reserve University);
Botany

Richard Marion Basel, Bradner;
B.S., M.S. (Bowling Green State University); *Horticulture*

Brian John Battersby, Bethesda, Md.;
B.S.; *Zoology*

Phillip Julian Beckwith, Columbus;
B.A. (Miami University); D.D.S.;
Dentistry

Mary Dane Bell, Columbus;
B.S.; *Preventive Medicine*

J. Paul Benson, Jr., Bethesda, Md.;
B.S., E.E. (North Carolina State University); *Electrical Engineering*

Walter D. Betsch, Jr., Bexley;
B.S.; *Entomology*

Brian Robert Bimonte, Miami, Fla;
B.S. (University of Dayton); M.S.;
Computer and Information Science

Lesley H. Binkley, Jr., Columbus;
B.S., D.D.S. (University of Tennessee);
Dentistry

Arthur Bocian, Brooklyn, N. Y.; B.A. (New York University); *Mathematics*

Charles E. Bohman, Minster;
O.D.; *Physiological Optics*

Choaich Bousha, Jijel, Algeria;
B.S. (University of Montreal);
Electrical Engineering

Lawrence R. Bramlage, Columbus;
D.V.M. (Kansas State University);
Veterinary Clinical Sciences

John Michael Brennan, Columbus;
B.S.Ed.; *Natural Resources*

Thomas M. Brewer, Fairview Park;
B.S., M.S.; *Computer and Information Science*

Jeffrey Ian Brown, Mayfield Heights;
B.S. (University of Miami); *Physiology*

Marsha Jo Anne Brown, Cincinnati;
B.S. (Miami University); *Plant Pathology*

Elizabeth Gail Bryant, Waynesville;
B.S.Nat.Res.; *Agricultural Economics and Rural Sociology*

Ronald Evans Cade, Akron;
B.A., D.M.D. (University of Pittsburgh);
Dentistry

Victor Gene Campbell, Galion;
B.S.Nurs.; *Nursing*

Donald Michael Centofante, Campbell;
B.S.Ed. (Northwestern University);
D.D.S.; *Dentistry*

David Michael Champion, Pittsburgh, Pa.;
B.S. (Rensselaer Polytechnic Institute);
Computer and Information Science

Shu-Jen Chan, Taiwan, R.O.C.;
B.S. (National Taiwan University);
Agricultural Economics and Rural Sociology

Wailing Leslie Chan, Hong Kong;
B.S. (West Liberty State College);
Chemistry

Ruth Ann Chavez, Dayton;
B.S.Nurs.; *Nursing*

Benjamin Ta-Pen Chen, Taiwan, R.O.C.;
B.S.E. (Feng Chin College of Engineering); *Welding Engineering*

James Ja-Mai Chen Taiwan, R.O.C.
B. Engr. (Chung-Yuan Christian College of Science and Engineering); *Industrial and Systems Engineering*

- Ming-Sheh Chen, Taiwan, R.O.C.;
B.Dent. (Taipei Medical College);
Dentistry
- Nelson Ching Yeung Chow, Hong Kong;
B.S. (University of Georgia); *Chemistry*
- David Paul Cianelli, Columbus;
B.S.Met.E.; *Metallurgical Engineering*
- Allen Keith Clark, Cutler;
B.S.Agr.; *Agricultural Education*
- Dimitri José Cordero, Panama City,
Panama; B.S. (Rose Hulman Institute
of Technology); *Mechanical Engineering*
- Patrick J. Costello, Davenport, Ia.;
B.S. (Harvey Mudd College); *Mathematics*
- Robert Michael Crassweller, Columbus;
B.S. (Miami University); *Horticulture*
- Kenneth Haldane Cunin, Columbus;
B.S. (Mount Union College); D.D.S.;
Dentistry
- Brian Lindley Davis, Louisville, Ky.;
B.S.E.E. (Purdue University);
Electrical Engineering
- Robert Scott Dawson, Painesville;
B.S.; *Geology and Mineralogy*
- Naresh K. Dhiman, Panjab, India;
B.A., M.A. (Panjab University);
Mathematics
- Joseph Robert Dobson, Columbus;
B.A.; *Physiology*
- David Lee Dresel, Miamisburg; B.E.E.
(University of Dayton); *Electrical
Engineering*
- Mark Steven Dreyfuss, Columbus;
B.S.; *Poultry Science*
- Nathan Harry Drum, Drums, Pa.;
B.S. (Pennsylvania State University);
Entomology
- Subbarao Duvvuri, Eluru, India;
M.Sc. (Indian Institute of Technology);
*Agricultural Economics and Rural
Sociology*
- Nancy Catherine Dziuba, Birmingham,
Mich.; B.A. (Albion College); *Allied
Medical Professions*
- Roy S. Edelstein, New York, N. Y.;
A.B. (Cornell University); M.A.;
Computer and Information Science
- Russell J. Ernst, Pittsburgh, Pa.;
B.B.A. (University of Notre Dame);
Allied Medical Professions
- Steven Errede, St. Paul, Minn.;
B.S. (University of Minnesota); *Physics*
- Diana Marie Essock, New York, N. Y.;
B.S. (Case Western Reserve University);
Metallurgical Engineering
- Wanda B. Fako, Westlake; B.S.N. (Kent
State University); *Nursing*
- Reynaud Farve, New Orleans, La.;
B.S. (Xavier University); *Zoology*
- Douglas Whitney Fellows, Storrs, Conn.;
B.S. (University of Connecticut); *Anatomy*
- Nicholas Ferencz, Cleveland; B.S.Pharm.,
B.A. (Cleveland State University);
M.S.L.S. (Case Western Reserve
University); *Pharmacy*
- Jennifer Lewis Finelli, Columbus;
B.S.; *Home Economics*
- Gene Dennis Flinn, Kenton; B.S.E.E. (Ohio
University); *Electrical Engineering*
- Joanne Flynn Frantz, Columbus;
B.A. (Connecticut College); *Home
Economics*
- Carol A. Friedhoff, Phillipsburg, N. J.;
B.A. (Saint Francis College); *Industrial
and Systems Engineering*
- Rebecca Garbett, Columbus;
B.S.; *Allied Medical Professions*
- John Joseph Gavin, Bronx, N. Y.;
B.A. (City College of New York);
Computer and Information Science
- Karl B. Gills, Roanoke, Va.; B.S.
(University of Denver); *Allied Medical
Professions*
- Elaine C. Glass, Springfield;
B.S.Nurs.; *Nursing*
- Kent Russell Glaus, Mogadore; B.S. (Kent
State University); *Genetics*
- Jack H. Goldman, New York, N. Y.;
B.S. (State University of New York);
Environmental Biology
- Gary David Grothaus, Dayton;
B.S.; *Microbiology*
- Thomas Johnson Hall, Columbus;
B.S. (State University of New York College
of Forestry at Syracuse); *Plant Pathology*
- Benjamin J. Harman, Brookville;
B.S.Nat.Res.; *Natural Resources*
- Ronald Chester Hartwig, North Olmsted;
B.S. (University of Akron); *Natural
Resources*
- Michael D. Hayes, Waterford;
B.S.W.E.; *Welding Engineering*
- Thomas David Haywood, Berkeley Springs,
W. Va.; B.S. (Davis and Elkins College);
M.S.; *Computer and Information Science*
- David Mark Heller, Beachwood;
B.S. (Tulane University); *Zoology*
- Tye Jan Henschen, Bowling Green;
D.V.M.; *Veterinary Clinical Sciences*
- Virginia Lee Herr, Fort Washington, Md.;
B.S. (Towson State University);
Computer and Information Science
- Kelvin T. Higa, Kailua, Hawaii;
B.S. (University of Southern California);
Chemistry
- Yahya Hodjat, Iran; Licentiate (Arya-
mehr University of Technology);
Metallurgical Engineering
- Robert Earl Hollis, Springfield, Ill.;
B.S.C.E. (Prairie View A & M College,
Texas); *Civil Engineering*
- Sally Kepton Hood, Roanoke, Va.;
B.S. (Oklahoma State University);
Natural Resources
- Stephen M. Hoover, Worthington;
B.B.A. (Kent State University);
Allied Medical Professions
- Joan Hergesheimer Horn, Yellow Springs;
B.A. (Antioch College); *Natural Resources*
- John Edward Horner, Dayton;
B.S.M.E. (University of Akron);
Mechanical Engineering
- Alan E. Horowitz, Malverne, N. Y.; B.A.;
D.M.D. (University of Pennsylvania);
Dentistry
- Henrietta Howard, Columbus;
B.S. (Winston-Salem State University);
Computer and Information Science
- Liang Choo Hsia, Hong Kong;
M.S. (Ohio University); *Physics*
- Ralph E. Hubner, Jr., Columbus;
B.S.; *Zoology*
- Timothy Carl Ish, Columbus;
B.S.Arch.; *Civil Engineering*
- Karen S. Jackson, Columbus;
B.A. (Ohio Wesleyan University);
Allied Medical Professions
- Kevin Eugene Jewell, Wooster; B.S.
(University of Akron); *Natural Resources*
- Joseph F. Jordan, Portsmouth, Va.;
B.A. (Norfolk State College); M.A.;
Preventive Medicine
- Ilana Nancy Kaplan, Gary, Ind.; B.A.
(Indiana University); *Home Economics*
- William Clark Keller, Dodge City, Kans.;
B.A. (University of Kansas); D.V.M.
(Kansas State University); *Veterinary
Physiology and Pharmacology*
- Billie Lou Phelps Khan, Columbus;
B.S.; *Allied Medical Professions*
- Steven Mark Kiger, Bowling Green;
B.S.I.S.E., B.S.E.E.; *Industrial and
Systems Engineering*
- Shirley A. Kendrick, Columbus;
B.S.H.E.; *Home Economics*
- James Dennis Kiper, Columbus; B.A.
(Olivet Nazarene College); *Mathematics*
- Kenneth Paul Kirchner, Bantam, Conn.;
B.A. (Alfred University); *Mathematics*
- Peter Stephen Kojoian, Andover, Mass.;
B.S. (University of New Hampshire);
Horticulture
- Susan Jane Kopka, Detroit, Mich.;
B.S.Nat.Res.; *Natural Resources*
- Mark Alan Kramer, Shaker Heights;
B.S. (Case Western Reserve University);
Preventive Medicine
- Thomas Allan Krinov, Canal Fulton;
Natural Resources
- William Randy Kubetin, Euclid;
B.S. (Kent State University); *Botany*
- Sally J. Lambertson, Gouverneur, N. Y.;
B.S. (University of Maryland);
Home Economics
- Nand K. Lambha, Athens; B.S., M.S.
(Kurukshetra University); B.S. (Ohio
University); *Mechanical Engineering*
- Jane M. Lamp, Columbus;
B.S.N.; *Nursing*
- Margaret A. Larkin, Columbus;
B.S.Nurs. (Capital University);
Allied Medical Professions
- David Bruce Lawful, Alexandria, Va.;
B.A. (University of California at
Santa Barbara); *Mathematics*
- Daniel J. Lebish, Green Bay, Wis.;
B.A. Bus. Adm. (Saint Norbert College);
Allied Medical Professions
- Edward G. Lewis, Dayton;
B.S. (Wilmington College); *Agricultural
Economics and Rural Sociology*
- Therthenia Williams Lewis, Dayton;
B.S. (University of Dayton); *Home
Economics*

¹ Also Bachelor of Science in Natural Resources,
College of Agriculture and Home Economics

- Jui Jer Lin, Taipei, Taiwan, R.O.C.;
B.S.Agr. (National Taiwan University);
Statistics
- Wai-Chi Liu, Hong Kong; B.S.; (University
of Wisconsin); *Chemistry*
- Glenna Kay Long, Laramie, Wyo.;
B.S. (University of Wyoming);
Mathematics
- Debra F. Longworth, Monroe; B.S. (Miami
University); *Plant Pathology*
- Susan Jane Mase, Columbus;
B.S.; *Allied Medical Professions*
- Wendy Howell McCullen, Gates Mills;
B.S.; *Zoology*
- Mark Allan McDonnell, Columbus;
B.S.; *Preventive Medicine*
- Nathan Wayne McNeal, West Lafayette;
B.S.Agr.; *Agricultural Education*
- Eugene Francis Meany, Metuchen, N. J.;
B.S.Bus.Adm. (Susquehanna University);
Allied Medical Professions
- *Anita Maria Migday, Kettering;
Dairy Science
- Deborah Ann Miks, Cuyahoga Falls;
B.S.Nurs.; *Nursing*
- Mark Allen Miller, Massillon;
B.A. (College of Wooster); *Chemistry*
- Stephen Sherman Miller, Columbus;
B.S.; *Mathematics*
- Dona Morrison Mills, Westerville;
B.S. (Western Kentucky University);
Home Economics
- Jay Matthew Mirtallo, Stamford, N. Y.;
B.Sc. (University of Toledo); *Pharmacy*
- David Ross Monfort, Columbus;
B.S. (University of Notre Dame);
D.D.S.; *Dentistry*
- Kenneth Aubrey Moore, Trenton, N. C.;
B.S. (North Carolina Central University);
Mathematics
- James Frederick More, Cincinnati;
B.S.; M.Ed. (University of Cincinnati);
Electrical Engineering
- Kathy M. Morland, Grove City;
B.S.; *Natural Resources*
- Bobby Lorenzo Morris, Norfolk, Va.;
B.S. (Norfolk State College); *Computer
and Information Science*
- *Mark Joseph Newman, Seville;
Dairy Science
- David Andrew Nikula, Reynoldsburg;
B.S. (Oregon State University)
B.S. (Lewis and Clark College); *Pharmacy*
- Kenneth Ray Nixon, North Canton;
B.S.; *Geology and Mineralogy*
- Stephen Paul Oliver, Cortland, N. Y.;
B.S. (North Carolina State University);
Dairy Science
- *Daniel J. O'Meara, Deerfield, Ill.;
Natural Resources
- Edward John O'Neill, Rochester, Minn.;
B.S. (University of Minnesota);
Mathematics
- George Michael Pantalos, Columbus;
B.S.A.A.E.; *Bio-Medical Engineering*
- Michael Alan Peplowski, Rensselaer, N. Y.;
B.S. (Cornell University); *Animal Science*
- Lawrence John Pesko, Columbus;
B.S.Pharm. (Ohio Northern University);
Pharmacy
- Michael Leonard Petry, Lawton, Okla.;
B.S.Pharm. (Southwestern Oklahoma State
University); *Pharmacy*
- Harold Lee Pickens, St. Clairsville;
B.S.; *Microbiology*
- Michael Everett Placke, Columbus;
B.S.; *Animal Science*
- McClellan Platt-Rayfield, Bloomington,
Ind.; B.A. (Indiana University);
Computer and Information Science
- William J. Polinski, Columbus;
Physiology
- Richard T. Pruiksma, Columbus;
B.S. (Iowa State University); *Chemistry*
- James J. Quattrochi, Abington, Pa.;
B.S. (Syracuse University); *Pathology*
- Thomas James Rea, Columbus;
B.S.; *Microbiology*
- William Charles Reiss, Columbus;
B.S.; *Agricultural Education*
- *Denise Ann Remy, Portsmouth;
B.S.; *Physiological Optics*
- Kenneth Robert Rider, Marion;
B.S.Agr.; *Agricultural Education*
- Young-Key Ro, Korea; B.S. (Chung-Ang
University); *Agricultural Economics and
Rural Sociology*
- Shelley Ann Robinson, Beachwood;
B.A.; *Home Economics*
- Karen M. Rosenberry, Columbus;
B.S.Nurs.; *Veterinary Physiology and
Pharmacology*
- Ross H. Russell, Fayette City, Pa.;
B.S. (Westminster College); *Mathematics*
- Kamal Nabil Ali Safwat, Cairo, Egypt;
B.S. (Cairo University); *Civil Engineering*
- Hossein Sanadgol, Columbus;
B.S., M.S. (Ball State University);
Physiology
- Charles Edward Sanders, II, Kinston, N. C.;
D.D.S. (Howard University); *Dentistry*
- George Earl Sandusky, Jr., Thornville;
B.S. (Ohio University); D.V.M.;
Veterinary Pathobiology
- David A. Savitz, Columbus;
Preventive Medicine
- Mark Phillip Schad, Norwood;
B.S.; *Animal Science*
- Marcia Milhan Schroeder, Covington, La.;
B.S.Nurs.; *Nursing*
- Paul L. Schwimmer, Tel-Aviv, Israel;
B.S. (University of Cincinnati);
Electrical Engineering
- Veda Marie Cafazzo-Sciulli, Pittsburgh,
Pa.; B.A. (University of Pittsburgh);
Zoology
- Dale Harold Scott, Seattle, Wash.;
B.S. (Washington State University);
Pharmacy
- Jerry Lindy Scott, Columbus;
B.G.S. (University of Nebraska);
Allied Medical Professions
- Dwight Herbert Soman, Greenview;
B.S.; *Agricultural Education*
- Zulkifli B. Senter, Perak, Malaysia;
B.S. (Louisiana State University);
*Agricultural Economics and Rural
Sociology*
- Susan Andrianson Skambis, North Ft.
Myers, Fla.; B.S. (Florida State College);
Genetics
- Thomas George Slama, Gary, Ind.;
B.A., M.D. (Indiana University);
Medical Microbiology
- Duane M. Smith, Canton;
B.S.; *Horticulture*
- Grant M. Smith, Chillington, Pa.;
B.S. (United States Military Academy);
Industrial and Systems Engineering
- Robin Dorothy Smith, Uncasville, Conn.;
B.S. (Trinity College); *Physiology*
- Susan Kay Smith, Marietta;
B.S. (Marietta College); *Chemistry*
- Frederic L. Snyder, West Liberty;
B.S.; *Natural Resources*
- Scott Douglas Somers, Euclid;
B.S.; *Microbiology*
- Stevan Jay Sprague, Vincent;
B.S.; *Agricultural Education*
- James Brooks Staton, III, Greensboro,
N. C.; A.B. (Gulford College); M.A.
(University of North Carolina); *Computer
and Information Science*
- *Sherry Lee Stauffer, Ashland;
*Agricultural Economics and Rural
Sociology*
- Carl Wayne Steele, Lisbon;
B.S.; *Anatomy*
- Lawrence H. Stember, Jr., Columbus;
B.S. (University of Notre Dame);
Industrial and Systems Engineering
- Joel Swanson, Hopewell, N. J.;
B.S. (Rutgers University); *Botany*
- Jeanne Hoffmaster Tomlinson, Columbus;
B.A. (Blackburn College); *Computer and
Information Science*
- Rebecca Lou Trende, Columbia Station;
B.S.; *Dairy Science*
- Larry Eugene Tucker, Columbus;
B.S.Occ.The. (University of Kansas);
Allied Medical Professions
- Michael L. Unger, Chicago, Ill.;
B.S. (University of Illinois); *Chemistry*
- Steven Elmer Vance, Mt. Sterling;
B.S.; *Agricultural Education*
- John Albert Veverka, Mansfield;
B.S.; *Natural Resources*
- Kathleen A. Vogel, Columbus;
B.S.; *Allied Medical Professions*
- Margaret Russel Wagner, Columbus;
B.S. (Bowling Green State University);
Home Economics
- Barbara Mary Wallner, Westlake;
B.S. (Ashland College); *Veterinary
Physiology and Pharmacology*
- Shih-Tung Justin Wang, Taipei, Taiwan,
R.O.C.; B.S. (National Tsing-Hua
University); *Physics*

* Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics
* Also Bachelor of Science in Natural Resources,
College of Agriculture and Home Economics
* Also Doctor of Optometry, College of Optometry

Leslie A. Wanner, Berea; B.S. (Miami University); *Botany*

Jane C. Warner, Worthington; B.S.Nat.Res.; *Horticulture*

Virginia Lee Watters, Massillon; B.S. (Guilford College); *Agronomy*

Steven Jay West, Cleveland; B.A. (Miami University); *Allied Medical Professions*

Ronald H. Whitaker, Mundelein, Ill.; B.S. (Boston College); *Allied Medical Professions*

Don R. Wilkins, Shreveport, La.; D.D.S. (Louisiana State University); *Dentistry*

¹Gary W. Wilson, Jenera; *Agricultural Education*

John McMillen Wilson, Jr., Dayton; B.S. (University of Minnesota); *Aeronautical and Astronautical Engineering*

Thomas E. Winkler, Hudson; B.A. (Hiram College); *Chemical Engineering*

Soottipong Winyooprast, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Geodetic Science*

Robert Alan Wissinger, Worthington; B.S.Pharm. (University of Cincinnati); *Allied Medical Professions*

Christopher Dean Wollam, Rosyn, Wash.; B.S. (Eastern Washington State College); *Nuclear Engineering*

Suzie Kay S. Wrigley, Canton; B.S.Soc.Wel.; *Home Economics*

Mei-Yu Wu, Hsinshu, Taiwan, R.O.C.; B.S. (National Taiwan University); *Agricultural Economics and Rural Sociology*

Chong Bum Yi, New York, N. Y.; B.S. (In-Ha University); *Engineering Mechanics*

Ralph Hendricks Young, Kingsport, Tenn.; B.S.E.E. (University of Tennessee); *Electrical Engineering*

Gerald Yet Tong Yung, Honolulu, Hawaii; *Electrical Engineering*

Virginia Zrebiec, South Amboy, N. J.; B.S. (Rutgers University); *Horticulture*

Master of Social Work

One hundred and two candidates

Ellen Kubay Adkins, Fairborn; B.A. (Wright State University); *Social Work*

Jane Carolyn Allen, Danville, Va.; B.A. (Wake Forest University); *Social Work*

Marie Mae LaMark Allison, New York, N. Y.; B.S. (University of Cincinnati); *Social Work*

Joy Elaine Atchison, Greensboro, N. C.; B.A. (Mount Union College); *Social Work*

Marie LaVelle Beck Baird, Cincinnati; B.S. (North Texas State University); *Social Work*

Gerald L. Bale, Sunbury; B.A. (Marion College); *Social Work*

Carol Scarborough Baskin, Houston, Tex.; B.S. (Texas Tech University); M.S. (Texas A & M University); *Social Work*

Richard Reichenbach Beck, Columbus; B.A. (Bluffton College); *Social Work*

Nan Giblin Beeler, Birmingham, Mich.; B.A. (Michigan State University); *Social Work*

Stuart M. Berry, New York City, N. Y.; B.A.; *Social Work*

Julie Beth Burger, Yongers, N. Y.; B.A. (Herbert H. Lehman College); *Social Work*

Richard L. Calvin, Chillicothe; B.A. (Ohio University); *Social Work*

Sandra Doss Cannon, Nashville, Tenn.; B.S. (Tennessee State University); *Social Work*

Mona L. Carey, Bancroft, Neb.; B.A. (Wheaton College); *Social Work*

Patricia Helen Carl, West Haven, Conn.; B.S.W. (Southern Connecticut State College); *Social Work*

Richard V. Carrick, Columbus; B.A. (Allegheny College); *Social Work*

Rebecca Lynn Carstens, Columbus; B.S. (Miami University); *Social Work*

Rosalie Kefalas Clark, Mansfield; B.S.; *Social Work*

Juanita W. Curran, Columbus; B.A. (Simmons College); *Social Work*

Jacqueline Bass Dickens, Cincinnati; B.S. (Hampton Institute); *Social Work*

David Joseph Dirr, Cincinnati; B.S. (Bowling Green State University); *Social Work*

Joanne Schneiderman Dole, Columbus; B.A. (Earlham College); *Social Work*

Kimberly Leslie Doughty, Springfield; B.A. (Wright State University); *Social Work*

Rebecca Maher Drake, Dayton; B.S.Soc.Wel.; *Social Work*

Carol Julia Duesing, Columbus; B.A. (University of Cincinnati); *Social Work*

Sharon Turner Eaton, Detroit, Mich.; B.S. (Eastern Michigan University); *Social Work*

Neal Scott Edgar, Maple Heights; B.A.; *Social Work*

Robert F. Elsej, III, New Carlisle; B.A.; M.A. (University of Dayton); *Social Work*

Donna Lee Enckler, Columbus; B.S.Soc.Wel.; *Social Work*

Karen Eye, Columbus; B.A.; *Social Work*

Marybeth Bubnick Falcone, Seven Hills; B.S. (Kent State University); *Social Work*

Peter Christian Farese, Columbus; B.A. (Rutgers University); *Social Work*

Michael Earl Folmar, Columbus; B.A.; *Social Work*

Timothy James Fuente, Canton; B.S.; *Social Work*

Keith DeWitt Gatewood, Zaniesville; B.S. (Bowling Green State University); *Social Work*

Thomas Lynn Gilliom, Bluffton, Ind.; B.S. (Ball State University); *Social Work*

Donna Michael Gleckler, Cincinnati; B.A. (University of Cincinnati); *Social Work*

Bonnie Mae Golden, Grove City; B.S. (Richard Stockton College); *Social Work*

Teresa H. González, Puerto Rico; B.A. (Chestnut Hill College); *Social Work*

Patricia Ann Gow, Columbus; B.S.Soc.Wel.; *Social Work*

Robert Allan Hack, Columbus; B.A. (Ohio Dominican College); *Social Work*

William Joseph Hambor, Columbus; B.S.; *Social Work*

Sharon Lee Hanger, Columbus; B.A. (University of Dayton); *Social Work*

Pamela Rogers Hathaway, Columbus; B.A. (Case Western Reserve University); *Social Work*

Jeffrey Alan Hill, Columbus; B.A. (Capital University); *Social Work*

Dolores C. Hoke, Worthington; B.A. (Allegheny College); *Social Work*

Rhonda Michele Jackson, Columbus; B.S.Soc.Wel.; *Social Work*

Debra J. Jaffe, Wantagh, N. Y.; B.S.W. (State University of New York at Albany); *Social Work*

Claretta Johnson, Sanford, N. C.; B.A. (Winston-Salem State University); *Social Work*

Gwen Laura Katz, Cincinnati; B.S.Soc.Wel.; M.Ed. (Springfield College); *Social Work*

Timothy Alan Kennedy, Columbus; B.S.; *Social Work*

Joann King, Butler, Ga.; B.A. (Clark College); *Social Work*

Yvonne Lutter, Columbus; B.A. (University of Rhode Island); *Social Work*

Marilyn Kaye Marigna, Burlington, N. J.; B.A. (Glassboro State College); *Social Work*

Mary S. McAdow, Akron; B.A. (Akron University); *Social Work*

Catherine L. McCalley, Cincinnati; B.A. (College of Mount Saint Joseph on the Ohio); *Social Work*

Terry G. McKinley, Toledo; B.S. (University of Toledo); *Social Work*

Mary Augusta McQueen, Wagram, N. C.; B.A. (Fayetteville State University); *Social Work*

Amy Louise Melville, Owego, N. Y.; B.A. (State University of New York College at Oswego); *Social Work*

Carolyn Bright Melvin, Dayton; B.S.W. (Central State University); *Social Work*

William Paul Milchak, Ellwood City, Pa.; B.A. (LaRoche College); *Social Work*

Norma Leigh Miller, Portsmouth; B.A. (Ohio University); M.A.; *Social Work*

Kandi Kim Brelsford Mitsak, Stoutsville; B.S.Soc.Wel.; *Social Work*

¹ Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Sandra K. Moore, Portsmouth;
B.A. (Ohio University); *Social Work*

Steven James Morgan, Columbus; B.S.W.
(Columbia Union College); *Social Work*

Barry H. Morris, Cleveland; B.S.
(University of Cincinnati); *Social Work*

Janis L. Morris, Fairsfield;
B.A. (Miami University); *Social Work*

Joseph Paul Naff, Columbus;
B.S. (Boston State College); *Social Work*

Nancy C. Pardue, Dayton;
B.A. (Wright State University);
Social Work

Barbara Becker Partsch, Columbus;
B.S. (Capital University); *Social Work*

Carol Ann Peters, Morelia;
B.A. (University of Cincinnati);
Social Work

Neil D. Rasmussen, Findlay;
B.S. (Findlay College); *Social Work*

Joanne M. Rauschenbach, Cleveland; B.A.
(John Carroll University); *Social Work*

Phyllis Marie Rich, Lorain; B.A.
(Ohio Dominican College); *Social Work*

Dorothy Anne Rico, Martins Ferry;
B.A. (Ohio University); *Social Work*

Ronnie Lynn Schecter, Jericho, N. Y.;
B.A. (University of Maryland);
Social Work

Janet Lynn Searls, Palos Heights, Ill.;
B.A. (University of Rochester);
Social Work

Frances Tamminello Senft, Annapolis, Md.;
B.A. (University of Hawaii); *Social Work*

Roger J. Shooter, Cambridge;
B.A. (Southern Illinois University);
Social Work

Deborah L. Shub, Cleveland;
B.S.S.W. (University of Cincinnati);
Social Work

Jonathan Carl Siehl, Cincinnati; Th.M.
(Pittsburgh Theological Seminary); M.A.;
Social Work

Sharron Marie Singleton, Washington,
D. C.; B.S.W. (Norfolk State College);
Social Work

Constance P. Slettebak, Worthington;
B.S.M. (College of Wooster); *Social Work*

Mary Kostelnik Smith, Cleveland;
B.A.; M.A.; *Social Work*

Gale Lynn Stevens, Chagrin Falls; B.A.
(University of Virginia); *Social Work*

Jack L. Stoneburner, Columbus;
B.S.Soc.Wel.; *Social Work*

Elvia B. Thomas, Dayton; B.A.
(Wittenberg University); *Social Work*

Suzanne Wunder Timms, Columbus;
B.A. (Emory University); *Social Work*

Carol G. Tolchinsky, Brooklyn, N. Y.;
B.A. (State University of New York,
College at New Paltz); *Social Work*

Carole Lynn Troy, Union, N. J.;
B.A.; *Social Work*

Lisbeth Katzin Unger, Downers Grove, Ill.;
B.S.; B.A. (University of Illinois);
Social Work

Catherine Bradford Wagner, Delaware;
B.S.Soc.Wel.; *Social Work*

Bonnie Jean Walker, Columbus;
B.S.Soc.Wel.; *Social Work*

Earlie Mae Washington, Madison, Miss.;
B.S.; *Social Work*

Sharone Denise White, Accomac, Va.;
B.S.W. (Norfolk State College);
Social Work

Mary L. Wildman, Columbus;
B.A.; *Social Work*

Janet Lynn Williams, Cuyahoga Falls;
B.S. (Bowling Green State University);
Social Work

Douglas Scott Wilson, Bedminster, N. J.;
B.A. (Trenton State College); *Social Work*

Jack J. Wisniewski, Lancaster, N. Y.;
B.M. (State University of New York at
Fredonia); M.S. (Purdue University);
Social Work

Rochelle Yohanan, Morristown, N. J.;
B.A. (Ohio University); *Social Work*

LaVern Jay Yutz, Plain City;
B.A. (Eastern Mennonite College);
Social Work

Linda Kay Ziegler, Cincinnati; B.A.
(University of Cincinnati); *Social Work*

Colleges of the Arts and Sciences

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

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 Mathematics and
Physical Sciences

College of Social and
Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Thirty candidates

Jon F. Alexander, Maumee
Rosemarie Balog, Brecksville
Timothy Donald Barret, Toledo
William Thomas Betcher, Cincinnati
Cynthia Carol Birchfield, Mentor
Mary Ann Bookmyer, Glenshaw, Pa.
Nancy A. Buzek, Mayfield
Francine Jody Bye, Woodmere, N. Y.
Terry Lee Cochran, Lancaster
Gary Stephen Conrad, Cincinnati
Stefan V. Galbos, Columbus
David B. Gebhardt, Grove City

Sally Mary Elizabeth Imes, Cambridge
William Jeffrey McKibben, Cadiz
Susan Sanders Meeker, Tracy
Stefanie Joy Newman, Youngstown
Diana Turner Nowels, Columbus
B.S.Nurs.

Ann Elizabeth Petersen, Willowick
Hilary Ruth Peterson, Akron
Cynthia Jean Rega, Mather A.F.B., Calif.
Miranda Eberle Shaw, Columbus
Regina Ann Shoup, Alliance
Richard Jordon Smoot, Columbus
Nancy Dye Stroup, Columbus
Todd Shawn Swatsler, Lima
Inga M. Talbert, Mobile, Ala.
Lance Eric Thompson, Portsmouth
Guillermo Gonzalo Tijerina, Jr., Archbold
Patricia Diane Wilson, Thorofare, N. J.
Edward Hubert Yeager, Akron

Bachelor of Fine Arts

Fifty-one candidates

Lynda Kay Allen, Columbus
Pamela Sievert Baker, Elyria
Diane Elizabeth Belgioio, North Canton
Sandra Kay Broecker, Columbus
Neil Elmer Campbell, Lyndhurst
Michele Ann Chambers, Columbus
Melvin Willis Charles, Columbus
Mark Steven Chevalier, Columbus
Michael Thomas Coltery, Columbus
Mark Steven Conley, Columbus
Douglas James Davis, Westerville
Rebecca Lynn Day, Mt. Vernon
Deborah Lynn Exum, Columbus
David Ricardo Fernandez, Columbus
Valda Fitzpatrick, Mt. Gilead
Robert Edward Galloway, Columbus
David Ray Gardner, Blanchester
Elizabeth Anne Gelwick, Middletown
Richard Lee Geyer, Jr., Dayton
Cynthia Mae Given, Groveport
N. Lynne Godley, Vermilion
Catherine Green, Worthington
Elissa W. Greenbaum, Pittsburgh, Pa.
Patricia Marie Harms, Toledo
Susan Ann Henderson, Columbus
Lisa Ann Daugherty Iacobellis, Akron
James Richard Joseph, Columbus
Julie Allison Judge, Sylvania
David Lawrence Kapan, Cincinnati
Brian Edwin Kuru, Olmsted Falls
Debra Kushner, Columbus
Linda Lee Martin, Columbus
Lisa L. Murphy, East Hills, N. Y.
Lesa C. Mylett, North Canton
Angela Mary Nicolosi, Marion
Deborah Anne Farrett, Worthington
Gary Earle Paul, Columbus
Ann Richmond Petry, Columbus
Edith Lynn Smallwood Ray, Columbus
Kathleen Sue Rettig, Gahanna
Paul Wesley Schrock, Worthington
Nancy Ellen Scofford, Oxford
Monica Diane Seaberry, Chicago, Ill.
Donald Clifford Sell, Warren
Valerie Elizabeth Smith, New York, N. Y.
Penny S. Spratley, Columbus
Paula Jean Steele, Dayton
William A. Tarcy, Campbell
Brenda Elyca Upson, University Heights
Richard Joseph Weber, Fostoria
Patricia Carol Weeks, Columbus

Bachelor of Music

Eighteen candidates

James Milton Akins, Columbus
Stephen Thomas Bashaw, Hilliard

: Also Bachelor of Art Education, College of
Education

Kathy Paxton Birch, McDonald
 Richard Keith Cooper, Columbus
 Elizabeth Carol Downs, Bloomington, Ill.
 David Bradley Drazin, Gates Mills
 David Lee Furniss, Upper Sandusky
 Thomas Lee Gall, Columbus
 Jo Ellen Harris, Columbus
 John Edward Hylar, Worthington
 George Joseph Kastor, II, Reynoldsburg
 Diane Elizabeth Kesling, Dayton
 Joyce Josephine Kubit, Parma Heights
 Susan Eileen Dobbins Matthews,
 Eureka, Calif.
 Kathryn Lee Shoup, Akron
 William Dean Smith, Columbus
 B.S., B.F.A.
 Ina Lee Thomas, Bellefontaine
 Viscount Francis Thurston, Columbus

Bachelor of Art Education¹

Twenty-two candidates

Judith Ann Cesner, Columbus
 Luigina Ciampa, Oregon
 Anne Christine DeVries, Columbus
 Sheila Marie Pagan, Columbus
 Joy Beth Firewood, Havertown, Pa.
 Jane Melanie Ford, Hillsboro
 Carol Ann Griffin, Columbus
 Elizabeth Anne Hall, Columbus
 Susan Jane Heilman, Ashland
 Jamie Michelle Hemmert, Wapakoneta
 J. Michael Huffman, Columbus
 B.F.A., M.F.A. (Bowling Green State
 University)
 Becky Frazier Manges, Stoutsville
 B.F.A.
 Mark Steven McCreary, Delaware
 Kathryn Jane Powell, Columbus
 Debra Ann Sawchik, Richmond Heights
 Debra Jean Sayre, Hilliard
 Cheryl Lynn Schmidt, Alliance
 Craig Allen Scholz, Columbus
 Gary Karl Shambaugh, Columbus
 Aysun Sualp, Ankara, Turkey
 B.S. (University of Missouri); M.S.
 William Allan Tarcy, Campbell
 Myron Merle Weber, Columbus
 B.F.A.
 Ann Louise Welsh, Eaton

Bachelor of Music Education¹

Fifty-four candidates

Jeffrey Eugene Ballard, Columbus
 Deborah Jo Binkley, Coshocton
 Thomas Hastings Burkey, Youngstown
 Stephen Mark Bush, Lakewood, N. Y.
 Roger Daniel City, Reynoldsburg
 Lori Mae Davis, Lima
 Richard Irwin Davis, Jackson
 David Wayne DeWeese, Columbus
 Richard Eugene Eakin, Toledo
 Patricia Ann Eaton, Delaware
 Deborah Ivy Fitzer, Columbus
 David Lee Furniss, Upper Sandusky
 Mary Kay Hornung, Mansfield
 Jodi Maureen Gladstone,
 White Plains, N. Y.
 Jean Louise Gutkowski, Parma
 Mary Helen Hansen, North Canton
 Elaine May Harrod, Harrod
 Susan Edith Heller, Columbus
 Judy Lynn Hilliard, Canal Fulton
 Mary Kay Hornung, Mansfield
 Diana Kay Hossler, Attica
 David Alan Jacobellis, Lancaster
 Claudia Mansfield Jones, Columbus
 Kathryn Jane Kildow, Columbus
 Dorothy Huston Knecht, Circleville
 Joyce Josephine Kubit, Parma Heights

Amy Louise LaCivita, Oxon Hill, Md.
 Carol Anne Linville, Deerfield, Ill.
 Jill Steenrod Loar, Sidney
 Susan Helen Lonske, Whitehall
 David Elwyn Markle, Columbus
 Lynn Daniel Maus, Newton Falls
 Rebecca Sue Mayer, Columbus
 David Wayne Meredith, Columbus
 John Harry Neal, II, Auburn, Me.
 Carl Eugene Oliver, Dublin
 Donald Keith Parks, Louisville, Ky.
 Cynthia Jill Peterkin, Avon Lake
 Dana Lee Peters, Dayton
 Victoria Smith Peters, Columbus
 Ericeta La'Sha Richmond, Memphis, Tenn.
 Pamela Ann Rinehart, Kokomo, Ind.
 James Allen Sentz, Strongsville
 Thurlow Todd Stoffy, Alliance
 Mary Beth Stewart, North Canton
 Barbara Valentina Sullivan, Wooster
 Bruce Delane Swank, Rossburg
 Sharon Kaye Taborac, Lorain
 Ina Lee Thomas, Bellefontaine
 Joann Thomas, Shelby
 Frank Carl Tracz, Brooklyn
 Debra Ann Wesche, Ridgeville Corners
 Gail Ann Wilson, Piqua
 Kenneth Michael Wilson, Columbus

Bachelor of Science in Industrial Design

Twenty candidates

Mark Nelson Bonner, Chillicothe
 Cecilia Ann Brundrett, Troy
 Lillian Kwan Chan, Columbus
 Shari Ann Cohen, Beachwood
 Joyce Christine Cook, Columbus
 Dawn Copley, South Point
 Shelley Katherine Evenson, Columbus
 Douglas Norman Gillis, Columbus
 Laura Langdon Gulasch, St. Paul, Minn.
 Frederick Hunkler, Columbus
 Noreen Kenney, Huntington, N. Y.
 Mark Stephen Krumel, Columbus
 Robert Henry Martin, Vermilion
 Angelika Diebold Peck, Delaware
 Allan Joseph Perusek, Columbus
 Cheryl Ann Pompura, Youngstown
 Timothy Alan Pond, Urbana
 Judith Lynn Reichel, Grafton
 Eric William Rickabaugh, Columbus
 Karen Ann Shenker, Columbus

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Twenty-four candidates

James John Andrasko, Columbus
 John Marie Ball, Bellevue
 Lyle Scott Barnes, Middletown
 William Gerard Buoni, Columbus
 Nancy Sue Carbone, Parma
 Donald Richard Curtis, Fairfield
 Thomas Mallowayne Davis, Jr., Columbus
 Lori Ann DeLong, Toledo
 Gina Mary Dougherty, Canton
 David Meredith Dupy, Columbus
 Alan Lee Fahndrich, Columbus
 Judith Ann Fricke, Waynesville
 David Scott Grierson, Dayton
 Gladys Lucille Johnson, Linden, N. J.

Louis Sozon Lyras, Campbell
 Robert Kevin Maloney, Hamilton
 Cecilia A. Moy, Mentor
 Debra S. Parson, Columbus
 Jeffrey Harold Peters, Columbus
 Kristofer Gibson Sandlund, Columbus
 Gordon L. Sangree, Salem
 Richard Lewis Schultz, Falls Church, Va.
 Candace L. Smith, Farmdale
 Douglas William Wallace, Worthington

Bachelor of Science

One hundred and ninety-six candidates

Laird Douglas Ackerson, Columbus
 Mark George Adler, Independence
 Samuel Louis Altier, II, Ashtabula
 James A. Anagnost, Phillipsburg, N. J.
 Angela T. Anderson, Cleveland
 Kimberly Marie Anderson, Tecumseh, Mich.
 Derrick Dale Ankrum, Columbus
 Kim L. Autio, Xenia
 Steven Lee Ballas, Zanesville
 Randall L. Balmert, Lorain
 Madeline Teresa Barile, Cheshire, Conn.
 Robert Wesley Barnett, Jr., Portsmouth
 Steven Robert Bayer, Columbus
 James Fulton Beattie, III, Columbus
 Nancy Ellen Beerman, Dayton
 Randall Paul Bennett, Columbus
 Mark Bernsdorf, Columbus
 John Robert Bettineschi, Jr., Dillonvale
 Dorrin Marie Birch, Chagrin Falls
 Daniel J. Birmingham, Shadyside
 Lori J. Bitler, Amanda
 Bonnie Jan Bolender, Circleville
 James E. Booth, Youngstown
 Terry L. Bown, Columbus
 David L. Boyer, Toledo
 Michael J. Boyer, Norton
 Beverly Panz Bradley, Columbus
 James Michael Brennan, Columbus
 Bruce R. Briggs, Columbus
 Nadine Brubaker, Akron
 Scott R. Bruce, Masury
 Dorothy L. Camp, Hicksville
 John Jeffrey Campbell, Napoleon
 Jack Daniel Castilla, Warren
 William Carl Chaffin, Creston
 Mark Stephen Chapman, Stow
 Mark A. Christine, Middlefield
 Douglas Alan Clark, Grove City
 Ronald Emery Clement, Worthington
 William Collier, Sandusky
 Aaron Lee Combs, Worthington
 David Alan Cooley, Lima
 Rolife Lee Cruze, Columbus
 Marian Korosec Davis, Columbus
 Jon A. Dillard, Lancaster
 H. James Duccilli, III, Cincinnati
 Herbert Raymond Durtschi, Columbus
 William M. Eichner, Fairlawn
 Mark Bernard Eighan, Canfield
 Jane Marie Endres, Columbus
 Gary Paul Erdy, Columbus
 Carol S. Evans, Little Hocking
 David Scott Felder, University Heights
 Mark Joseph Feldmann, Columbus
 Susan Kathryn Ferrand, Marion
 Monte G. Finch, Triadelphia, W. Va.
 James E. Finke, Mason
 Mary Helen Flowers, Columbus

¹ Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education.
² Also Cert. Grad. Dent. Hyg., College of Dentistry
³ Also Bachelor of Music Education, College of Education
⁴ Also Bachelor of Arts, Colleges of the Arts and Sciences
⁵ Also Bachelor of Music, Colleges of the Arts and Sciences
⁶ Also Bachelor of Fine Arts, Colleges of the Arts and Sciences
⁷ Also Doctor of Medicine, College of Medicine
⁸ Also Doctor of Dental Surgery, College of Dentistry

Deborah Stanfield Fullrod, London
 Cynthia Lee Fort, Mansfield
 Brent Martin Fox, Greenwich
 Becky E. Francis, Akron
 Cindy Jane Francis, Lancaster
 Brian Joseph Gallagher, Worthington
 Jeffrey Gamble, Xenia
 Jay Robert Gaunt, Mansfield
 Patricia Ann Gensel, Massillon
 Richard D. Gentile, Struthers
 Beverly Irene George, Defiance
 Glenn Giarratana, Columbus
 Lawrence E. Gibbs, Hillsboro
 Chester David Gifford, Columbus
 Lawrence Mark Gilman, Beachwood
 Gregory D. Githens, Englewood
 George Jeffrey Glikas, Steubenville
 Susan Ellen Goldfarb, Franklin Lakes, N. J.
 Jane Karen Gray, Columbus
 John Douglas Gregory, Napoleon
 Jody LaRaine Grenga, Youngstown
 Jeffrey Gordon Grierson, Chagrin Falls
 Darrell Eugene Groman, Bluffton
 Craig Alan Gudakunst, Delphos
 James Stephen Gurley, Fairport Harbor
 Bruce Edward Hager, Kettering
 David Wayne Haner, Columbus
 Dina Fiszlewicz Harberger, Columbus
 Kerri Lynn Hart, Columbus
 Benjamin Allan Hartz, Delaware
 Nancy Elliott Harvey, Columbus
 Mark Alan Hassinger, Parma
 John Richard Hayes, Warren
 Donald James Hendley, Painesville
 Joseph E. Henry, Lancaster
 Paul C. Hess, Columbus
 Edward Louis Hillenbrand, Columbus
 Charles Scott Hirth, Orient
 Steven Wesley Howe, Marietta
 Jo Anne Howe, Galloway
 David Francis Hunt, Lima
 Richard Owen Hunt, Lima
 *Marsha Yasue Iwahiro, Wahiawa, Hawaii
 Robert A. Jankas, Jr., Wickliffe
 Jeffrey Andrew Jaswa, Columbus
 Wendell Jenkins, Beaver
 Maria Lisa Jesionek, Marion
 Mary Elizabeth Johnson, Cincinnati
 James Russell Joice, Defiance
 Sandra Kay Jones, Columbus
 William Robert Kolodzik Kaye, Worthington
 Lori A. Kimble, Vienna
 John C. Kitsmiller, Columbus
 Kevin James Kolovich, Cleveland Heights
 Gregory Frank Koltun, Columbus
 Douglas E. Kowalczyk, Bedford
 Douglas Scott Kuehn, Columbus
 Rick Allen Kuntz, Canton
 Carol Celeste Lavrich, Richmond Heights
 Donald Scott Lewellyn, Columbus
 Cyler Earl Lester, Hamilton
 Dawn Elizabeth Light, Batavia
 Dale Pearson Lindsey, Parma
 Douglas Howard Lindsey, Kenton
 Robert Lionel Line, Columbus
 Celeste Lombardi, Columbus
 Richard Franklin Maier, Jr., Massillon
 Bernice Sue Marshall, Columbus
 Sherry Masters, Columbus
 Valerie Anne Matanick, Parma Heights
 James Trenton Mathias, Warren
 Shaun Patrick McKinney, Portsmouth
 Larry Jon Mengelkoch, Xenia
 Bruce Alan Merwin, Columbus
 G. Andrew Meyer, Columbus
 Forrest Mikesch, Coshocton
 Gregory S. Miklovic, Independence
 Jean Ann Miller, Mansfield
 Richard P. Mills, Norwalk
 Christopher George Mitko, Linden, N. J.
 Gregory Salvatore Montevideo, Niles
 Daryl Lee Moorhead, Pataskala
 Mark Alan Morris, Dayton
 William Edward Muehlenhard, Jr., Cincinnati
 John Kevin Musser, Warren
 David Alan Newmarker, Lyndhurst

Andrew Michael Norris, Rego Park, N. Y.
 John Michael Olis, Medina
 John Martin Oris, Galion
 Deborah Ann Palumbo, Steubenville
 Elaine Anne Paul, Warren
 Stacy Adele Popa, Anchorage, Alaska
 Nicholas Paul Raptou, Youngstown
 Mark E. Reardon, Fremont
 Jeffrey Glenn Resnick, Lyndhurst
 Edward Roscoe Richter, Columbus
 Nancy Abby Richter-Honeychuck, Hudson
 Jeffrey D. Ries, Toledo
 Patrick Thomas Rodeman, Toledo
 Mark Phillip Rollins, Columbus
 Neil S. Rubin, Toledo
 David Keith Rusk, Columbus
 James Timothy Russin, Steubenville
 Samuel Joseph Sachs, Jr., Westerville
 Donald Ray Savage, Jr., Columbus
 Denise Anne Schakow, Rochester, N. Y.
 Douglas Robert Schmidt, Cincinnati
 Stephen Arthur Segall, Columbus
 Kevin Evans Shellcroft, Columbus
 Raymond Alan Sheridan, Grove City
 James A. Sides, Dayton
 David Alan Siegel, Johnstown
 Daniel Edward Sing, Columbus
 Christopher J. Southwick, Columbus
 Craig Morris Spitzer, Greenville
 Laura Lynn Stanton, Chillicothe
 Alan David Steginsky, Columbus
 Mark E. Steljes, Little Ferry, N. J.
 Richard David Sweeney, Strongsville
 John Lipscomb Teem, Shaker Heights
 Jane Tolley, Hamilton
 Kathleen Greene Tomblin, Columbus
 Mark Tranovich, Bellaire
 Donald Allen Tupper, Youngstown
 David Ray Turner, Cincinnati
 James Bert Varner, Columbus
 James Peter Vigilance, South Point
 Denise Erika Vizcarra, Columbus
 Karl Virgil Voelkerding, Cleveland
 Steven John Wegert, Columbus
 Eugene Paul Wenzke, Dayton
 George Thomas Williams, Northwest Canton
 Kevin Eugene Wisler, Galion
 Suna Elizabeth Woods, Chillicothe
 Carol Ann Zari, Reynoldsburg
 Edgar William Zoog, III, Columbus
 Ann Miller Zoretic, Grandview Heights
 Michael Scott Zurbrugg, Columbus

Lea Allen Coryell, Chagrin Falls
 Donald Evan Crabb, Chillicothe
 Joan Crawford, Gallipolis
 Michael Joseph Cua, Columbus
 Matthew R. Curtis, Troy
 Frank Gilbert D'Amico, Jr., Ridgewood, N. J.
 Sarah Ann Denk, Hiram
 Jennifer Elaine deVillers, Mt. Vernon
 Ruth Lee Dewald, Columbus
 Thomas Philip DiPiero, Girard
 Virginia S. Dodge, Columbus
 Patrick Michael Donahue, Kettering
 John Noel Duvall, Columbus
 Kathleen Staffey Earl, Newark
 Kevin J. Easton, Columbus
 David Clifton Eley, Columbus
 Harold Lee Fenner, Jr., Columbus
 Nancy L. Flynn, Columbus
 Donna Marie Forman, Westerville
 Randall James Frank, New Castle, Pa.
 Robert Friedman, Columbus
 Amie Gartenberg, Freehold, N. J.
 Glenn William Garwig, III, Youngstown
 Kathy Gluck, South Euclid
 Bruce C. Goodman, Canal Winchester
 Timothy Allen Gordon, Cleveland
 Joshua Gressel, Delphos
 Susan J. Gutheil, Columbus
 Patricia Weber Haag, Columbus
 Henry R. Halas, II, Columbus
 *Marie Halas, Columbus
 Connie Jane Harris, Worthington
 Juanita Louise Hayden, Urbana
 Kathleen S. Hobek, Cincinnati
 Patricia A. Horner, Shaker Heights
 LaVerne C. Horton, Columbus
 Heidi Hough, LaGrange Park, Ill.
 Craig Allen Husch, Columbus
 *Ann E. Husza, Cincinnati
 Melodee Kay Husted, Springfield
 Stephanie Lynn Jakim, Lima
 Jeffery W. James, Dresden
 *David George Jess, Columbus
 *Deborah A. Jesse, Miamisburg
 Carol Jevrem, Columbus
 Ngairie Elise Jones, Olmsted Falls
 Donna Marie Kalinos, Springfield
 Judith Diane Kemp, Gallipolis
 Laurie Jean Kinnaman, Bay Village
 Dan Goulder Kirschenbaum, Shaker Heights
 Margaret Ann Knill, Columbus
 *Susan Lynne Kozy, Akron
 Richard Alan Kucera, Brecksville
 Sharon Lea Lakey, Columbus
 Jeffrey Gale Landis, Columbus
 Cindy Lee Large, Toledo
 Cynthia Carolyn Laszcz, Euclid
 Edwin Matthew Leonard, Hudson
 Nancy Carole Lessem, Columbus
 Mo Ching Leung, Kowloon, Hong Kong
 Leo Hsing-Wen Liu, Columbus
 *Diane Lynn Longo, Wapakoneta
 Louis Wayne Ludlum, Paulsboro, N. J.
 Thomas H. Magee, H. Xenia
 Pamela Ann Mallory, Columbus
 Nabil Joseph Mansour, Columbus
 Christina Marie Martin, Columbus
 Jill L. Maslinoff, Hauppauge, Long Island, N. Y.
 Cynthia Reynolds Mattingly, Columbus
 Jimmy I. McCleese, Marion
 Martha Juliet McGowan, Columbus
 Terri Lee McIntee, Burton
 Christopher Miller, Newark
 Gail Kay Mitchell, Springfield
 Toni Elise Mulrane, Columbus
 John Spencer Noble, Columbus
 Beth Ann Nolder, Whitefish
 *Jane Elizabeth O'Brien, Worthington

College of Humanities

Acting Dean: Leon I. Twarog

Bachelor of Arts

One hundred and sixty candidates

David William Anderson, Sunnysvale, Calif.
 Dennis Dean Amstutz, Bluffton
 Thomas K. Babcock, Columbus
 Donna J. Colbert Barr, Columbus
 Dennis Bingham, Lancaster
 Brad Franklin Blackstone, Thornville
 Jeffrey A. Bookman, Columbus
 *Elizabeth Jane Burr, Bellevue
 Carl David Bury, Hudson
 Dwight L. Cain, Mansfield
 Duane Lee Campbell, Heath
 Stephen Henry Caycedo, Larchmont, N. Y.
 Janet Lynn Chandler, Amherst
 Kevin Edmund Chay, Columbus
 Victoria Ann Chericco, Clarion, Pa.
 Robert Michael Citino, Cleveland
 James Robert Colville, Toronto, Ont., Canada
 Jerilyn Helen Cornish, Reynoldsburg
 Constance Mary Corrigan, Alexandria, Va.

* Also Cert. Grad. Dent. Hyg., College of Dentistry
 * Also Bachelor of Science in Education, College of Education
 * Also Doctor of Dental Surgery, College of Dentistry

Thomas Martin O'Leary, Galion
 Shauna Kay Olsen, Bountiful, Ut.
 John Harold O'Neil, Columbus
 William Edward O'Neil, Columbus
 Wesley Guy Pastor, Columbus
 Jonathan Dale Pierce, Troy
 Donna L. Pike, Lima
 Lori Jane Piotrowski, Columbus
 Laura Augusta Pitea,
 Harrington Park, N. J.
 G. Steven Pommer, Washington C. H.
 Kevin Curtis Pound, Columbus
 Kathleen Ann Prond, Columbus
 Janis K. Reichert, Dayton
 Laura Elizabeth Reiter, Columbus
 Marc Alan Ridgway, Columbus
 Michael Stuart Ritchie, Grove City
 Beverly Elaine Concha Robertson,
 Marysville
 Elizabeth Roderick, Gallipolis
 Marc Carlton Rose, Youngstown
 William Edward Rouch, Fairborn
 Michael Joseph Rourke, Columbus
 P. Robert Rudney, Cincinnati
 Karen M. Rugani, Waynesburg
 John C. Rumm, Worthington
 Theresa Russell, Toledo
 Samir Sabella, Canton
 Lewis Samuel Scheiderer, Dublin
 Louis Schiavoni, Youngstown
 Richard Harold Schorr, Lancaster
 Anthony D. Schroeder, Leipsic
 Barbara Ann Schwartz, Brookville, N. Y.
 Janiece Diane Sesser, Gahanna
 Kathy Louise Shoss, Shaker Heights
 Jeffrey Charles Silleck, Delaware
 John Robert Slater, Gahanna
 William Prentice Snow, Newark
 Myriam H. Solomon, Columbus
 Patrick A. Stafford, North Olmsted
 Peter James Stanton, Columbus
 Rebecca Marie Steadman, Jacobsburg
 Teresa Lyn Stebelton, Guildhall
 Luke Stinnett, Dublin
 Timothy David Strapp, Columbus
 Martha Kay Strimble, Wadsworth
 James Roy Swartzlander, Columbus
 Joseph C. Swetnam, Columbus
 Patricia A. Swinehart, Columbus
 William David Swisher, Middleport
 Hayes Taylor, East Liverpool
 Michael James Thomas, Worthington
 Susan Marie Toeniskoetter, Columbus
 Victoria Louise Troph, Lakewood
 Ned Hawxhurst Tyson, Green Springs
 James T. Vradelis, Dayton
 Rebecca Mary Walter, Columbus
 Esther Sue Wamsley, Columbus
 Steven Mark Wassstrom, Columbus
 Kathleen J. Welch, Worthington
 Norbert Peter Welker, Mansfield
 Stephanie Karla White, Worthington
 Glenn Raymond Whitt, Cleveland
 Kathy Jo Wilson, Brookville
 Joanne B. Zimble, Newdon, Mass.

William M. Shalosky, Pickerington
 William Dean Smith, Columbus
 B.S., B.F.A.
 Richard J. Zemanek, Lorain

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

Three hundred and fifty-seven candidates

Michelle Marie Adams, Swanton
 Brenda Beasley Alleman, Columbus
 Janice Helen Ameen, Seven Hills
 Kathie Sue Ampsback, Pataskala
 Melanie Lynne Arbuclke, Reynoldsburg
 William Alan Arlan, West Orange, N. J.
 Lisa Margot Arscott, Columbus
 Darrell E. Baird, Leetonia
 Blaise Gerard Baker, Zanesville
 Howard Lee Baker, Columbus
 Leslie Beth Baker, Columbina
 Louis Norman Balcher, Cleveland Heights
 Wanda Elizabeth Baltes, Tiffin
 Keith Travis Bartlett, Columbus
 Scott Zeth Bassoff, Great Neck, N. Y.
 James M. Bavendam, Columbus
 Jane Benita Beckham, Dayton
 Michael Lee Bernhart, Richmond
 Meryl J. Besen, Briarcliffe, N. Y.
 Kenneth A. Birne, Tenafla, N. J.
 Larry David Blancett, Gahanna
 Michele Marie Blomquist,
 Rockville Centre, N. Y.
 Shelley Germaine Boales, Northfield
 Melva Lynn Bobbitt, Columbus
 Stephen C. Borchers, Winfield, Ill.
 Stephen Jay Bowshier, Grove City
 Susana Marie Boyer, Columbus
 Todd Irwin Braff, Cleveland
 Durardo D. Brooks, Columbus
 James Douglas Brophy, II, Columbus
 Michael Jay Bubis, Beachwood
 Catherine Angela Buccello,
 Ozone Park, N. Y.
 Michael A. Bukowski, Columbus
 Joseph William Buren, Wooster
 L. Charlene Burge, Columbus
 Jennifer E. Burkhardt, Woodsfield
 Kolleen Rose Butterworth, Columbus
 George Cameron Cantor, Parma
 Kristynee Jo Cassis, Gahanna
 Robin Marie Cathey, Toledo
 Sherri Jean Cato, Dayton
 Steven Bruce Chesler, Shaker Heights
 Joseph Chirelli, Columbus
 Mindy Chotiner, New Rochel, N. Y.
 Paul Scott Clapp, Euclid
 Eve Clark, Columbus
 James R. Clay, Westernfield Center
 Keith Warren Condon, Columbus
 John Myron Conery, Ashland
 Christopher M. Connor, Akron
 Reginald Alfred Cook, Columbus
 Leslie Carol Copperman, Lorain
 Garth Glenn Charles Cox, Grove City
 Kelley Wilson Crooks, Columbus
 Carlos Alberto Cubas,
 Isla Verde, Puerto Rico
 James Bernard Cummings, Pittsburgh, Pa.
 Lynne Ann Curley, Cincinnati
 Laurence Tracy Daeh, Columbus
 Howard W. Davis, New Philadelphia
 Alan C. Decker, Columbus
 John Samuel Dorse, Columbus
 Roxanne Marie Dematte, Yorkville
 Kimberly Marie DeRosa, Toledo
 John Warren Diemer, Toledo
 Darlene Juanita Dixon, Cleveland
 Joseph S. Dixon, Trenton, Mich.
 Craig E. Donaldson, Akron
 Michael Paul Donisi, Middletown
 Molly Jane Dorse, Columbus
 Maxene Stansell Doty, Worthington

Bachelor of Science

Sixty-nine candidates

Brent Allen Archinal, Dover
 Thomas Robert Bailey, Celina
 Richard Gary Barr, Campbell
 Michael Joseph Bastine, Findlay
 Kevin Louis Boyle, Cincinnati
 Gary Lee Brannick, Springfield
 Douglas Allen Brown, Columbus
 Glen Louis Brueggemeier, Bowling Green
 Ronald Steven Burke, Columbus
 Eric Clark Butts, Grove City
 Connie Jean Chan, Columbus
 Edward Michael Chernick, Dayton
 Diane Marie Curtis, Columbus
 John R. Donofrio, Willowick
 Steven Howard Emerman, Columbus
 Ernest Gordon Englehart,
 University Heights
 Gary L. Engler, Columbus
 Susan Lynn Ensor, Medina
 Gerald Leroy Fetherolf, Jr., Columbus
 Edward Luke Fitzpatrick, Edensburg, Pa.
 Richard Albert Flutem, Bridgeport
 Tomislav M. Gracanic, Cincinnati
 John Chester Handley, Enon
 Roger H. Handwerk, Martinsburg
 Dale Lee Henning, Muslugo
 Edward E. Herderick, Columbus
 Debbie Lynn Hettler, Lorain
 Marie Howard, Rockford, Ill.
 Peter A. Johnson, Columbus
 Keith Alan Knabe, Newark
 Mark Dennis Knowles, Kinsman
 Jan Edward Kronmiller, Columbus
 Judith Ann Ladd, Middleburg Heights
 James Craig Lee, Columbus
 Jerold M. Lenihan, Columbus
 Vincent J. Lombardo, Columbus
 Bruce David Lucas, Canton
 Jeffrey Martin, Columbus
 Christopher A. Mason, Columbus
 Gerald L. Mattison, Columbus
 Kay L. Metzner, Dayton
 Ronald Wesley Miller, Newbury
 Barry Moore, Newark
 Douglas John Murray, Cleveland
 Fredric William Narcross, Columbus
 Felix Joseph Nickle, Martins Ferry
 Timothy James O'Connor, Willoughby Hills
 Charles R. Ogle, Westerville
 Pamela S. Pflum, Columbus
 Mary Kathryn Phillis, Grove City
 Kathleen Rader, Hilliard
 Salvatore J. Ragucci, Columbus
 Mark Douglas Robson, Shadyside
 Larry Michael Rosolowski, Tallmadge
 Brian Allen Ryan, New Philadelphia
 Susan Rydell, East Northport
 Kenneth E. Sale, Columbus
 David Andrew Salvati, Columbus
 John William Schaeffer, Cincinnati
 Morris Stanley Scruggs, Gary, W. Va.
 David Paul Smith, Toledo
 Ronald Theodore Smith, North Canton
 Martha J. Stromberg, Columbus
 Robin Edward Tirpak, Elyria
 Hal Tucker, Wooster
 Paul Tai-Ping Tung, Columbus
 Richard Edward Weisbarth, Fairview Park
 Pamela Joan Weiss, Whitehall
 Aura Lee Whittaker, Worthington

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Six candidates

Thomas Edward Croyle, Columbus
 Robert William Meyer, Columbus
 Dianna Deemer Riggs, Columbus

1 Also Cert.Grad.Dent.Hyg., College of Dentistry

2 Also Bachelor of Music, College of the Arts and Sciences

3 Also Doctor of Dental Surgery, College of Dentistry

Cheryl Ann Dunlap, Saratoga, Calif.
 Frederick William Dunlea, Youngstown
 Sharon M. DuPuy, Portsmouth
 Dianne Elizabeth Durham, Columbus
 April Renee Dwyer, Yorkville
 Kathleen Earley, Wheeling, W. Va.
 Amy Elizabeth Edwards,
 Birmingham, Mich.
 Nancy Ann Elder, North Olmsted
 Patricia Sue Eshman, Marion
 Linda Kathryn Estep, Enon
 Christopher L. Fairchild, Columbus
 Janine C. Fairweather, Shaker Heights
 Nancy Marie Farnlacher, Johnstown
 Ronald Allen Fish, Columbus
 Mark Steven Fishman, Beachwood
 Barry William Fissel, Cincinnati
 Thomas L. Fought, Mansfield
 Cathy E. Franklin, Lyndhurst
 Roger Dean Frase, Orrville
 Terrence Duncan Freeman, Sandusky
 Andrea Friedman, South Euclid
 Elizabeth Wood Galganowicz, Columbus
 Brian D. Galloway, North Ridgeville
 Lou Ann Galloway, Columbus
 Cyndy Lee Gann, Mansfield
 Jayne Lynne Gerdemann, Delphos
 Richard L. Getman, Columbus
 Camille M. Gibson, Elizabethtown, Pa.
 Cathy Denise Gillespie, Reynoldsburg
 Deborah Ann Glover, Cincinnati
 James E. Goodrich, Columbus
 Barry Mark Gordon, Akron
 Yolanda Gordon, Garfield Heights
 Paul Brown Graham, Clarkburg
 Janet Ann Grandey, Edgerton
 Michael William Gruber, Columbus
 Katharine E. Gurney, Columbus
 Donna E. Hagans, Philadelphia, Pa.
 Marion Julia Handley, Reynoldsburg
 Charles Jeffrey Hannah, Sardinia
 Thomas Garfield Hardin, Knoxville, Tenn.
 Matthew John Harrington, Lorain
 Lynda Sue Hart, Warren
 Richard Frederick Hart, Wayne, Pa.
 Mark Richard Hauck, Cincinnati
 Karl Edward Hellstrom, Reynoldsburg
 Edward Douglas Helvey, Newark
 William Arthur Hensel, Columbus
 Michael Richard Herb, Columbus
 Kathy Ann Hesselswardt, Hicksville
 Debra J. Hilliard, Columbus
 David Charles Hindley, Avon Lake
 Sally Pryor Hinshaw, Columbus
 Sally Roszman Hinshaw, Powell
 Christine Jeanne Holdrieth, Columbus
 Mary Grace Holland, Ashland
 Michael J. Holland, Worthington
 Terry Lynn Hollenbaugh, Reynoldsburg
 Terri Sue Holsman, Beachwood
 James Thomas Holt, III, Ironton
 Mark William Holtzapple, Elida
 Laura Swoozy Hoon, Westerville
 Glenn Norman Hopkins, Newark
 Brenda Russell Hopwood, Mt. Vernon
 Susan L. House, Dayton
 Charles Edward Howard, Jr., South Euclid
 Todd Alyne Huber, Parma
 James Scott Huggins, Ashland
 Andrea Reu-el Hughes, Cincinnati
 James Herbert Hurt, III, Columbus
 Linda Louise Huston, Toledo
 Brenda Sue Hutz, Columbus
 Linda Jo Jack, Galton
 Joseph Charles Jackson, Columbus
 Marianne Johnson Jackson, Columbus
 Thomas Andrew James, Columbus
 Lynda Sue Jarrod, Youngstown
 Janice Dianne Jeffries, Columbus
 Brendan Dominic Jennings, Columbus
 James Thomas Booker Johnson,
 Yellow Springs
 Kenneth Dale Johnson, South Euclid
 Russell Neal Johnson, Columbus
 Thomas Hampton Johnson, III,
 New Lexington
 Candace Helen Jones, Worthington
 Richard Dale Jones, Canal Winchester

Rick Alan Jones, Columbus
 Janice Arden Judge, Sylvania
 Steven Carl Judy, Columbus
 David Scott Jump, St. Marys
 Mary Beth Kaman, Norton
 James R. Karpac, North Royalton
 Jeanette B. Kelley, Columbus
 Paula JoAnn Kelly, Greenville
 Kathleen Gayle Kempe, Columbus
 Sara L. Kennedy, Columbus
 Debbie Sue Kessler, Columbus
 Saied Khadivian, Columbus
 Glen A. King, Jackson, Miss.
 Ann Kirlik, Bay Village
 James John Knazek, Solon
 Renée Veronica Koch, Sandusky
 Denise S. Kohn, Columbus
 Lorie Lynn Krech, Columbus
 Perry E. Kreider, Fort Recovery
 John Jeffrey Kundrat, Mansfield
 Cynthia Marie Kyzmir, Lockport, N. Y.
 Barbara Ann Lach, Parma
 Paul David La Pollette, Columbus
 William Anthony LaFramboise,
 North Olmsted
 Nancy Michele Laitman, Youngstown
 Margaret Mary Lampe, Fairview Park
 Ruth Linné Lander, Columbus
 Colette Michele Lee, Lindenwood, N. J.
 Jane Ellen Milligan Leemhuis, Columbus
 Michael Steven Levine, University Heights
 Gary Richard Lindemann,
 Pompton Plains, N. J.
 David Phillip Lindsey, Parma
 Barbara Ann Lizanich, Cleveland
 Susan Lynn Loebfourrow, Delaware
 Timothy S. Lucas, Beallsville
 Gerald Paul Luckhaupt, Columbus
 Susan Barbara Lurie, Pittsburgh, Pa.
 Michael G. Lykens, Port Clinton
 Heidi Jo Lynch, Columbus
 Susan McClain Mack, Columbus
 Marilyn Kay Mackey, New Philadelphia
 Michael Charles Mahaney, Columbus
 John J. Mansoor, Sacramento, Calif.
 Gayle R. Mantel, Freehold, N. J.
 James Kevin Mantel, Columbus
 Andrea Elizabeth Martin, Aurora
 Susan McCabe, Baltimore
 David Virgil Metzger, Columbus
 Timothy A. McCourtie, St. Marys
 Julianna McCullough, Cincinnati
 Charles Martin McDonald, Elyria
 Sean C. McDonald, Annapolis, Md.
 Michael Halstead McKinnon, Kettering
 Thomas David McNaughton, Columbus
 David Virgil Metzger, Columbus
 Artie Cornell Miller, Cincinnati
 Carole Ann Miller, Parma Heights
 Craig Everett Miller, Westerville
 Kristine Louise Moore, Kettering
 William Neil Moore, Xenia
 Laura L. Morgan, Dayton
 Robert Kenneth Morrison, Youngstown
 Robert Bruce Morrison, Coon Hill, Md.
 Laura Eileen Morse, Columbus
 William R. Motley, Columbus
 Michael L. Myers, Columbus
 Stella Jordan Nafziger, Delaware
 Frederick Eugene Near, Jr., Coshocton
 Joy L. Nelson, Ashland
 Mary Christine Nelson, Circleville
 Robert Bruce Nelson, III, Columbus
 Joyce M. Nemeth, Columbus
 Patrick Robert Nixon, Cuyahoga Falls
 Alice Bernadette Noonan, Delphos
 Colleen Sue Oelker, Urbana
 Arthur Hugh O'Leary, Circleville
 Rhyelle O'Riley, Reynoldsburg
 Sheryl Salvatore Ornespe, Columbus
 William Lee Orsborn, Columbus
 Andrea Kay Palmer, Shelby
 Laura Lynn Pappas, Akron
 Constance Helen Pap-Wagner, Columbus
 Michele Karen Passerell, North Canton
 Denise Marie Paul, Hincley
 Maria Christine Peden, Columbus
 Marc Lee Pesselman, Columbus

Marshall Brian Phillips, Piqua
 Jeffrey Joe Pinnick, Columbus
 Kenneth John Pischel, Middleburg Heights
 Robert Thomas Plunkett, Jr., Columbus
 Michael Jay Pocock, Chillicothe
 Lawrence Scott Pollak, North Canton
 Rebecca Anne Pollard, Tucker, Ga.
 Theresa Kaye Porter, Columbus
 Douglas Charles Pricer, Newark
 Terry-Lynn Pruski, Columbus
 Richard Christopher Quinttus, Columbus
 Michael D. Ramsdell, Columbus
 Dorothy H. Rancey, Powell
 Rhonda Elaine Reagh, Mt. Vernon
 Richard Karl Reed, Piqua
 Jeffrey Charles Resnick, Cleveland
 Luans Lu Rex, Harrod
 Janet S. Reynolds, Columbus
 Michael Brad Reynolds, Wilmington
 Max Gregory Rice, Columbus
 Paul Frank Rich, Conneaut
 Elise Kay Richey, Chagrin Falls
 Kathryn M. Rimmer, Columbus
 Gayle A. Roberts, Steubenville
 Lynn Beth Robina, Teaneck, N. J.
 Alan Jay Rogé, Belle Center
 James August Rohl, Hobe Sound, Fla.
 Janis Annette Root, Millersport
 Diane Carol Rose, Toledo
 Isabel Davidge Rowland, Columbus
 Cynthia Marie Roy, Burlington, N. J.
 Daryl Keith Rubin, Toledo
 Florence Anne Sanders, Columbus
 Lisa Ann Sandore, Wooster
 Debra Lynn Schaffner, Baltimore
 Arthur J. Schechtman, Shaker Heights
 Robert R. Scherer, Circleville
 Martin Benjamin Schloss,
 University Heights
 Steve J. Schmidt, Columbus
 Kirk J. Schneider, Pepper Pike
 Andrew A. Schneiderman, Columbus
 Mark D. Schramm, Steubenville
 Kathleen D. Schulte, Columbus
 Angela Faye Seldon, Shaker Heights
 Joanne Marie Sexton, Rocky River
 John Shahinian, Cleveland Heights
 Ronald Charles Shaul, Tiffin
 Suzan Lynn Shepperd, Worthington
 Laurie Lee Springer, Junction
 Kim Stands, Rittman
 Robert Linn Stegall, Columbus
 Debbie C. Steindler, Columbus
 Deborah Ann Stez, Fremont
 Charles Foster Strong, Centerville
 Kathleen Ann Stumpf, Columbus
 Daniel Alan Summers, Columbus
 Adrian Frank Sunday, Columbus
 Pamela Lynn Swart, Kent
 Linda Lee Szilagyi, Columbus
 Katherine A. Tatterson, Galena
 Priscilla A. Taussig, Elkins Park, Pa.
 Michelle Lynne Tedreau, Steubenville
 Barbara Ellen Teetor, Marion
 Edward Hendrik Rudolf Tellings, Columbus
 M. Lonnie Terry, Columbus
 Randy Lee Tester, Greenville
 John A. Thacker, Frankfort
 Robert Jules Theibert, Bexley
 Luther Daniel Thornton, Jr., Columbus
 Steven Craig Tobin, Columbus
 Romée Paulette Touris, Youngstown
 Harry William Trombaitas, Alliance
 Peter Turner, Cleveland Heights
 Deborah Lynn Valenzisi, Youngstown
 Hendrik van der Meulen, Cleveland

1 Also Doctor of Medicine, College of Medicine
 2 Also Doctor of Dental Surgery, College of Dentistry
 3 Also Cert.Grad.Dent.Hyg., College of Dentistry
 4 Also Bachelor of Science in Education, College of Education

James Martin Vonau, Columbus
 Guy Brian Wadsworth, Columbus
 Michael James Wagner, Youngstown
 C. F. Waniewski, Columbus
 David Dean Watanabe, Cincinnati
 James Edward Louis Watson, Columbus
 Katherine Laraine Watts, Edison
 Carmen Anna Weber, Cincinnati
 Margaret Ann Wedge, Grove City
 Rami J. Weisfeld, Shaker Heights
 Douglas M. Weitz, Mentor
 Kimberly Jo Wernz, Columbus
 Margaret A. Whalen, Columbus
 Steven George White, Columbus
 Thomas Daniel White, Big Prairie
 Robin A. Whitten, Canfield
 *Lori Ann Widdoes, Sandusky
 *Amy Wiesler, Sandusky
 *Jennifer Lynn Wiggins, Columbus
 Vida Meadows Wilhelm, Worthington
 Susan Kay Wilson, Columbus
 William Samuel Wilson, Circleville
 Karen Marie Winner, Wooster
 Margaret Anne Winters, Gahanna
 Rita Wissman, Columbus
 Lisa Anne Wiverton, Shaker Heights
 Cecil Wright, Pierpont
 *Anne Louise Wutchiett, Euclid
 Dee Anne Wymer, Findlay
 James A. Yoakum, Columbus
 Carol Ann Young, New Haven, Mich.
 Carolyn Lynn Young, Oberlin
 Mark S. Young, Toledo
 Phillip Albert Zuzolo, Lewisburg

Bachelor of Science

Seventy candidates

Jeffery Lee Bartlett, Macedonia
 *Deborah Lee Bedell, Bowling Green
 Terri Kim Bigley, Reynoldsburg
 Amy Joan Bolenbaugh, Lima
 Amy Marie Brewster, Huron
 Kathleen Frolick Bryan, Worthington
 James David Campbell, London
 George Thomas Clouse, Columbus
 Karl Matthew Criss, Worthington
 Suzette Scarver Dave, Columbus
 Ingrid Mary Diederer, Granville
 Bradley K. Dilman, Hudson
 Kenneth B. Dodge, Dayton
 Lauren Jean Douglas, Worthington
 Pamela Jane Edmonds, Delaware
 Mary Catherine Exline, Columbus
 Steven C. Farina, Gallion
 Deanna Elaine Faulkner, Delaware
 Paul Finlayson, Columbus
 Arthur Daniel Fisk, Galton
 Thomas Richard Fitton, Hamilton
 Leah Michele Fygetakis, Cuyahoga Falls
 Mark Allen Hackman, Reynoldsburg
 David Pierce Harris, Cincinnati
 *Cheryl Anne Hohenstein, Kettering
 Deirdre Estelle Holmes, Fayette
 Jeffery Alan Hopkins, Athens
 Gregory H. Hudec, Columbus
 Michael John Hunyadi, II, Canton
 Stephanie Jo Huston, Ravenna
 Colleen Mathieson Jamora, Marion
 Mary Alice King, Elida
 Robert Stephen Kinsey, Columbus
 Dorothy Ilona Kresz, Seven Hills
 Allan James Laird, Ashtabula
 Joseph Scott Laney, Port Clinton
 Douglas Robert Lundy, Solon
 Elizabeth Marie McGinnis, Columbus
 Marie Carol McGovern,
 West Hartford, Conn.
 Thomas Lee Mirgon, Zanesville
 Teresa Gibson O'Connell, Delaware
 Eric Peterson, Columbus
 David Wheaton Priestley, Columbus
 John Richard Raymond, Uniontown
 Arleen Joy Redlich, Youngstown

John Victor Rush, III, Toledo
 Karen Louise Sacks, Morristown, N. J.
 Paulette Elizabeth Saffie, Wheeling, W. Va.
 Nancy Elise Sagie, Columbus
 Michael R. Schumacher, Cincinnati
 Teresa Ludwig Shilling, Kenton
 D. Kevin Sigmund, Lancaster
 Dennis Wayne Sindel, Columbus
 Johnny S. Smith, Columbus
 David A. Stone, Columbus
 Paul John Sweeney, Columbus
 James Marion Swonger, Columbus
 Kevin Michael Taylor, Columbus
 Arnis Ronald Tolks, Maywood, Ill.
 Mark L. Turner, Yellow Springs
 Craig Douglas Waggoner, Berea
 Diane Carol Wagner, Toledo
 Bruce Allen Weber, Parma Heights
 James M. Weibling, Poland
 David L. White, Columbus
 Tameia Dawn Williams, Fairfield
 Marcia J. Willoughby, St. Marys
 John Andrew Yinger, Glenford
 Thomas D. Zerucha, Toledo

Bachelor of Arts in Journalism

Seventy-four candidates

Clark L. Army, Ohio City
 Carol A. Bauer, Ardmore, Pa.
 Elsie Veronica Bedell, Dayton
 John Joseph Behan, Cincinnati
 Jeffrey D. Bender, Bethesda, Md.
 Ronald A. Bishop, Columbus
 Kelly Brian Blair, Fairborn
 Rebecca Gene Bowman, Germantown
 David H. Britt, Columbus
 Brian Charles Brown, Worthington
 Mary L. Bunnell, Sidney
 Richard Edward Callender, Xenia
 Gary Alan Christy, Ashtabula
 John G. Corby, Logan
 Janet Ann Coy, Geneva
 Carolyn R. Crouch, Columbus
 Paula Kay Daniel, Sharonville
 Thomas P. Del Signore, Watertown, N. Y.
 Kevin W. Donnellon, Cincinnati
 Lawrence William Forsbach, Columbus
 Mark R. Friedlander, Skokie, Ill.
 Kay Fukuda, Columbus
 Mary Lynne Gillespie, Dayton
 Lucinda Jean Godfrey, Dublin
 Phyllis Brown Godfrey,
 Rocky Mountain, N. C.
 John Kerwin Gouch, Columbus
 Melissa Lynn Green, Tipp City
 Cynthia Lou Grosenbaugh, Canton
 Stephen M. Hammersmith, Huron
 Gregory Bradfield Harrison, Columbus
 Julia Harshorn, Chagrin Falls
 Kirk Christopher Hassel, Toledo
 Carol A. Hector-Harris, Columbus
 Justice Bernard Hill, Columbus
 Patricia Kay Hoersten, Columbus
 Karen Jean Imhoff, Circleville
 Mary Ann Iwashita, Kettering
 Cynthia Ann Kallile, Toledo
 Barbara A. Kohler, Euclid
 Kellie Anne Lamone, Gahanna
 Jeannine Lauber, Columbus
 Barbara Jean Lay, Columbus
 Margaret E. Lemcoe, Columbus
 Mark Anthony Leonard, Amherst
 Cynthia J. Lipowitz, Columbus
 Barbara Marsh Lippman, Wilmington, Del.
 Sandra Lyman, Mt. Gilead
 Ellen Marks, South Euclid
 Melissa Kay McCreary, Springfield
 Carson Harold McCurdy, Woodsfield
 Marcy Ellen Meckler, University Heights
 Sheryl Ann Miller, Huron
 Ethel Barbara Mokhiber, Pittsford, N. Y.
 Robin Lee Morris, Carroll

Timothy M. Novotny, Lorain
 Nicholas Perrie, Columbus
 Douglas Young Peters, Mayfield Village
 Robert William Prosser, Columbus
 Mark Allan Rawdon, Columbus
 Caroline S. Rostański, Rocky River
 Robert Jay Rudinger, Columbus
 Mark D. Rudner, Canton
 Jerry Dean Shriver, Ashland
 Margaret A. Smith, Medina
 Earl Evert Steffensen, Barberton
 Jeffrey N. Trimble, Worthington
 Gary Lee Watkins, Columbus
 Marsha Marie White, Cleveland
 Sandra K. Wies, Lima
 Kathryn Louise Williams, Toledo
 Richard Stacey Wofford, Toledo
 Lois Rea Short Worley, Lithopolis
 Frederick John Wyman II, Findlay
 Ilene Susan Zeldin, Columbus

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

Four hundred and seventy candidates

Wayne Carl Adair, Mansfield
 James Marrion Adkins, Oakhill
 John Richard Adzema, Akron
 Gregory Albertson, Columbus
 Harry William Altvater, Columbus
 Lauri Ann Anderson, Barberton
 Sherie Dee Anderson, Columbus
 John Patrick Andrews, Rocky River
 David M. Angel, Toledo
 Phillip Michael Armstrong, Columbus
 James Richard Arnold, Columbus
 Terri Ann Asch, Lorain
 Mark Richard Ashley, Mansfield
 Philip Dennis Axelrod, Lyndhurst
 Kathleen Ann Bahen, Avon Lake
 Bradley Donald Bahr, Lexington
 Carolyn Sue Bainter, Lancaster
 Craig A. Baldridge, Columbus
 David William Ballinger, Centerville
 Donald Lee Barnett, Westlake
 Richard Alan Barnett, Canton
 Lisa D. Bartlett, Worthington
 Dale L. Beck, Lakeview
 Robert C. Becker, Columbus
 Walter L. Beiler, Cleveland Heights
 Patricia Stalzer Bendick, Bedford
 Robert Scott Bendure, Columbus
 Marie Louise Berry, Columbus
 Craig Benjamin Berson, Beachwood
 Robert Michael Berwanger, Columbus
 Jeffrey Douglas Binder, Findlay
 Richard Neil Bishop, Jr., Findlay
 Jeffrey Black, Columbus
 Steve Glenn Black, Columbus
 Robert John Blackledge, Canton
 Bradley John Blank, Mansfield
 Thurl Kevin Blume, Minford
 James Laurence Bolt, Westerville
 Peter Alan Bonfini, Bellaire
 George Boyadjis, Mento
 Kevin Gerard Bradley, Solon
 Cynthia Sue Brown, Morral
 Kimberly Sue Brown, Kettering

1 Also Cert.Grad.Dent.Hydz., College of Dentistry
 2 Also Bachelor of Science in Education, College of
 Education

Mark Edwin Brown, Steubenville
 Victor Carl Brown, Dayton
 John David Brozovich, Flushing
 Kent Arthur Brumbaugh, Englewood
 Michael Lee Bruns, Kettering
 John Milton Bryant,
 Washington C. H.
 Kathryn Gail Buker, Los Angeles, Calif.
 Jill Joanne Burch, Columbus
 Jon Skylar Burgess, Columbus
 Donald Eugene Butler, Columbus
 John Clarke Byrnes, Upper Sandusky
 John Francis Cadden, Canton
 Kevin Nathan Callan, Poland
 Susan Ann Callos, Youngstown
 Cecelia Louise Campbell, Brecksville
 Sandie Cannon, Cleveland
 Joseph Frank Casagrande, Columbus
 Dana Alan Case, Parma
 Karen Lynn Chapman, Dayton
 James Gregory Charles, Zanessville
 James Poul Chievtz, North Canton
 Irene Mary Chmielewski, Fairborn
 Philip Victor Clark, Hebron
 Ross Korder Climo, Euclid
 Michael Vincent Clipper, Strongsville
 Alan Barton Clonch, Columbus
 Robert A. Clyse, Ironton
 Philip Robert Cochran, Danville
 Nancy Anne Collinson, Cleveland
 George Jeffrey Comstock, Warren
 James Kraft Conkle, Marion
 Richard Lee Conrad, Gibsonburg
 Anthony P. Cook, Columbus
 Anne Elizabeth Costello, Mentor
 Dennis Joseph Coughlin, North Canton
 Edward R. Crater, Coshocton
 George Travis Cribbet, Columbus
 Bruce Robert Croteau, Sandusky
 Jon Mark Crouse, Salem
 Jeffrey Alan Cunix, Youngstown
 Danny Lynn Cunningham, Sardis
 Thomas Victor Curto, Euclid
 Thomas James Dahlhausen, Parma
 Gerald Blair Davis, Worthington
 Linda Sue Day, Columbus
 Dan Lee DeWolf, Newark
 Daniel Anthony DiCarlo, Scarsdale, N. Y.
 Donald Lee Diebert, Marion
 Thomas Dale Dimond, Central Lake, Mich.
 Robert Michael Dodez, Akron
 Marja Kay Dodge, Lima
 Charles Acie Dotson, Shelby
 Karlis Janis Draulis, Conneaut
 Hans Daniel Dreyer, Columbus
 David John Drysdale, Kettering
 Douglas David Duwe, Richmond Heights
 Scott Allen Easton, Canton
 Robert Joe Eckart, Madeira
 Nicholas Stephen Ecos, Tiffin
 Eddie Gene Edwards, Springfield
 Sylvia Renate Effer, Mansfield
 Craig George Eisner, Cheshire, Conn.
 John Mark Eitzroth, Jamestown
 Lynnette Kay Everett, Dover
 Harry James Eyster, Cincinnati
 Curtis Lee Fackler, Mansfield
 Anthony Albert Felici, Berea
 Janet R. Ferritto, Grove City
 Nicholas Michael Ferry, III, Mineral City
 Charles Everett Filbin, Columbus
 Gregory John Filo, Middleburg Heights
 Ingrid Jane Flis, Cincinnati
 Harry Brent Foster, Belleville
 Gary Alan Fisher, Gratiot
 James Timothy Fisher, Columbus
 Stephen Henry Fitzer, Columbus
 Allan John Foltz, West Chester
 Anne Leonard Ford, Rocky Hill, Conn.
 Scot Allan Foster, St. Clairsville
 Kurt Lee Fowler, Lisbon
 Mark Alan Fritz, Warren
 David George Frohnape, Ashtabula
 Pamela Ann Fudge, Columbus
 Perry Joseph Gaal, Worthington
 Alison Ann Gannon, Cleveland
 George Louis Gastel, Broadview Heights
 Charles William Gehring, Columbus

Jeffrey Lee Geiser, Harrod
 Charles Robert Giesler, Holgate
 Frank Gifford, Jr., Marion
 John Franklin Gill, Columbus
 Michael Edward Gillaugh, Dayton
 Jerry Alan Gilliland, Wayne
 Charles Andrew Gillman, Farmersville
 Joseph Vincent Gioffre, Columbus
 Patricia Lynn Gladys, North Royalton
 Paul Richard Glatte, Oceanside
 Frederick Stephen Glover, Chillicothe
 Susan Lewis Goehring, Kettering
 Steven Kent Good, Columbus
 Mark David Goren, Beachwood
 Ronald Scott Gragreen, Lyndhurst
 Elise Joy Greenberg, Sioux City, Ia.
 Mark Allen Griffin, Columbiana
 Jeffrey Wayne Grimm, Richmond
 Barry D. Gritton, Toronto
 Kenneth Groom, Barberton
 Richard D. Gross, Westerville
 Ralph Lee Guarasci, Columbus
 Irwin Gary Haber, Cleveland
 Peter Bosch Hagan, Toronto
 Robert Edward Hale, Columbus
 Stephen Alan Haller, Worthington
 Philip John Halley, Huron
 Ernest Hanshaw, Niles
 Jeffrey Lynn Hardesty, Columbus
 Jeffrey Allan Harr, Circleville
 Curtis Lee Haskins, Marietta
 Fred Clifton Hawk, Logan
 John Edward Hawn, Ashtabula
 Mary Ann Helmick, Akron
 James P. Heintschel, II, Maumee
 Diane Lynn Heintz, Columbus
 Craig Allan Henderson, Columbus
 Douglas Gene Hensel, Strasburg
 James McNeill Henshaw, Cuyahoga Falls
 Patricia Ann Hatfield Hickey, Columbus
 Debra Hill, Cleveland
 Jeffrey Earl Hilyard, Aurora
 Jeffrey Earl Hittle, Greenville
 David Allen Hlavac, Euclid
 David George Hoffmann, Perrysburg
 Harry Tobias Hollander, Canton
 Joseph Francis Hook, Crestline
 David Gordon Hoopes, Mantua
 Richard Lorrell Hudson, Coshocton
 Brian Carr Huegel, Marion
 David Louis Huelsman, St. Henry
 Kevin M. Huey, Kettering
 Richard Myron Hunt, Columbus
 Robert Lee Hylton, Columbus
 Dakoru D. Ikiroma-Owiye,
 Port Harcourt, Nigeria
 Aderwole Ajibola Ige,
 Ife, Ondo, Nigeria
 Charles Dale Ingle, Cleveland
 William Dean Jackson, Cuyahoga Falls
 George London James, New York
 Stacy Kay Jamison, Worthington
 Jeffrey Ross Jarboe, Worthington
 Harold Eugene Jenkins, Columbus
 Todd Robert Jindra, Aurora
 Vernon Dale Johnson, N. Lewisburg
 Jeffrey Douglas Jones, North Canton
 Richard Jordan, Jr., Cincinnati
 Robert Elwood Jordan, Columbus
 Richard Jue, Euclid
 Edmond Forrest Kaptein, Indianapolis, Ind.
 Karen Marie Karg, Strongsville
 Steven Mark Kalko, Columbus
 Thomas Regis Keane, Worthington
 Melissa Ann Kegerreis, Dayton
 Paul Eugene Keller, Brecksville
 Kathleen Kempert, Euclid
 Glenn Eugene Kershaw, Jr., Madison
 Bradley Eugene Kinnell, Columbus
 Margo Marie Klein, Centerburg
 Charles Edward Knapp, St. Clairsville
 Thomas Robert Kottensette, Columbus
 Sherry Ellen Krasney, University Heights
 Jeffrey Martin Kuehn, Columbus
 John Timothy Kuhn, Wapakoneta
 Gary Allen Kunze, Columbus
 Alfred Alexander Lach, Westerville
 Barry Shannon La Fone, Columbus

Alexander Christie Lambrinides, Cincinnati
 Paul James Lapworth, Newark
 Michael Edward LaRocco, Parma
 Robert George Laughlin, Cincinnati
 Jeffrey Alan Lawson, Rossburg
 Michael Ray Lawson, Rossburg
 Robert Douglas Lawson, Jr.,
 Washington, D. C.
 Douglas William Leber, Flemington, N. J.
 Grace Ping Lee, Columbus
 Kathy Ann Lehmann, Lima
 James Walter Lemmon, North Canton
 William Robert Lemons, Jr., Wheelersburg
 Wesley Mark Leonard, Oregon
 Joseph William Leone, Columbus
 William Edward LeRoy, West Seneca, N. Y.
 Craig Meredith Lewis, Massillon
 Linda Lou Liming, Springfield
 Lori Jean Linder, Norfolk, Va.
 Allen Ray Linebaugh, Columbus
 John Robert Link, Coldwater
 James Francis Litzinger, Westerville
 Thomas Philip Locke, Alexandria, Va.
 William Whitsett Luce, III, Hanoverton
 George Randy Mackall, Wellsville
 Andrew Neil MacKay, Columbus
 Michael Joseph Macurak, Columbus
 Robert Torrey Madden, Hudson
 Michael J. Mahoney, Columbus
 Scott Henry Mantyla, North Canton
 Mark Steven Marinik, Lorain
 David Anthony Marino, Lorain
 Jeffrey Norman Marlowe, Greentown
 Philip Alan Marneck, Seven Hills
 Jack William Marquardt, Brooklyn
 William Vores Martin, Kettering
 Monica Marie Massa, Lexington
 Robert Andrews Mattimore, Toledo
 Johnny Edward May, Cardington
 Kimberly Ann McCluskey,
 South Bend, Ind.
 Charles Thomas McConnell, Milan
 George Robert McCue, Lorain
 Howell Dalton McCullough, III, Dallas, Tex.
 Kristine McJaid, Cherry Hill, N. J.
 Donald Wayne McFall, Jr., Toronto
 John William McGrath, Parma Heights
 Jeffrey Dwain McGuire, Caldwell
 Heather Kathleen McIntosh, Madison
 William Andrew McKe, Columbus
 Suzanne Trewhitt McLaughlin, Willoughby
 Mark Allen McNett, Lima
 David Ronald McVay, East Liverpool
 Thomas Frederick Means, Columbus
 Richard George Medich, Steubenville
 Philip Scott Mehall, Shelby
 Mark Paul Mehill, Parma
 Charles Louis Merceky, Cleveland
 Kenneth Edward Meszaros, Fairview Park
 David Grod Metz, Lyndhurst
 Richard A. Meyers, Medina
 Charles Michael Miller, Dublin
 Jonathan Mitchell Miller, Bay Village
 Patrick Steven Miller, Columbus
 Richard Barry Miller, Columbus
 Ronald David Miller, Defiance
 Gary Ming, Great Neck, N. Y.
 Jeffrey Kemp Mise, Bellefontaine
 Robert Walter Mishowsky, Clifton, N. J.
 Ronald Mitchell, Cleveland
 Brian Lee Modic, Euclid
 Richard James Moody, Kettering
 Timothy John Moore, Larchmont, N. Y.
 Johnathan Daniel Mortenson, Columbus
 Sandra Jane Moser, Masontown, Pa.
 Patricia Ann Mulcahy, Columbus
 Larry Eugene Mustard, Cincinnati
 Mark Richard Munsell, Columbus
 Allen Jay Mutzig, Berwyn, Pa.
 Steve J. Myzrant, Columbus
 John Alfred Nachtergal, Berea
 Victor J. Narusas, Euclid
 Richard Carl Needles, Columbus
 Douglas Edward Nofziner, Oregon
 Blaine Harold Norris, Montgomery
 Ralph Anthony Nunez, Struthers
 Dolores M. O'Brien, Bellevue
 Robert Earl Oeters, Cincinnati

Leslie Ann Olszewski, Dayton
 Jeffrey Lee O'Neill, Olmsted Falls
 Paula Renee Orisek, Cleveland
 Jose Ignacio Ospina-Mazuera,
 Bogota, Colombia
 Pamela Sue Palmer, Fredericktown
 John Isaac Pargeon, Jr., Mt. Vernon
 Andrew M. Parker, Chagrin Falls
 James Lawrence Parker, Woodmere
 Laurie Ann Parkinson, Euclid
 Denise Diane Paugh, South Vienna
 Bruce Michael Pearlman, Cleveland
 Dean Anthony Pedon, Columbus
 Heidi Joy Pervin, Toledo
 David A. Petersilge, Cuyahoga Falls
 Michael Sherman Petti, Columbus
 Steven M. Pettler, Beaver Falls
 Edward Martin Pfaltzgraf, Findlay
 James Michael Phipps, North Canton
 Janet Louise Pierce, Lima
 Robert Anthony Pinter, Seven Hills
 Richard Edward Pirkko, Boardman
 Brad Lee Pospichel, Columbus
 Katherine Rossel Postle, Columbus
 John E. Powell, Alexandria
 George Theodore Poyar, Jr., Rome
 Thomas Christopher Prentice, Columbus
 Sandra Ann Quinzel, Whitehall
 Scott Cornelius Ranney, Kirtland
 Jennifer Jane Ralph, Zanesville
 Edward Anthony Reik, Columbus
 James M. Reynolds II, Terre Haute, Ind.
 Jan Ann Rhee, Sidney
 Gregory Lee Rhine, Lima
 Nancy Bill Richards, Portsmouth
 Michael Elliot Richman, Beachwood
 Rodney Allan Rickabaugh, Shreve
 Stephen Edward Riegel, Jackson
 Ellen McGary Rill, Dayton
 Carol Denise Robinson, Cleveland
 Alvin Charles Rodack, Red Bank, N. J.
 Anne M. Roesch, Columbus
 William Donald Rohrer, Canton
 David Allen Rose, Wellington
 Mark Arnold Rosenberg, Shaker Heights
 Kevin Dale Rosenstein, South Euclid
 William Mark Rothenberg, Cleveland
 Gregg Lee Rothermund, Columbus
 Richard Thomas Rothmund, Wadsworth
 Shawn Elizabeth Rudy, Cincinnati
 Richard Alan Russ, Westwood, Mass.
 Mark Edward Ryan, Fairborn
 Scott W. Saffell, Worthington
 Mary Jo Salay, Medina
 Robert Salmen, Mansfield
 Steven Edward Salyer, Columbus
 Wayne Thomas Sandy, Gomer
 Jayne Marie Sassano, Akron
 Kurt Carson Sawyer, Ashabula
 Donna Lee Sawan, Brooklyn, N. Y.
 Irwin Robert Schechter, Commack, N. Y.
 Susan Jean Schmidt, Lima
 Toby Lynn Schneiderman, Akron
 Jean Rabe Schottenstein, Cleveland
 Gordon Murray Schwartz, South Bend, Ind.
 Janet Marie Schwartz, Fremont
 Kirby Carlson Schwelke, Lakewood
 Donald John Scott, Richmond Heights
 Gary W. Segal, Pittsburgh, Pa.
 Anthony Phillip Sestito, Columbus
 Robert Joseph Sexauer, Toledo
 David Michael Shealy, Tiro
 Robert Owen Shimmim, Avon Lake
 Thomas Scott Shirk, North Canton
 Barbara Lynn Shiver, Columbus
 Andrew Brian Shoup, Troy
 David Michael Showe, Columbus
 Larry Edwin Shumaker, Bucyrus
 David Lee Shumar, Massillon
 Robert Keith Simon, Parma
 Jeffrey Alan Stott, Columbus
 Terry Carol Smetzer, Wooster
 Cathie Ann Smith, Troy
 David Nelson Smith, Zanesville
 Dwight Eric Smith, Dayton
 Gerald Frederick Smith, Grafton
 Theodis Smith, Toledo
 Tracy Warren Smith, Rocky River

Bradley L. Snyder, Lexington
 Juliana Lee Snyder, Parma Heights
 Jerome Glenn Solowe, Westerville
 Paul Michael Sonnhalter, Canal Fulton
 Joseph Peter Sorg, Defiance
 Colleen Alicia Spencer, Chevy Chase, Md.
 Terry Scott Spencer, Columbus
 John Roderick Spittle,
 Niagara Falls, Ont., Canada
 Randall Paul Sroczynski, Maineville
 Stuart Michael Stafman, Beachwood
 James Richard Stainbrook, Worthington
 Ellen Theresa Staubach, Cincinnati
 Lynne Adele Stebens, Columbus
 John Thomas Stelzer, Celina
 Christine J. Renner Stewart, Zanesville
 John Alan Stiles, Lima
 Dennis Steven Stillwell, Wellsville
 Bryan Allen Stocker, Gnadenhuetten
 Anthony John Stojak, Steubenville
 Dean James Storer, North Olmsted
 Phillip Wayne Stotz, West Unity
 Paul Raymond Streibig, Columbus
 Valda Marie Strong, Cleveland
 Lee Ian Sturman, Beachwood
 Michael George Sudsina, Huron
 Luther Blain Sutherland, Westerville
 Alan James Sutton, Bedford
 James Robert Swain, Wadsworth
 Jeffrey David Swanson, Louisville
 Kenneth John Switzer, Columbus
 Betty See Tan, Quezon City, Philippines
 William Evans Tanner, Columbus
 Robert Charles Taylor, Columbus
 Gary Allen Thomas, East Liverpool
 Alan James Thomas, Cincinnati
 Victoria Lynn Thomas, Bolle Valley
 Terry Wayne Tipple, Columbus
 John David Titus, Marion
 Gregory Joseph Tobergte, Hamilton
 Amy Lynne Troxell, South Charleston
 Joy Hailey Tucker, Columbus
 Richard Scott Uehlein, Lorain
 Richard George Ueltschy, Columbus
 Daniel Thomas Unterbrink, Van Wert
 Suzanne Valko, Mentor
 Ellen-Augusta Vance, Columbus
 Bruce Stephen Velt, Bellaire
 Mark R. Volsky, Beachwood
 Norbert Anthony Vorst, Kalida
 Ellen Kay Vosler, Worthington
 Kim Sloan Wadsworth, Sylvania
 Daniel Jacques Wajahn, Euclid
 Barry James Waters, North Olmsted
 Gene Mikek Watson, Dayton
 Christopher Anthony Weaver, II, Leetonia
 Richard Arthur Weinstein, Canton
 Craig Alvin Weisheimer, Columbus
 James Wesley Wells, Balla, Ill.
 Orna Wexler, Tel Aviv, Israel
 John David Wheeler II, Caldwell
 Jeffrey Thomas White, Columbus
 David Huston Williams, Mt. Gilead
 Nancy Jean Williams, Columbus
 Robert Sutton Williams, Westerville
 Jill Adams Willis, Washington C. H.
 David John Willey, Massillon
 Dwight Thomas Wilson,
 Irlington, Ont., Canada
 Michael August Winigman, Columbus
 Leslie Robin Wolfe, Columbus
 Larry Lee Wolbert, Hilliard
 Wayne Keith Yernan, Columbus
 George Allen Young, Euclid
 Kenneth Stanley Zolichowski, Columbus
 Dean Zientni, Parma
 Peter W. Zimmerman, Bay Village
 Terry Lynn Zurcher, Wilport

Bachelor of Science in Labor and Human Resources

Five candidates

Lori Marie Carpenter, Columbus
 Charles A. Farrell, Columbus

Bruce Philip David Kupper, Toledo
 Linda Elaine Tawil, Mentor
 Mark Nelson Woyar, Broadview Heights

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Three hundred and four candidates

Mark Robert Ackerman, Oregon
 Steven Wayne Allshouse, Columbus
 Thomas Joel Althouse, Harpster
 Ronald Carl Anders, Columbus
 Richard Keith Ansley, Columbus
 Donn William Appelman, Wooster
 Amy Elizabeth Artrup, Kingdon
 Meriette Elizabeth Arwady, Columbus
 B.S. (York College of Pennsylvania)
 Ricky William Baker, Celina
 James Thomas Ball, Bellevue
 William Todd Barnett, Warren
 David Carroll Barrett, Jr., Vincent
 Robert William Baughman, Jr., Youngstown
 Timothy Edgar Beathard, London
 Lynda Darlene Beatty, Dayton
 Ted Frank Beckman, Minster
 Stephen Edward Belcher, Columbus
 Marsha Marie Berls, Columbus
 Carol Lynn Bieberbach, Newark
 Jeffrey Norden Bilkert, North Canton
 Joy Faith Bishop, Columbus
 Diana Laver Bowman, Columbus
 B.S. (Miami University)
 Bruce Allen Bradley, Columbus
 Thomas Edward Bratton, Danville
 Dennis Robert Breining, Brecksville
 Jane Ellen Briggs, Gambier
 Brian Keith Brill, Milford Center
 Mark Alan Brohard, Ray
 George Malcolm Brooks, Bluffton
 Karl David Buck, London
 Gerald Eugene Bunnell, Fredericktown
 Harlan Edward Burk, Columbus
 B.S. (Concordia Teachers College)
 Marilyn Anne Burns, Plain City
 Jeff Eugene Byers, Loudonville
 James Stephen Cahoon, Ashland
 Katherine Jean Campbell, Pataskala
 Christopher Webb Clark, Dayton
 John Robert Clawson, Columbus
 A.A. (New York University)
 Terence Wetzel Clay, Jackson
 Patricia Joanne Clifford, Elyria
 A.G.S. (Lorain County Community
 College)
 Kathleen Coffman, Columbus
 Richard Conte, Richmond Heights
 Robert Roudinot Scott Cook, Columbus
 Sharon Elizabeth Cooper, Lucas
 Ian Michael Cowie, Uniontown
 Patricia Ann Coyle, Kettering
 John Heber Cramton, Martinsville
 John Gerard Craven, Columbus
 Susan Rose Croech, Dayton
 John Raymond Crossnock,
 Canal Winchester
 Mary Sue Cunningham, Columbus
 David John Dannaher, Columbus
 Timothy Alan Davey, Findlay
 Laura Kay Davis, Logan
 Michele Elaine Deam, Springfield
 Thomas Lee Dickman, New Bremen
 Douglas Roland Diefenthaler, Columbus
 Harry Timothy Dixon, Shreve
 Paula Byrd Donahue, Keene, N. H.
 Mark Allen Dorow, North Ridgeville
 Beth Anne Dorrance, Mingo Junction

Michael Shelton Dougan, Columbus
Steven Michael Dougan, Columbus
Ronald Ray Dukes, Mt. Cory
Jerome Anthony Ebert, II, St. Clairsville
Daniel Eugene Ebert, Cardington
James Richard Ellis, Tiffin
William Ellis VIII, Tiffin
Thomas LeRoy Engelhaupt, Quincy
Laura Jean Eriksen, Columbus
Holly Jo Espenschied, Dover
Kenneth Bryan Farwell, Dayton
Joseph Lee Feldhaus, Cincinnati
Charles Paul Ferroni, Hayesville
Candace Kay Fisher, Columbus
Pamela Susan Fisher, Canton
Warren Stanley Fisher, Sabina
Kirk Wesley Fortest, Tiffin
Donald Kenyon Freeman, Columbus
Jayne Marie Froning, Cincinnati
Richard Allen Frueh, Lima
Cynthia Marie Gaboricz, Parma
Melanie Sue Gates, Baltimore
Beth Martha George, Defiance
Denise Ann George, Paulding
Nancy Carol Gerstner, Columbus
Chris Wollen Gilbert, Greenville
Linda Ann Giles, Edison, N. J.
Margaret Ann Gillette, Perrysburg
Robert Craig Godden, West Jefferson
David Jay Goldenberg, Brooklyn, N. Y.
Michael Alan Goodman, Lincoln Park, N. J.
Melissa Anne Gorte-Koenig, Columbus
Joel Michael Gottlieb, Elyria
Patrick Leland Graham, Xenia
Mark Hamilton Greiner, Columbus
Carl Lewis Grilliot, Versailles
Leslie Jane Guyton, Akron
Pamela Sue Hall, Columbus
Joseph Heywood Harrison, Mt. Vernon
Scott James Hartie, Westerville
Jeffrey Scott Harvey, Springfield
Louise Marie Hayek, Seven Hills
Beverly Lou Hayes, Warren
Peter Conrad Hazel, Wakeman
Debra Susan Hedge, Cumberland
Richard Allen Hendershot, Lore City
Tracy Brian Hendrickson, Centerville
Cathy Kay Heston, Kimbolton
Bonnie Luella Hirsch, Lakeside
David Gene Hiser, Milledgeville
Daniel Geoffrey Hodze, Wooster
Charles Lee Holzer, Vestal, N. Y.
A.S. (York College of Pennsylvania)
Janet Lee Houser, Marion
Larry Maynard Huber, Bluffton
Ann Susan Huling, Westerville
Randall Gunnard Hulberg, Perrysburg
Jay Henry Hyland, Englishtown, N. J.
A.S. (Burlington Community College)
Rodney Lee Imbrock, Defiance
Roger Rudolph Inkrott, Leipsic
Scott Glenn Jenks, Jeffersonville
Gregory Craft Johnson, Delaware
Janet Garwick Johnson, Pataskala
Janet Elaine Jones, Circleville
Terry Fraser Jones, Chardon
Thomas Joseph Kamenik, Perrysville
Andrew George Kartal, Cincinnati
Larry Paul Kauffman, Loudonville
Glenn Allen Keck, Mansfield
Patrick William Kelleher, Dayton
Lova Berniece Kenn, Bethesda
Mark Sherman Keener, Bowling Green
David William Kindell, Reynoldsburg
Monica Marie Kmetz, Lakewood
Curtis Lynn Knipe, Crooksville
Michael Joseph Kohan, Parma
Alan Michael Kovacic, Parma
Mary Kathleen Kral, Parma Heights
Joy Brenda Krell, Dayton
Elizabeth Ellen Ladrach, Wooster
Stephen Alan Lambert, Columbus
Mark Allen Landefeld, Woodsfield
Ronald Joe Laparo, Mansfield
Gerald Richard Latta, Wickliffe
Michael Wade Laughrey, Columbus
Michael Louis Lieb, Conneaut

Sheryl Joyce Lieberman, Cleveland Heights
Kurtis Dale Liljeborg, Cleveland
Robert Findley Lindsay, Massillon
David Robert Little, Grove City
Jeffery Bruce Locker, Passaic, N. J.
Curtis Allan Loeb, Cleveland
Duane Donald Logan, Farmdale
Ted Ervin Logan, Mt. Gilead
Eric Lewis Lorenz, Springfield
Douglas Don Loudenslager, Morral
Marc Lothair Lumpkin, Spring Valley
Kenneth Lee Lynch, New Carlisle
Brian Kevin Maddy, Fremont
Kirk Arnold Markovitz, Cincinnati
Dean Peter Martin, Salt Lake City, Ut.
James Lee Martin, Seville
John Leslie Martin, Wooster
Richard Edward Martin, Newark
Sandra Ursula Martin, Westerville
Timothy Stephen Massie, Gallipolis
Harold James Mathews, Kinsman
John Michael Maul, Mansfield
Kathleen Lee McCarty, Columbus
Denis Joseph McCausland, Akron
Stephen Lee McClaskie, London
Paul Lawrence McKinley, Columbus
Lisa Robyn Meltzer, Fair Lawn, N. J.
Charles Harris Michler, Jr., Lexington, Ky.
*Anita Maria Migday, Kettering
Calvin Jay Miller, Fayette
Francis Xavier Miller, Tiffin
Kevin Lee Miller, New Albany
Ross William Miller, Crestline
*Karl Bryant Milliren, Cuyahoga Falls
*Maribeth Moross, Ashtabula
Kathleen Mary Motycka, Ironton
Elizabeth Ann Moulton, Orono, Me.
A.S. (University of Maine-Orono)
James Albert Mueller, Cincinnati
Donald Harold Mundy, Oakland, N. J.
Mary Alice Musgrave, Forest
Gregory John Nemes, Columbus
Danny Paul Nethers, Newark
Kenneth Douglas Neuzil, Cleveland
*Mark Joseph Newman, Seville
Gregory Albert Noll, Lancaster
Kerry Rupert Oberlittner, Kenton
Thomas Anthony Obreza, Euclid
David Thomas O'Brien, Dayton
Richard James O'Donnell, Columbus
Diane Susan Olson, Columbus
David Edward O'Neil, Kettering
David Gordon Orr, Columbus
Carol Javne Osborne, Columbus
Charles William Oyster, Mt. Vernon
Ruth Pauly, Cincinnati
Lynda Ryan Pealer, Ostrander
R. David Pearl, Powell
Vicki Lynn Peters, Westerville
Catherine Jean Petersen, Columbus
James Anthony Phipps, Cincinnati
Jeffrey Dean Pittis, New Philadelphia
Mary Nedette Place, Tiffin
Michael James Planton, Warren
Jody Lynn Pohl, Snyder, N. Y.
Brent Rinner Porteus, Coshocton
Amy Beth Posch, Cleveland
Joan How Potter, Columbus
Gayle Suzanne Poulsen, Strongsville
Karen Dianne Price, Columbus
Kenneth Allen Pritt, Chardon
Mark Robert Quinn, Bucyrus
Laurence Scott Raskin, Spring Valley, N. Y.
Gary Karl Rauschkolb, North Royalton
A.A. (Cuyahoga Community College)
Adam Willibrudus Ravestien, Dayton
Philip Richard Reeder, Butler
Dean Alan Reynolds, Columbus
Timothy James Rice, Cleveland
Jeffery Alan Richman, Beachwood
Terry Lee Ridenour, Hagerstown, Md.
A.A. (Hagerstown Junior College)
Thomas Arch Robertson, Gatesmills
Robin Link Roeser, Newark
Ann Edith Roggenkamp, Dayton

Matthew Amadeo Rollins, Millbrook, N. Y.
A.A.S. (State University of New York-
Alfred)
Julia Ann Rout, Columbus
Judith Nan Rukin, Pepper Pike
Andrew Charles Sacksteder, Fostoria
Susan Eileen Sapecki, Columbus
Craig Francis Sarver, Marietta
James Mitchell Sass, Port Clinton
David Russell Saunders, South Vienna
Joletha Marie Sberna, Bellevue
Paul David Schoelman, Grove City
Rosalee Sue Schutte, Columbus
Paul Allen Schwartz, Norwalk
Kathleen Marie Serkownek, Kirtland
Luan Shehu Shaban, Mansfield
Steven Douglas Shannon, Irwin
Bradley William Sharp, Columbus
Rodney Allen Short, Vincent
Gregory Scott Shull, Lancaster
Dierdra Joan Siekkinen, Warren
Gailen Paul Slutz, St. Paris
Claire Maureen Smith, Uniontown
Nevin Ray Smith, Bellefontaine
William Allen Snashall, Grove City
Clay Hurd Snelser, East Cleveland
Steven Leslie Specht, Dover
Joseph Buchanan Stafford, Columbus
Richard Allan Starr, Washington C. H.
*Sherry Lee Stauffer, Ashland
Donna Christine Stavick, Poland
Edward Joseph Steinberger, Fremont
James David Steritz, Lynchburg
David Lee Stiles, Wapakoneta
Robert Stone, Pepper Pike
Eric Dean Strouse, Millersburg
Patricia Marie Sweeney, Marysville
Laura Lee Swisher, Worthington
Patricia Ann Tavener, Newark
Kevin Sauter Thacker, Carlisle
Debra Lee Thompson, Nuteley, N. J.
Jeffrey Anthony Tomiski, Vandalia
Victor Thomas Tope, Mt. Sterling
Judy Lynne Townsley, Cedarville
Daniel Raymond Tresko,
Middleburg Heights
James Edward True, Solon
Donald Victor Ververka, Solon
John Charles Vogel, Columbus
Dale Edward Wack, Harmony, Pa.
Kevin Jeffrey Wall, Columbus
Richard Burton Wall, Columbus
James Gerard Walsh, Dayton
Richard Workman Wander, Columbus
Nelson Eugene Ward, Jerusalem
A.A.S.
Donald Lee Warren, Leipsic
William Mark Weaver, Cawfield
Klaus Weber, New Philadelphia
Douglas Frederick Weich, Seven Hills
Gregory Earl Welbaum, Covington
Douglas Paul White, Columbus
Barbara Elaine White, Sidney
Charles Edward Widney, Sidney
Karen Lee Willardson, Lexington
Kathleen Sharon Wilmer, Fairfield
*Gary William Wilson, Jenera
William Allen Wilson, London
Tamra Lynn Wiseman, Gallipolis
John Clayton Wright, Clarksville
Donna Marie Wyman, Columbus
Cathy Ann Yarger, Tipp City
Deborah Lynne Young, Ansonia
Ruth Christine Zorn, Columbus
Anita Marie Zurbrugg, Columbus

* Also Master of Science, Graduate School
† Also Doctor of Veterinary Medicine, College of
Veterinary Medicine

Bachelor of Science in Food Science

Thirteen candidates

Lyle Wayne Clem, Bucyrus
Joseph James Dimatteo, Miamisburg
Mark Anthony Galletta, Struthers
Charles Patrick Grover, Jr., Columbus
Stephen Thomas Keenan, Woodbridge, Va.
Julia Ann Knaggs, Wayne, N. J.
John Winslow Larkin, Columbus
Susan Julia McCleery, Richmond
William Lawrence Schreiber, Columbus
Stephen Frederick Singer, Pittsburgh, Pa.
David Allyn Smith, Lancaster
John Charles Talbert, Rayland
Neal Richard VanDegrift, Columbus

Bachelor of Science in Food Technology

Seven candidates

Ann Albrycht, Sandusky
Linn Elizabeth Briner, Columbus
Jeffrey Allen Buchs, Amherst
Janice Lee Cramer, Findlay
John Gordon Crammond, Oregon
Charles Scott Parrott, Kettering
Karen Ann Stockman, Parma Heights

Bachelor of Science in Nutrition

Ten candidates

Robert Lee Burger, Columbus
Bruce Lester Hillard, Bloomdale
David James Jasko, Avon Lake
Elery Kantz Lamkie, Columbus
Richard Alan Muegge, Mansfield
Carolyn Marie Primuth, Cleveland Heights
David Alton Ray, Columbus
Suzanne Elise Stachel, Hudson
Maria Stojkov, Cleveland
Joseph Edward Walton, Vienna

School of Home Economics

Bachelor of Science in Home Economics

One hundred twenty-seven candidates

Anne Elizabeth Adams, Montpelier
Kimberly Sue Adorni, Brecksville
Dawnlyn Green Avert, Forest
Cynthia Sue Allen, Chillicothe
Julia Ann Andrews, Columbus
Linda Elizabeth Baker, Newark
Dena Barry, North Canton
Debra Elizabeth Beale, Columbus
Mary Ann Benecke, Napoleon
Betty Jane Biddison, Columbus
Valerie Lynn Carter, Ironton
Susan Ann Bishop, Mt. Gilead
Susan S. Brenneman, Orrville
Catherine Brown, Chardon
Ristina Etelle Brown, Bluefield, W. Va.
Cindy Lou Brunon, Sandusky
Carolyn Sue Bryan, Cincinnati
Lisa Ann Callahan, Marion
Valerie Lynn Carter, Ironton
Deborah Lynn Charrette, Lexington
Marlene Childers, Cincinnati
Joan Marie Cooke, New Castle, Pa.
Denise A. Cosens, Columbus
Teresa Cotton, Alliance
Patricia A. Craiglow, Louisville

Kathleen Cricks, Sharpsville, Pa.
Mary J. Crouch, Columbus
Kathlyn Ann Crown, Mt. Gilead
Jeanette Csanyi, Uniontown
Jane Ann Custer, Conroy
Anna Marie Cypryla, Springfield
Laurie Jo Damude, Mansfield
Elizabeth Priest Daniels, Columbus
Patricia L. Davis, Brookville
Anne Ellen Dean, Centerville
Melanie Joy Demoret, Hamilton
Ann Louise DeWeese, Sidney
Jody Ann Dickson, Columbus
Sarah Louise Dove, Newark
Mary Ann Alfirevic Doyle, Marin
Carolyn Suzanne Eikost, Toledo
Rita Sue Eppler, Lakewood
Cynthia A. Faulkner, Urbana
Christy Ann Fowler, Columbus
Beverly Jane Gerhardt,

Franklin Lakes, N. J.
Karen Elaine Glass, Columbus
Susan Ann Goede, Cleveland
Keith Wayne Gorby, Springfield
Christine L. Green, London
Lynnette D. Hawk, Lima
Debra Kay Herber, Columbus
Beverly Blossom Hermalyn,
East Meadows, N. Y.
Sharla Sue Holter, Columbus
Linda Sue Howell, Columbus
Karen Ann Howells, Youngstown
Pamela Kaye Jones, Marion
Karla Lea Kahler, Gahanna
Cynthia L. Kennedy, Ironton
Patricia Jean Kight, Columbus
Melinda Dianne Kincer, Hamilton
Karen Ruth Knobloch, Tipp City
Kimber Lee Komraus, Reynoldsburg
Andrea Robin Kramer,
West Hartford, Conn.

Kathleen Denise Lahmann, Cincinnati
Jean Elizabeth Lindsay, Fremont
Wendy Lee Linkinhoker, Springfield
Marietta Louise Mastbaum, Dayton
Michele Ann Mattey, Steubenville
Patricia A. McCarthy, Columbus
Kathleen McGraw, Lima
Kathleen McNamara, Dayton
Nancie Marie Metzger, Valley City
Judy Lynn Michaels, Bedford Heights
Carole Jean Miller, Baltimore
Cathy Jo Miller, Lima
Dawn Ellen Mohler, Trotwood
Carol J. Moosbrugger, Dayton
Susan Jane Moyer, West Troy
Susan Joy Musile, Mansfield
Cathy Lynn Noecker, Ashville
Diane Adele Plessinger, Wooster
Robin Elaine Pond, Columbus
Eva Jane Price, Wellsville
Ann Terese Ravotti, Leechburg, Pa.
Terri Jean Redman, Huntsville
Sarah E. Repke, Cincinnati
Betty Lu Rigg, Bryan
Felice Lynne Robbins, Columbus
Diane Lou Robinson, Port Washington
Dorothy Lynn Rosenwasser, Columbus
Ramona Annita Roth, Mansfield
Virginia Lynn Ryals, Elyria
Judith Ann Rye, Waynesville
Lorinda Sue Schmeitz, Heath
Shelly Ann Schimizzi, Willowick
Sharon Diane Shaw, Bluffton
Leah Gayle Sheppard, Columbus
Peggy A. Shupert, Seaman
Barbara Jane Shutts, Martinsville
Kay Jones Simon, Columbus
Diane Ellen Smith, Parma
Susan Rae Smith, Conroy
Nancy Arlene Snyder, Arcanum
Kimberly Anne Spangler, Bellefontaine
Mary Alda Spencer, Painesville
Valerie Ann Sauier, Franklin
Carol Ann Stojkov, Cleveland
Frances Mary Lorraine Tapocsi,
Maple Heights
Barbara Jean Taylor, Columbus

Linda Ann Taylor, Ashland
Bernadine R. Thurn, Columbus
Anderia Lynn Trail, Brunswick
Kimberly Creamer Travis, Columbus
Sharon Kay Trimmer, Willard
Anita Helen Ullman, South Euclid
Marilynn Jean Van Kirk, Columbus
Linda Olmstead Walker, Westerville
Sandra Marie Walus, Barberton
Rebecca Ann Warren, Cincinnati
Catherine J. Webber, Mt. Sterling
Suzanne Lynn Weinberger, Akron
Susan Gale Weller, Mt. Gilead
Patricia Vail Whittington, Poland
Mary Alice Wurster, Maxwell A.F.B., Ala.
Randy Yetman, Columbus
Eva Marie Zoltai, Elyria
Jeanne Beth Zwahlen, Hudson

Bachelor of Science in Nutrition

Six candidates

Neal Eugene Craft, Uhrichsville
Cheryl Ann Culler, Stryker
Dennis J. Custer, Lancaster
Joy Ann Keller, Galion
Colleen Marie Lovelace, West Jefferson
LaDonna Lynn Steiner, Columbus

Bachelor of Science in Restaurant Management

Four candidates

Marla Aileen Bowers, Logan
Pamela Twitchell Freeman, Columbus
Karen Sue Jones, Hincley
Gregory Samuel Sederoff, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

One hundred candidates

Donald Frank Alto, Solon
Jane Ellen Budanes, East Meadow, N. Y.
Victoria Mary Ball, Fairview Park
Charles William Beach, Defiance
Robert Edward Bostic, Forest Park
Brian Richard Boylan, Amherst
James C. Brewer, Cincinnati
Craig Dean Brown, Columbus
Steven E. Brown, Arcanum
Michael David Bruder, Lyndhurst
Jerry Allen Chiles, St. Mary's
Craig Russell Ciola, Marion
Gregory Steven Codner,
Boiling Springs, Pa.
Daniel Charles Colegrove, Strongsville
Kim Collin Coy, Geneva
Colleen Sue Crook, Granville
Leonard Alford Davidson, Olmsted Falls
Roger Lee Denn, Columbus
Tony Thomas Desiccio, Parma
Susan Mary Flores, Columbus
Susan Marie Gallagher, Garfield
Jon Kibe Gardner, Cuyahoga Falls
Cathie Cooper George, Columbus
Russell William Gibson, Lakewood
Cynthia Joanne Gouhin, Ashtabula
David Gregory Grotz, Richfield
Kevin Lee Haver, Lima
James Robert Hayne, Wadsworth
Marjean Kaye Heisler, Hicksville
David Carlton Hildebrand, Springfield
Randy Dean Hinton, Columbus
Mark Eugene Horowitz, Cleveland

Jeffrey Lee Hoselton, Chillicothe
 Louis Bach Hoyer, Jr., Worthington
 Richard David Hughes, Sandusky
 Arlene Iva Jones, Lorain
 Michael Thomas Kaufman, Reynoldsburg
 Stephen Munro Keating, Columbus
 Beth Anne Keeling, Youngstown
 Robert Joe Keener, Dover
 David Phillip Kelley, Bexley
 Scott John Kirkpatrick, North Canton
 James William Kish,
 St. Catharines, Ont., Canada
 John Thomas Kneen, Canfield
 Amy Marie Kordenbrock, York, Pa.
 David Ray Kreitzer, Wapakoneta
 *Thomas Allan Krinov, Canal Fulton
 Daniel Eric Kromer, Sandusky
 Brian Lee Kunkel, Cincinnati
 Russell Thomas Lappa, Columbus
 Robert Steven Larson, Hicksville
 Cynthia Marie Lattyak, Forest Hills, N. Y.
 Edward Ross List, Columbiana
 John Matthew Lorenz, Columbus
 Steven Lee Lown, Columbus
 Mark Alan Lucas, Parma
 Gary B. Luttmner, Medina
 Richard Burton Marsh, Columbus
 Gordon David McDonald, Columbus
 Ruth Billman McGovern, Marysville
 Jeffrey Leon McLaurin, Dayton
 Bruce Eugene Morgan, Mt. Sterling
 Mark Douglas Mowery, Logan
 Vicki Susan O'Connor, Columbus
 *Daniel Joseph O'Meara, Grove City
 John Richard O'Meara, Coshocton
 Anita Louise Ondrus, Oregon
 Susan Mary Oram, Dayton
 Lawrence David Orr, Fairfax, Va.
 Leslie Cay Phillips, Salem
 David Francis Pierce, Painesville
 John Vincent Pogacnik, Lorain
 Carol Therese Quinn, Westlake
 Kathleen Ann Radigan, Richmond Heights
 Gregory Alan Reams, Lima
 Jeffrey Lynn Reeb, Defiance
 David Scott Richardson, Lancaster
 John Allen Rickel, Columbus
 Robert Davis Rohl, Hobe Sound, Fla.
 Wayne Richard Rolsen, Columbus
 David Allen Sandkuhl, St. Mary's
 Melanie Ann Schmitt, Delaware
 Mary Esther Schroeder, Columbus
 Mary Anderson Taft, Cincinnati
 Sharon Elizabeth Taphorn, Cincinnati
 Robert Gerard Toll, South Euclid
 Mark Tolson, Middleburg Heights
 Greg Ellis Toppin, Dorset
 David Michael Tunder, Seven Hills
 Frederick Clifford Tyler, Cleveland Heights
 Dana Allen Varney, Delaware
 Sandra Ann Pamela Veverka, Columbus
 Barbara Lena Walinski, Toledo
 Christian Peter Walker, Xenia
 Curtis Randolph Warner, Cambridge
 Raymond K. Webster, Lawrenceville
 Janise Ann Wilson, Columbus
 Gary Robert Winkler, Medina
 Beth Ann Wolf, Worthington
 Robert Michael Wooton, Paulding

Agricultural Technical Institute—Wooster

Associate in Applied Sciences

One hundred sixty-eight candidates

Dennis Ackerman, Bayside, N. Y.
 Mary Beth Aitken, Rock Creek
 John James Akara, Wooster
 Chris Edward Allenbach, Lima
 Thomas Michael Allerdig, Loudonville
 Edward Allen Anderson, Lucas
 Sheryl Ann Arnold, Wellington
 Steven Lee Aukerman, Canton
 Kathy Michele Ayers, Kent
 Stephen Shelton Babcock, Wellington
 Joseph Kevin Bailey, Blanchester
 Dale Eugene Barkalow, Germantown
 Jack William Barthels, Avon Lake
 Paul Gregory Beathard, London
 William Eugene Bennett, Danville
 Jack Irvin Benton, Dayton
 Ellen Ann Bishop, Monroeville
 Marcelle Lou Bowman, Hanoverton
 Richard Stephen Brogan, Steubenville
 Ruth Schmidt Burns, Wooster
 Michelle Marie Cain, Cincinnati
 Susan Ann Calhoun, West Norwalk
 Jeffrey William Chambers, Tallmadge
 Marcia Ann Chenevey, Apple Creek
 Daniel Scott Childs, Holley, N. Y.
 Donald James Cicchello, Youngstown
 Harold Andrew Clark, Windham
 Judith Lynne Claycomb, Avon Lake
 Suzanne Marie Conrad, Port Clinton
 Teri McCauley Crabbs, Mechanicstown
 Catherine Turley Curtin, Wooster
 James Francis Daley, Jr., Richfield
 Keith Allen Deimling, Cincinnati
 Carlos Enrique Diaz, Rosemont, Pa.
 Linda Marie Didion, Monroeville
 Beth Elaine Disbro, Granville
 Jessie Sue Doerschuk, Louisville
 Timothy David Dorow, North Ridgeville
 Rene Maria Dorsten, St. Marys
 David Allen Dubiel, Youngstown
 Charles Russell Duer, Willoughby Hills
 Michael James Elwood, Dunkirk
 Patricia Jean Ferreri, South Euclid
 Christine Anne Fieck, Worthington
 Linn Delight Fischer, Mansfield
 Gerald Lee Flinn, West Salem
 Mary Beth Frey, Lisle, Ill.
 Kevin Michael Frodi, Rootstown
 Timothy William Gaier, Piqua
 James David Gallaher, Jr., Delaware
 Caryn Jane Geiser, Wooster
 Laura Marie Graep, Geneva
 David Paul Graham, Wooster
 William David Harlan, Shreve
 Dennis Dean Hartong, Clinton
 Edward Joseph Hayes, Medina
 Kathie Lynne Hayes, North Royalton
 Tomas Alan Haynes, Jackson
 Douglas Everett Heacock, Cardington
 Paul Gehrke Hesse, Sandusky
 Scott Thomas Hinchcliffe, Edina, Minn.
 Gloria Miller Hines, Jeromesville
 Mary Louise Hockley, Greenwich
 Russell Elmer Hofer, Cuyahoga Falls
 Greg Charles Hoffman, Newcomerstown
 Melinda Lee Huda, Petersburg
 Michael William Hummel, Medina
 John Jakkie, Parma
 Clyde Patrick Johnson, West Jefferson
 Pearl Nims Johnson, New Concord
 Kenneth Wayne Jones, Willowick
 Michael Scott Kaltenbach, Monroeville
 Steven Thomas Kanuch, Wooster
 Dennis Paul Karen, Stow
 Susan Marie Kelly, Galion

James Allan Kemeny, Cincinnati
 Robert James Killen, Worthington
 Barbara Ellen Kindel, Norton
 Lawrence Frank Kline, Jr., Akron
 John Franklin Knapp, Millersburg
 Jeffrey Robert Korb, Oxford
 Allen Jonathan Kramp, Toledo
 Donna Gail Lambert, Ironton
 Keith Alan Linerode, Alliance
 Sandra Kay Locke, South Vienna
 James Eric Lunden, Veradale, Wash.
 Patrick Walter MacAleese, Lisbon
 Cindy Kay Marker, Bloomingdale
 Candice Lea Masters, Toledo
 John Carl Masters, Dundee
 Randy Lee McFarland, Hillsboro
 Rocky Wayne Menzie, New Concord
 Craig Thomas Mercer, Columbiana
 John Benjamin Mercer, II, Louisville
 Dale Edward Miller, Wadsworth
 Donald Joseph Miller, Delphos
 Steven John Miller, Bucyrus
 Timothy Paul Miller, Chardon
 Dale Lee Musser, Lancaster
 Randall Russell Nichols, Freeport
 Janet Louise Nieport, St. Henry
 Thomas Blair Northrop, New Philadelphia
 Kathleen Ellen Norton, Carey
 Rodney Lee Orth, Troy
 Vicki Sue Orwig, Columbus
 Stephen Kent Overmyer, Lindsey
 Shirley Ann Painter, North Ridgeville
 Kim Richard Palmer, Flushing
 Dominic Leo Papania, New Waterford
 Brian Ashby Payne, Lucas
 Mark Stephen Phillips, Aurora
 Patricia Elaine Porchetti, Columbus
 Douglas Allen Potter, Croton
 John Kevin Price, Orient
 Gary Lynn Prill, Van Wert
 David Lewis Pursley, Navarre
 Vaughn Wade Puster, Lakeville
 Keith David Rase, Minford
 Linda Lee Rath, Columbus
 Jeffrey Thomas Ream, Homeworth
 Tamara Elaine Reiter, Wheelersburg
 Bradley Jay Richards, New Washington
 Rickey Lee Rindchen, North Canton
 Bruce Eugene Roberts, Wooster
 Karen Denise Roush, Parma
 Richard Lee Rowland, Columbus
 Holly Thornton Rumlper, Grafton
 Gary Alan Saddler, LaGrange
 Glenn Edmund Sanders, Willoughby Hills
 Kurt Alan Schlegel, Shreve
 Jeffrey Weston Schmitt, Avon
 Kathleen Ann Schummer, Lexington
 Mark Luther Shafer, Bloomville
 Alberta Gladys Shanley, Parma
 Randall John Shifley, Bucyrus
 Robert Dean Shouts, Edison
 Gregory W. Shroyer, Cincinnati
 David Eugene Shumlin, Upper Sandusky
 Sandra Ellen Sklar, Medina
 Howard Louraine Smith, Mayport, Pa.
 Joel William Snyder, Paris
 Martin Kurt Stavenhagen,
 Saratoga Springs, Fla.
 Kevin LeRoy Sterling, Cygnet
 Linda Sue Swain, Lakeside
 Dale Louis Taylor, Upper Falls
 Amy Elizabeth Telep, Medina
 Jun Louise Trefz, Cardington
 Timothy Stephen Turton, Wooster
 Charles Enoch Vandergriff, Jr., Grafton
 Michael Douglas Velikoff, Galion
 David Garard Volk, Cincinnati
 Ronald Lee Wadian, Massillon
 Terry Dean Walton, Akron
 Paul D. Warner, Andover
 Ralph Emerson Watson, Mercer, Pa.
 Douglas Paul Weingart, North Canton
 Alton Winslow Whitehouse, III,
 Gates Mills
 Margaret Ann Wiesheier, Akron
 Jennifer Hewett Williams, Wooster

* Also Master of Science, Graduate School

Karl John Williams, LaGrange Park, Ill.
 David John Wingert, Canton
 Robert Charles Winter, Ashville
 Thomas Wiolland, Akron
 Craig Andrew Wood, Zanesville
 Catherine Ivah Wright, Milford
 Jodie Ann Yarhouse, Westerville
 Deborah Jean Zabinski, Solon
 Brant Edward Zucker, Bucyrus

Richard Gene Carr, Newcastle, Wv.
 B.A. (Carroll College)

Dennis Michael Casey, Springfield
 B.A. (University of Dayton)

Alice Chao, Cincinnati
 B.A. (Douglass College, Rutgers
 University)

David E. Chlysta, Ravenna
 B.S. (Kent State University)

Thomas Kent Chubb, Findlay
 Barbara Arps Churchill, Delta

Steven Thomas Clay, Worthington
 B.S. (Denison University)

Russell Peter Colosi, Grand Island, N. Y.
 B.S. (Ashland College)

Edwin N. Cook, Centerville
 B.S. Pharmacy (University of Toledo)

Faith Ann Cookson, Canton
 B.S. (Brigham Young University)

Timothy Bryan Cox, Barberton
 B.S.

† Donald Richard Curtis, Fairfield
 B.A.

Joseph M. Dagati, Girard
 B.S.

Michael Corniel Dahm, Dayton
 B.A. (University of Dayton)

J. Curtis Dailey, Zanesville
 B.S. (Ohio University)

Thomas Stephen Dietrich, Alliance
 B.S. (Westminster College)

David Larsen Donnell, Bowling Green
 B.A. (Miami University)

James Michael Drockton, Chesterland
 B.S. (John Carroll University)

James Edward Ellashek, Youngstown
 B.S. (Ohio University)

† Alan Lee Fahndrich, Warren
 B.A.

Timothy Harold Farney, Dayton
 B.S. (Wright State University)

Marcia Lee Felock, Euclid
 B.S. (Cleveland State University)

Randy Mark Feldman, Toledo
 B.A.

Doug A. Felger, Columbus
 B.S. (Ohio University)

Joseph Philip Ferrini, Strongsville
 B.S. (Baldwin-Wallace College)

Robert Patrick Finical, Bellville
 B.S., M.A. (Drake University)

E. Roy Finley, Xenia
 B.S.

Mark John Fleming, Cincinnati
 B.S. (University of Dayton)

Richard Lawrence Fogel, Brookfield
 B.S.

Gregory Clement Frese, III, Cincinnati
 B.S. (University of Cincinnati)

Craig Leo Friesinger, Cincinnati

Martin William Fritz, Kent
 B.S. (Mount Union College)

J. Michael Fuchs, Cincinnati
 B.S. (University of Cincinnati)

Patsy Gentilcore, Jr., Niles
 B.A. (Case Western Reserve University)
 M.S. (Cleveland State University)

Benay LaMoyné Gilmore, Cleveland
 B.A. (Northwestern University)

Gerald Neal Glickman, Youngstown
 B.S., M.S. (University of Kentucky)

Martin George Goebbel, Louisville
 B.S. (Bowling Green State University)

Alan Terry Goodman, South Euclid
 B.S. (Ohio University)

David Edwin Grabeman, Kettering
 B.S. (Furman University)

Floyd William Green, Cuyahoga Falls
 B.S. (University of Akron)

Douglas Kent Greenwald,
 Rancho Gordova, Calif.

James Douglas Guest, Columbus
 B.S.

Michael Derrill Hablitzel, Port Clinton
 B.A.

Michael Hendrik Hagen, Columbia Station
 B.S. (Baldwin-Wallace College)

George Michael Hannah, Sr., Gahanna
 B.A. (Saint Mary's University)

W. Chris Hanners, Canal Winchester
 B.A. (Capital University)

Jeffrey William Harnist, Toledo
 B.A. (Denison University)

John Gerard Hasbrouck, Galion
 B.S. (University of Notre Dame)

Karl Edison Hegyi, Strongsville
 B.S. (Ohio University)

Paul Warren Heinrichs, Toledo
 B.S. (University of Toledo)

Bonnie May Henschen, Sidney
 B.A.

Reino Scott Hill, Cleveland
 B.S. (Cleveland State University)

Ronald Dale Holderman, Columbus
 B.S.

James Michael Holloway, Parma
 B.S. (Ohio University)

John Marc Holser, Galion
 B.S.

John Matthew Hoskins, Shalersville
 B.S. (University of Iowa)

Russell Edward Hudoba, Struthers
 B.S. (Youngstown State University)

Thomas Edward Hutson, Worthington
 B.A. (Capital University)

Nancy Lucille Jackson, Oxford
 B.A. (Miami University)

Gary Lynn Jarrold, Cincinnati
 B.A. (Miami University)

† David George Jess, Marion

Salim Jreissaty, Columbus
 M.S.

Gene Allen Jumper, Delaware
 B.S., M.S.

Peter Stuart Katz, Cincinnati
 B.A. (Boston University)

† Also Bachelor of Arts, Colleges of the Arts and
 Sciences

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

One hundred and eighty-four candidates

Douglas Adams, Xenia
 B.S.

Kevin Culver Aiken, Hudson
 B.S. (Marietta College)

Mark Bryan Artzer, Cincinnati
 B.S. (Baylor University)

Sami Hasan Awadallah, Cleveland
 B.S. (Cleveland State University)

Paul Henry Bailey, Youngstown
 B.A. (Youngstown State University)

David Alan Ball, Worthington
 B.S. (Bowling Green State University)

Bruce Eldon Barker, Alliance

Gary Allen Barker, Cadiz
 B.A.

Jeffrey Lee Barley, Toledo
 B.A. (Wittenberg University)

Thomas Wilson Beattie, Bowling Green
 B.A. (Wittenberg University)

Carolyn Diane Bednar, Akron
 B.A. (DePauw University)

Valerie Rae Wasley Bell, Lakewood
 B.S. (Miami University)

Andrew Neal Berman, University Heights

Mark Anthony Betz, Wellsville
 B.A. (Case Western Reserve University)

Robert Frederick Binkley, Jr., Toledo
 B.A. (Toledo University)

Forrest Earl Blythe, Piqua
 B.S. (Tennessee Technical University)

Gregory Mark Bookwalter, Mansfield

Edwin Harold Boy, Bellefontaine
 B.A. (College of Wooster)

Garry DeWayne Boyd, New Lexington
 B.S.

Lawrence E. Brown, University Heights
 B.B.A. (Kent State University)

Donald Joseph Brunetti, Youngstown
 B.A. (Hiram College)

Mary Ann Bukowski, South Bend, Ind.
 B.A., M.A. (Oberlin College)

Bruce Douglas Burns, Mansfield
 B.A. (Miami University)

Steven W. Campbell, Cincinnati
 B.S.

William Harold Cardwell, Jr., Uniontown
 B.S.

Thomas Vincent Kelly, Jr., Mineola, N. Y.
B.S.

David William Kidd, Columbus
B.S.

Cheryl McMaster Kieffer, Rochester, N. Y.
Assoc. in Sci. (Monroe Community College)

Charles Louis Kimberly, Akron
B.S. (Muskingum College)

Samuel Robert Kiner, Cleveland
B.A. (Case Western Reserve University)

Thomas M. Klepinger, Laura
B.S.

Jeffrey Jon Kozy, Toledo
B.S. (Miami University)
B.S. (University of Toledo)

George Bernard Kraft, II, Cincinnati
B.S. (University of Cincinnati)

Randall Lee Kresger, Oak Harbor

Jan Edward Kronmiller, Cincinnati

William Thomas Kunkel, Jr., McDonald
B.A. (Oberlin College)

Kenneth Oren Kyger, Gallipolis
B.S.

Timothy Virgil Kyger, Gallipolis
B.S.

Denis Alan Laird, Youngstown
B.S. (John Carroll University)

Margie Jeffers Lawson, Albany
B.S. (Ohio University)

William Gilmor Leffer, Massillon
B.S. (Grove City College)

Philip Anthony Leone, Austintown
B.S. (Trinity College)

James John Lipaj, Brecksville
A.B. (Colgate University)

Gregory Dale Lisk, Hilliard
B.S.M.E.

Deborah Marie Long, Centerville
B.S. (Denison University)

John David Mahilo, Lorain
B.S.

Robert Kevin Maloney, Hamilton

Randall Craig Mathews, Athens
B.A.

James Alvin Maxwell, Jr., Cleveland
B.S. (Baldwin-Wallace College)
M.S. (Saint Louis University)

Michael Blaine Mazer, Cincinnati
B.S.

Nicholas P. Mellion, Akron

Melvin Lee Miskovich, Zanesville
B.S. (Ohio University)

Timothy Vincent Monroe, Upper Sandusky
B.S. (University of Toledo)

Anthony Charles Montagnese, Jr., Lorain
B.S. (University of Notre Dame)

Kerry Dean Moore, Lima
B.A. (University of Cincinnati)

Joseph John Morriello, Cuyahoga Falls
B.S. (University of Akron)

Michael Carl Mueller, Kettering

Jeanne Nicolette Mull, Lectionia
B.A.

Barrant Wyatt Nelson, Medina
B.S.

Stephen Michael Neuser, Toledo
B.A. (Saint Joseph's College)

William Llewellyn Newberry, New Boston
B.S.

Anthony Edward Nowak, Toledo
B.S. (University of Detroit)

Bradley James, Ogg, Dayton

James Kent Phillips, Carroll
B.S. (Ohio University)

Diane M. Pollick, Toledo
B.S.

Richard Christopher Quinttus, Dayton

Randall William Radefeld, Fairview Park
B.A. (Ohio Wesleyan University)

Rex Thomas Raper, Stow
B.S. (University of Akron)

Gordon Howard Rauch, Van Wert
B.S.

Jeffery David Render, Norton
B.S. (University of Akron)

David James Rentz, Lima
A.B. (Miami University)

Kevin V. Rethman, Rocky River
B.A. (Saint Louis University)

Robert H. Riding, Delta, Utah
B.S. (Brigham Young University)

Alan Marc Rockwern, Cincinnati
B.A. (University of Cincinnati)

Rod Michael Rogge, Dayton
B.A.

Louis Harry Rohrkasse, Cincinnati
B.S. (Xavier University)

Richard Donald Rorapaugh, Jr.,
Upper Arlington
B.A.

Gordon L. Sangree, Salem

Richard Nandor Santho, Upper Arlington
B.A. (University of Louisville)

S. Richard Scott, East Palestine
B.A. (Wittenberg University)

John Richard Scuba, Cleveland
B.S. (Cleveland State University)

Stephen Mark Shall, Toledo
B.A.

Wesley E. Shankland, II, Lima
B.S.

Robert Alan Shapiro, South Euclid

David Edgar Shapter, Erie, Pa.
B.S. (Pennsylvania State University); M.S.

Robert Gregory Shelhouse, Dayton
B.S. (Bowling Green State University)

Mark T. Shue, Akron
B.S.

Eric David Smith, University Heights
B.S.

Vincent Robert Smith, Columbia Station
B.S.

Andrew Edward Stanya, North Royalton
B.S. (University of Toledo)

Thomas Alexander Steele, Marion
B.S.

Mark Alan Straka, Elyria
B.A.

Edward John Strittmatter, Jr.,
Medfield, Mass.
B.A.

Richard Steven Talan, Columbus
B.A. (Ohio University)

Jan Hexamer Tepe, Canton
B.A. (Northwestern University)

Vera Terec, Cleveland
B.S.

Howard Lane Tetelman, Lyndhurst
B.A., M.S.

William Edwin Thompson, Columbus
B.A.

Craig Brant Toothman, Columbus
B.A. (Miami University)

Wayne Wesley Triplett, Ironton
B.S. (Union College)

Howard Richard Tunick, Great Neck, N. Y.
B.A. (University of Miami-Florida)

Gary Louis Unterbrink, Van Wert
B.S.

Victor Frank Wallace, Canton
B.S. (Bowling Green State University)

Leonard Emmitt Wallick, Columbus
B.S.

Gregg Allan Warner, Kettering
A.B. (Miami University)

Charles Cary Weber, Columbus
B.S.

Walter Eugene Weber, Middletown
B.S.

Leopold Weinstein, Cleveland Heights
B.A.

Julianna Smith Wemmer, Toledo
B.A. (Miami University)

Sue Ellen Weston, Columbus
B.A.

Judith Carol Wheeler Wright,
Wilmington, Del.
B.S.

Gayne Byron Williams, Wyoming
B.A. (Wittenberg University)

Gregory Edward Williams, Cincinnati
B.S. (Xavier University)

Erie Ray Winders, Hudson
B.S. (Ohio University)

Warren Vernon Wingate, Cincinnati
B.S. (University of Cincinnati)

Daniel Lee Woods, Moraine
B.S.

Robert Todd Wootton, Cincinnati
B.S. (University of Illinois)

Judson Rudolph Wynkoop, II,
Canal Winchester
M.S.

William David Zeek, Martins Ferry
B.C.E.

Mark Todd Zehler, Hamilton
B.A. (Miami University)

¹ Also Bachelor of Arts, Colleges of the Arts and Sciences

Certificate of Graduate Dental Hygienist

Eighty candidates

Donna Marie Abramovich, Brecksville
†Angela Theodora Anderson, Cleveland
*Kim Lee Aultio, Xenia
*Julia Marie Ball, Bellevue
*Michele Ann Becaccio, Cincinnati
Ellen Carol Becker, Toledo
†Deborah Lee Bedell, Bowling Green
Deborah Lynn Bernard, New Vienna
Bonnie Sue Blumenthal, Miami, Fla.
Alice Dee Burger, Fremont
*Elizabeth Jane Burr, Bellevue
*Nancy Sue Carbone, Parma
Deborah Sue Chaboty, Dayton
Christine Clugh, Stow
Sharyn Ann Datsko, Alliance
Kathleen Darice Ely, Excelsior, Mich.
*Nancy Marie Farnlacher, Johnstown
*Judith Ann Fricke, Waynesville
Diane Katherine Froede, Columbus
Denise Christine Gialluca, Canton
Betty Sue Golden, Bexley
Barbara Lynn Gottlieb, Toledo
*Marie Ann Halas, Columbus
Lorra Boyce Hambach, Mt. Perry
Nida Jo Hancock, Dayton
Anne Marie Hartman, Galion
Joseph Michael Heider, Dayton
B.S.
Anita Louise Heimlich, Columbus
Susan Lea Hersman, Doylestown
†Cheryl Anne Hohenstein, Kettering
Cynthia Ann Holtzapfel, Ironton
Maureen Dempsey Hoyne, Dayton
Denise Lee Huddle, Columbus
Joan Marie Hughes, Warren
Melinda Lee Hurst, Ashland
*Ann Elizabeth Husa, Cincinnati
†Marsha Yasue Iwahiro, Wahiawa, Hawaii
*Linda Jo Jack, Galion
Elyse Marie Kaleel, Canfield
Loretta Lynne Kelley, Columbus
Deborah Ann Kline, North Canton
*Susan Lynne Kozy, Akron
Jennifer Kay Lanz, Paulding
Cynthia Helen Levinson, Cincinnati
*Diane Lynn Longo, Waynesburg
Margaret Ann Magnacca, Dover
Ann Marie Martin, Dayton
Kimberly Kay Mauk, Lima
Maura McCarthy, Fairview Park
Katherine Mildred Mershon, Warren
*Cecilia Ann Moy, Mentor
Colby Leigh Nally, Morris Plains, N. J.
Kathryn Josephine Niffner, Poquoson, Va.
*Jane Elizabeth O'Brien, Worthington
*Shauna Kae Olsen, Bountiful, Ut.
Jacqueline Jo Parks, Westerville
*Debra Sue Parson, Columbus
*Rebecca Anne Pollard, Tuckee, Ga.
Lynn Marie Pressler, Sandusky
Nancy Carol Raab, Lancaster
*Susan Lynn Reinemann, Xenia
*Elise Kay Richey, Chagrin Falls
Lori Lyn Ries, Columbus
Jennifer Marie Rolo, Lancaster
*Janis Annette Root, Millersport
*Isabel Davidge Rowland, Columbus
*Karen Marie Rugani, Waynesburg
Lynne Claire Rustad, Lakewood
*Susan Lynn Sheppard, Worthington
*Laurie Lee Springer, Solon
Christine Anne Tender, Lorain
Nancy Ann Terveer, Alliance
Catherine Louise Vento, Conneaut
Debra Jo Waldron, Stow
Judith Kay Washburn, Fairborn
Cynthia Ann Weimer, Lakewood
Karen Sue West, Columbus
*Lori Ann Widdoes, Sandusky
*Amy Wiesler, Sandusky
*Jennifer Lynn Wiggins, Columbus

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

Five hundred and three candidates

Cynthia Marie Aaron, Cincinnati
Tariq Muhammad Abdelhal, Columbus
Lynn J. Dunn Adams, Columbus
Ava Caron Adell, Cleveland
Otis Leon Adkins, Chillicothe
Mark Andrew Albert, Forest
Thomas James Alexander, Columbus
Joseph Hokkaido Allen, Columbus
Joanne Marie Allsop, South Amherst
Ann Elizabeth Amstutz, Lima
Teresa Lynn Antolino, Columbus
Janet Ann Archart, Woodsfield
Gary Alan Armbrust, Columbus
Sharon VanSchoik Arquilla, Columbus
JoEllen Askoff, Pataskala
Paula Sue Augenstein, Columbus
Sandra Michelle Augustine, Columbus
Eileen Kelly Baesmann, Columbus
Saraflna Jean Banche, Columbus
Steven Dale Barnard, Columbus
Donna Lynn Barnes, Richmond Heights
Deborah Lee Barto, Green Springs
Chester John Barrylak, Wintersville
John Latham Bass, Columbus
Kathleen Elaine Bauer, Mount Gilead
Dalene Kay Baughman, West Alexandria
Howard Eric Baumwell, Beachwood
Melinda Faye Beck, Marysville
Elizabeth Eileen Bennett, Columbus
Nancy Ruth Berg, Dayton
Robert Russell Berry, Marion
Constance Marie Blackstone, Galena
Debra Jean Blake, Gahanna
Sheila Rooney Boyle, Columbus
Debra Morgan Brandenstein, Miamisburg
Elizabeth Ann Breidt, Yellow Springs
Bruce Andrew Breiner, Columbus
Debra Jude Briggs, Columbus
Linda Mae Brost, Barrington, Ill.
Cheryl Sue Brown, Cleveland
Kay Wetzel Brown, Worthington
Mark Alan Brown, Columbus
Heather Anne Bruce, Columbus
Lois Ann Brumleve, Cincinnati
Lisa Marie Buerzel, Columbus
Richard Glenn Bumgarner, Jr., Circleville
Jeffrey LaNard Burke, Columbus
Michele Olivia Burns, Marysville
David Alan Butcher, Sandusky
Mark Edward Buxton, Worthington
James David Campbell, London
Victoria Mills Campbell, Columbus
Susan Marie Caris, Columbus
Scott Weyer Carmichael, Parma
Therese Marie Carnes, Westerville
Georganne Heather Carpenter, Lancaster
Mary Jane Carr, Mt. Vernon
Randi Marie Carroll, Columbus
Carolyn Louise Carte, Columbus
Kathleen Jo Casey, Columbus
David Michael Cass, Galion
Michael Allen Caudy, Columbus
Ronald Ricci Cavicchia, Bellaire
Teresa Gail Changes, Cleveland
Robert Alan Chapman, Columbus
Linta Chean,
Santiago, Dominican Republic
Curtis Merle Chevie, Youngstown
Janet Ann Chilcote, Ohio City
H. Marie Children, Columbus
Linda Mace Christie, Columbus
Thomas Henry Clark, Newcomerstown
Barkey Oshiek Clarke, Troy
Lynn Anne Cleary, Cincinnati
Debra Lynn Clevinger, Columbus

Gerard Joseph Clouse, Columbus
Susan Rebecca Clowe, Carroll
Leslie Lorenz Coakley, Heath
Deborah Lynn Coburn, Wickliffe
James Edward Cochran, Columbus
Teresa Jean Cockrell, Stoutsville
Anita Jane Coen, Massillon
Janice Collins, Toledo
Cynthia May Colton, Lynnfield
Joan Pauline Como, Perrysburg
Janet Ann Covey, Springfield
Beatrice Ann Coyne, Dayton
Steven Martin Crosbie, Galena
Cynthia Marie Crusie, St. Marys
Thomas Earl Cummings, Beaver, Pa.
Robert Michael Curtis, Mt. Vernon
Jane Marie Daetwyler, Clarington
Anthony Charles Daniels, Youngstown
Charlene Renee Darden, Toledo
Becky Sue Davis, Centerville
Harold Wayne Davis, Fostoria
Donald Junior Davitz, Columbus
Donald Lee Dean, Columbus
Lynn Smith Dean, North Canton
Laura Lee Dearth, Belleville
Thomas Eugene Deeter, Greenville
Deborah Marie DeGenova, Poland
Therushenia DeHart, Youngstown
Mary Sue Delahunty, Warren
Barry Evan DeLong, Adelphi
Peggy Carnahan DeMuth, Columbus
John Alan Denig, Mansfield
Kathryn Elizabeth Dickinson, Brook Park
Thomas Joseph Diebold, Newark
Glenda Jean Dilts, Canal Winchester
B.A. (Mt. Vernon Nazarene College)
Kim Elaine Dinger, Perrysville
Ann DiPangrazio, Columbus
Cheryl Jane Dolin, Fairlawn, N. J.
James Thomas Dorward, Worthington
Karen Kimberly Draves, Oberlin
Delly Dean Ducey, Ottawa
Linda Sue Dyer, Cambridge
Howard Louis Eberts, Columbus
Holly Dale Eckstein, Tiro
Barbara Kay Egger, Springfield
Gregory Gerard Elchert, New Riegel
Christina Louise Ellis, Findlay
Conetta Ciotola Elsea, Columbus
Linda Wickham Ennen, Columbus
Sharon Salt Essewin, Columbus
Richard Esquinas, Columbus
Ollie Patricia Evans, Newark
Dennis Wayne Eychner, Rome, N. Y.
Sharon Elveta Ezell, Columbus
Deborah Lynne Fair, Genoa
Connie Sue Paris, Columbus
Jamie Sue Fine, Toledo
Carolyn Jean Fisher, New Vienna
Cheryl Lynn Fisher, Columbus
Jodie Adele Fissel, Columbus
Patricia Louise Fitzgerald, Columbus
Leslie Ann Floyd, Akron
Barbara Carlock Fluck-Allen, Columbus
Susan Skuffa Fonticola, Columbus
Mary Karen Bennett Fortman, Columbus
Sheryl Lou Foster, Findlay
Patricia Sue Fout, Marion
Susan Edna Frankenfild, Dayton
Ophelia Seals Fry, Bellville
Randy Lynn Fry, Huntsville
John Frederick Fuda, Columbus
Daniel Charles Gardner, Obetz
Elizabeth Ann Garvin, Brecksville
Heather Jill Gary, Comeaut
Sondra Forsyth Gay, Marion
Rita Ann Giamarco, Columbus
Cheryl Jean Gibbs, Gahanna
Gwendolyn Estep Gibson, Mansfield
Lawrence William Gilb, Columbus
Lori Ann Gordon, Columbus

* Also Bachelor of Arts, Colleges of the Arts and Sciences
* Also Bachelor of Science, Colleges of the Arts and Sciences

Marrie Goldman, Mansfield
 Iris Goldstein, Matawan, N. J.
 Marianne Gorby, Bridgeport
 Linda Sue Gower, Butler
 Cynthia Ann Graham, Columbus
 Patricia Eileen Greenbaum, Canton
 Heather Jean Gregory, Columbus
 Leann Grimes, Middletown
 Stephan Burley Grinstead, Columbus
 Mary Wagler Grover, Archbold
 Kathryn Eiefert Groves, Columbus
 Kimberly Jean Grunder, Dayton
 Constance Marie Gudel, Richmond Heights
 Marcia Jane Gunderson, Columbus
 Dawn Lurene Hackett, Columbus
 Nickolas Fred Hajjar, Columbus
 Leatha Jo Hale, Canal Winchester
 Lolanee Hale, New Matamoras
 Deborah Lynn Hales, East Liverpool
 Amy Sanders Hall, Marion
 Jeanne Roedel Hamm, Chillicothe
 James Jeffrey Hammond, Chillicothe
 Warren John Hawkins, Dayton
 Michael O. Hain, Springfield
 Suzanne Louise Hardie, Columbus
 Ralph Edison Harper, Columbus
 Phillip Alan Harris, Zanesville
 Jeffrey Harroff, Columbus
 Elaine Beth Haskins, West Jefferson
 Cherie Ann Hatton, Pataskala
 Mary Ellen Heuss, Columbus
 Patricia Lynn Hayduk, Wadsworth
 Laura Dangelo Hayes, North Royalton
 Daniel Bee Hedges, Bucyrus
 Judith Ann Henberger, East Canton
 Jane Kay Henninger, Laura
 Mary Anne Hertenstein, Norwalk
 Joyce Elaine Heter, Navarre
 Michael Timothy Hogan, Lima
 Charles Edward Hickman, Reynoldsburg
 Elaine Kay Hicks, New Madison
 Denise Sue Hill, Zanesville
 Mark Charles Hiser, Westerville
 Theresa Ann Hite, Marion
 Stephen Edward Hoffman, Columbus
 Terrance Joseph Hoffman, Fremont
 Michael Timothy Hogan, Lima
 Suellen Marie Hoover, Columbus
 Todd Hunter Horn, Somerset
 Moreland James House, Jeromesville
 Kimberly Krouskop Howard, Lima
 Elizabeth Ann Howell, Akron
 Terrance Michael Hubbard, Columbus
 Rita Marie Hueckel, Columbus
 DeLinda Dale Huff, Columbus
 Rita Jean Huffer, Hebron
 Joyce Martin Hughes, Marion
 Lisa Marie Humphreys, Fort Jennings
 Roberta Ann Hurley, Columbus
 Dallas Ray Jackson, West Mansfield
 Susan Leslee James, Akron
 Debra Estig Jayne, Columbus
 Susan Ann Jenkins, Lewistown
 Theresa Jo Jesberger, Sandusky
 *Deborah Ann Jesse, Miamisburg
 Linda Ellen Joelhin, Curtice
 Cynthia Ann Johnson, Massillon
 Karen Christine Johnson, Worthington
 Marilyn Johnson, Amherst
 Susan Patrick Johnson, Columbus
 Sherry Lawson Johnston, Lima
 David Tod Jones, Columbus
 Susan Rae Jones, Baltimore
 Michael Jordan, Lancaster
 Karen Lou Joyce, Wintersville
 Craig Kenneth Kalman, Columbus
 Kathy Ann Kalkman, Waynesfield
 Susan Marie Kechner, West Chester
 Gayle Jean Keener, Ashland
 Karen Sue Keiser, Marion
 Maureen L. Kelley, Columbus
 Maureen Ann Kelly, Saginaw, Mich.
 Linda Kay Kersker, Lima
 Pauline Patricia Keyes, Cincinnati
 Emily Kathryn Kline, Delaware
 Janice Fay Kine, Columbus
 Jean Louise King, Coshocton
 *Robert Stephen Kinsey, Columbus

Cynthia Jane Klauer, Columbus
 Christy Gae Kline, Tiffin
 Maryann Knecht, Columbus
 Jeffrey David Knoll, North Fairfield
 Nancy Ellen Knorr, Lockbourne
 Rosie Ann Koch, Mansfield
 Kim Ann Kochalko, Hebron
 Louise Anne Konstan, Akron
 Joan Lynn Korday, Mansfield
 Herbert Thomas Kozak, Zanesville
 Carol Ann Krapf, Parma Heights
 Debra Rae Krause, Kettering
 Cynthia Ann Krieg, Cincinnati
 Howard Steven Krieger, Columbus
 Diane Joan Kritz, Westbury, N. Y.
 Michael Andrew Krizan, Mansfield
 William Joseph Kruczynski, Grove City
 Debra Ann Kusner, Genoa
 Darlene Jean Kwaczala, Cleveland
 Patricia Ann Slawson Landis, Columbus
 William Clay Larkin, Parma
 Stanley Martin Lash, South Euclid
 Kathy Lou Lashley, Columbus
 Charles Bardwell Layman, Columbus
 Barbara Ann Leatherman, Napoleon
 Elizabeth Anne Lettwich, Dayton
 Carol Ventresca LeVer, Columbus
 Garnet Ann Lewis, Columbus
 Christopher Edward Lind, Columbus
 Richard Willis Liston, Circleville
 Fred Lockwood, Ada
 William Luther Long, Tiffin
 Lana Cheri Lowery, Columbus
 B.S.
 Marsha Ruth Lowe, Stoutsville
 Jami Lee Lynn, East Liverpool
 Karen Lee Maase, Columbus
 Virginia Heather Macdonald, Mentor
 Dorothy Lynne MacEwan, Columbus
 Lisa Wiemero Maher, Hamilton
 Matthew Dillon Markley, London
 Thomas Owen Martin, Columbus
 Susan Massey, Springfield
 Katrina Ann Mathias, Columbus
 Lois Giles Maughmer, Columbus
 Claudia Coggeshall Maurer, Springboro
 Marcy Ruth Maurer, Hamilton
 Elaine Marie McCafferty, Fairview Park
 Cynthia Sue McConnell, Coshocton
 Beverly Owens McCoy, Lima
 Leigh Anne McGaw, Columbus
 Patrick Wright McMahon, Chillicothe
 Molly Jo Messick, Columbus
 Michael Daine Meyers, Columbus
 Suzanne Milburn, Circleville
 Janet Lee Miller, Columbus
 Joy Wilnette Miller, Lexington
 Lorraine Kay Miller, Columbus
 Suzanne Marie Miller, Worthington
 Carolyn Miu Milligan, Mansfield
 Lenore Ann Mistovich, Campbell
 Susan Langstaff Monahan, Lima
 John Douglas Moore, Roundhead
 Karen Sue Mutschman, St. Paris
 Phyllis Lehnhart Mueller, Mansfield
 Kathryn Jean Muir, Columbus
 Steven Robert Muir, Columbus
 Carol Ann Muter, St. Marys
 Cathy Jo Myers, Ashville
 Beth Ann Oney, Marysville, Columbus
 Karen Sue Nelkirk, Bucyrus
 Beth Mikesell Nelson, Frazesburg
 Patricia Jene Niehus, Columbus
 Robert George Nolan, Columbus
 Marie Rooney Norris, Columbus
 Timothy Dale Norton, Kenton
 Donna Jo Nye, Marion
 Beth Ann Oney, Miamisburg
 Janet Lee Oliphant, Marion
 Kim Olmhausen, Bryan
 Ruth Jensen Orewiler, Mansfield
 Leslie Kathryn Pampush, Rocky River
 Morena Ann Paoletti, Columbus
 *Constance Helen Pap-wagner, Columbus
 Laura Anne Pavey, Parma Heights
 Keith Joseph Patena, Wadlington, N. Y.
 Rebecca Mosher Pearse, Columbus
 Thomas Scott Pebler, Tiltonsville

Carol Graham Peele, Wilmington
 Dorothy Louise Perry, Urbana
 Ann Natalie Phillips, Chillicothe
 Theresa Marie Plageman, Columbus
 Rhett Anthony Plank, Columbus
 Lisa Jill Plocher, Shelby
 Diane Osborn Poling, Warsaw
 Marian Catherine Popich, Pickerington
 Lynda Campbell Porter, Newark
 James Edward Postle, Worthington
 Michael Alan Powers, Columbus
 Cynthia Jones Preston, Columbus
 Deborah Sue Pulse, Hillsboro
 Pamela Truman Raabe, Delphos
 Karen Sue Ragen, Cincinnati
 Robert Francis Rains, Columbus
 Sheryl Ann Ramage, Columbus
 Priscilla Lynn Ramsey, Wadsworth
 Deborah Damron Randall, Grove City
 Peggy Lynne Rector, Columbus
 Sheila Elizabeth Rector, Nashport
 Karen F. Reichelderfer, Columbus
 Renee Renico, Grove City
 Kathryn Ann Rexford, Groveport
 Barbara Kellogg Ricciardo, Granville
 Mary Marie Rice, Westerville
 Michael Louis Rice, Glenmont
 Deanna Ruth Richardson, Columbus
 Lorita Riley, Greenfield
 Noel Matthew Rini, Columbus
 Victor Alan Ritchey, Columbus
 Laura Rivers, Columbus
 Pamela Jean Robinson, Bloomingburg
 Stanley Eugene Robinson, Wapakoneta
 Mary Elizabeth Rogers, Columbus
 Robert Edwin Rohrbaugh, Louisville
 David John Rose, Ashland
 Ellen Ruth Rosen, Warren, N. J.
 James William Roush, Lancaster
 Michelle Ann Ruggieri, Steubenville
 Pamela Kay Runyan, Mechanicsburg
 Patricia Jane Rupp, Columbus
 David Michael Rushey, Columbus
 Kathryn Thomas Russell, Lexington
 Robert Ray Russell, Toledo
 George William Saez, Columbus
 Stephanie Balkus Sagan, Columbus
 Pamela Marie Sanders, Columbus
 Denise Lynn Sands, Hebron
 Elieser Santiago, Columbus
 Karen Lee Sapiaenza, Bradford, Mass.
 Christine Ann Sapp, Columbus
 Cindy Lee Sasser, Columbus
 Christopher Savino, Kettering
 Susan Helen Schaffner, Fayette
 Joan Elizabeth Schenk, Reynoldsburg
 Craig Evan Schieber, Findlay
 Amanda Vashon Schilling, Pickerington
 Kathleen Lee Schmelzter, Mansfield
 Ann E. Schmelzer, Delphos
 Cathy Jo Schmidt, Dayton
 Susan David J. Scholz, Columbus
 Laurel Melissa Schrack, Bellville
 Donna Marie Schroeder, Toledo
 Janet Lee Schuster, Columbus
 B.S.
 Shannon Dallas Semones, Columbus
 Kay Lynne Sentf, Delaware
 Teresa Ann Sensemeler, Mansfield
 Susan Helen Schaffner, Fayette
 William Fredrick Shannon, Jr.,
 Olmstead Falls
 Lori K. Sheets, Warren
 Stephen Harold Shelley, Bellevue
 Martin Reginald Shindle, Columbus
 Larry Warren Sills, University Heights
 Cynthia Ann Simmonds, Rocky River
 Ann Hamiller Sims, Mansfield
 Joseph Francis Slostrom, Kettering
 Ralph John Slavik, Mt. Gilead
 Marion Irvin Smith, Jr., Circleville
 Susan Myers Smith, Willard
 William Stewart Snyder, Zanesville
 B.A., M.A.

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Sandra Ann Socha, Lorain
 Janet Louise Spence, Boardman
 Mark Allen Spence, Columbus
 Maryann Stark, Kettering
 Jack William Stephenson, Columbus
 Diane Kay Stevens, Columbus
 Sally Bowen Stevens, Syracuse, N. Y.
 Sandra Lee Stevens, Columbus
 Barbara Jo Stewart, Jackson Center
 Karen Lee Stewart, North Madison
 Nancy Ann Stickrath, Marietta
 Karen Berents Stiteler, Mansfield
 Brian John Stolzenberger, Kettering
 Debra Ann Strait, Columbus
 Alice Eisiminger Strebelt, Columbus
 John William Streitler, Lakewood
 Laura Ann Susman, South Euclid
 Deborah Jean Syler, Delaware
 Susan Paul Tackett, Dunkirk
 Henry Norman Taylor, Columbus
 Kandace Zollars Taylor, New Albany
 Linda Darlene Teel, Marion
 Leslie Ann Thiele, Dayton
 Darlene Kay Thomas, Wapakoneta
 Vanita Annette Thomas, Columbus
 Laurie Lee Thuma, Lima
 Victor Ambrose Timler, Westerville
 Brenda Kay Toler, Zanesville
 Jeffrey Theodore Torgerson, Columbus
 Tara Lee Trace-Richardson, Reynoldsburg
 Deborah Weiner Trimmer, Columbus
 Marilyn Beachy Troyer, Plain City
 Robin Lynn Tucker, Grove City
 John Edwin Turner, Dayton
 Robert Charles Turner, Columbus
 Teresa Marlene Underwood, Clarksville
 Magda Elizabeth Urschitz, Mansfield
 Susan Mary VanCamp, Hebron
 Gregory Ray VanHorn, Columbus
 Pamela Gaich VanHorn, Columbus
 William J. VanJura, Painesville
 Sharon Ann VanSchaik, Dayton
 Gloria Ann Vargo, Elyria
 Penny Jo Viers, Shelby
 Gary Ross Vipperman, Granville
 Attila Bela Vita, Westerville
 Sharon Leslie Wachsmann,
 Cleveland Heights
 Sylvia Ann Wagner, Sidney
 Alicia Marie Waldeck, Reynoldsburg
 Sarah Elizabeth Walker, Mansfield
 Lori Jean Ward, Chillicothe
 Barbara Anne Ware, Winter Park, Fla.
 Stevan Joel Watson, Canton
 Anne Marie Waugaman, Brunswick
 Debra Kay Weaver, Logan
 Denise Ann Weaver, Delphos
 Shelia Rena Webb, Lima
 Kathy Ann Weiher, Toledo
 Theresa Marie Weisbarth, Avon Lake
 Ronald Joseph Weiss, Lima
 Faith Tamson Wells, Coshocton
 Janet Ann West, Columbus
 Jenise Ann White, Columbus
 Nancy Louise White, Columbus
 Karen Ann Whitlatch, Gahanna
 Karla Jean Whitman, Wadsworth
 Aura Lee Whittaker, Worthington
 Madonna Rose Wick, Cleveland Heights
 Michael Karl Wiedebein, Newark
 Kathleen Ann Wieser, Lima
 Anne Kay Williams, Newark
 Catherine Marie Williams, Columbus
 Cynthia Lee Williams, Carey
 Lisa Anne Williams, Columbus
 Scott Evan Williams, Columbus
 Howard Edward Wingert, Springfield
 Beverly Ann Winters, Columbus
 John Kim Winzler, Fayette
 Robert Dale Wirth, Creston
 Catherine Ann Wise, Chagrin Falls
 John Lloyd Wolfe, Gahanna
 Deborah Ann Wood, Massillon
 Margie Ann Wright, Marion
 *Anne Louise Wutchiett, Euclid
 Beth Ann Wyandt, Van Wert
 Donald Ray Yates, Dayton
 Joseph Alan Yednock, Columbus

David Alan Yepsen, Columbus
 David Roy Yocom, Columbus
 Peggy Ann Zimmer, Arcanum

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Thirteen candidates

Scott James Anderson, Canton
 Keith Burton Barr, Columbus
 James Leo Coffey, Aberdeen, Md.
 Richard Gerald Docken, Jr., Kettering
 Jack Forrest Fullerton, Hebron
 David Michael Gloger, Shaker Heights
 Allan Jeffrey Greene, Glencoe, Md.
 Charles Barton Heath, Waynesville
 Dale William Hiltner, Dover
 David Alan Koshiba, Columbus
 James Thomas Lester, Jr., Halfax, Va.
 Michael Martin Schmidt, Mansfield
 Tariq Mohammed Tareen,
 Multan City, Pakistan

Bachelor of Science in Agricultural Engineering

Five candidates

Lawrence George Enders, Beloit
 Richard Dean Mason, Hamilton
 James Lee Price, Bowerston
 Terry Lee Stamper, Mansfield
 Van Jeffrey Young, Warsaw

Bachelor of Science in Ceramic Engineering

Nine candidates

Gregory John Andrews, Youngstown
 Candace Lee Endter, Worthington
 Timothy Mark Holman, Middletown
 Carole Jean Markhoff, Worthington
 Michael Paul Matson, Delphos
 Robin Annette Newton, Chillicothe
 George Jeffrey Roessler, Zanesville
 Donald Paul Slutz, Magnolia
 Brian Joseph John Zelinski, Urbana

Bachelor of Science in Chemical Engineering

Thirty-two candidates

Brian William Baird, Columbus
 David Maurice Bantz, Uniontown, Pa.
 Debra Lyn Beran, Middleburg Heights
 Douglas Thacher Brown, Chillicothe
 Jay Norbert Bruggeman, Columbus

Timothy LaRoy Burns, Circleville
 Daniel Mark Coombs, Centerville
 Christopher T. Cunningham, Bloomingburg
 James Harmon Eberton, Milforce
 Edward Jay Levine, Columbus
 Michael Patrick Moore, Zanesville
 Ronald Joseph Morin, Worthington
 David William Murphy, Cuyahoga Falls
 Dien Tu Nguyen, South Vietnam
 Nghia Thanh Nguyen, South Vietnam
 Elizabeth Ann Porczak, Mansfield
 Donna Jo Rolph, Mentor-Lake
 Daniel Rusyniak, Jr., Brooklyn
 David W. Sass, Sandusky
 Joe William Sayre, Columbus
 Rad Val Scott, III, Cincinnati
 Glen Michael Singer, Beachwood
 David Paul Steinmetz, Toledo
 Neil Phillip Stuber, Amherst
 Cheryl Ann Marie Sugar, Steubenville
 Stephen Boris Traicoff, Wakeman
 Robert Hans Valentin, Parma Heights
 Paul Wells Vance, Jr., Columbus
 Arthur Xenophon Vurgaropoulos,
 Lowell, Mass.
 Brian Keith Weider, Tipp City
 Richard Jay Yoch, Rocky River

Civil Engineer

One candidate

Walter Douglas Wood, Valdez, Alaska
 B.S. (University of Alaska)

Bachelor of Science in Civil Engineering

Thirty-nine candidates

John Alan Aldrich, Lagrange
 Samir A. Al-Shubaily, Beirut, Lebanon
 Charles Richard Armbruster, Bucyrus
 Earel Myroie Belford, Jr., Urbana
 Thomas Alan Bolte, Vandalia
 Carol Ann Bonini, Cincinnati
 Bruce George Brandstetter, Cincinnati
 Howard William Brown, III, Columbus
 Albert Robert Christie, II, Cincinnati
 Barry Clik, Cleveland Heights
 Denver Dean Collins, Streetsboro
 Gregory Bigham Comfert, Columbus
 David Edward Curtis, Fairfield
 Mahmoud Reza Djahanshahi, Shiraz, Iran
 Nelson Lee Eichelberger, Cincinnati
 Donald Hayes Glosser, Marion
 Marvin Lee Grieve, Jr., Xenia
 Rahim Ghorbanzadeh Haghghi,
 Shiraz, Iran
 Spain Nile James, Celina
 Kim Kremer, Celina
 Daniel Alan Lindsay, Van Wert
 Steven Guy Lowry, Columbus
 John Edward Lynch, Columbus
 Donald Kenneth Mares, Columbus
 Ronald Keith Mattox, Madison
 Kenneth Lee McCurdy, Cuyahoga Falls
 Thomas Christopher McGhee,
 Westfield Center
 Ronald Martin McOmber, Dayton
 William Calvin Nolen, Jr., Moraine
 Mark Dennis Prater, Marietta
 Gregory Repella, Steubenville
 George David Seanor, North Canton

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Douglas Jon Shealy, New Washington
Joseph Stefan Sibrich, Fairview Park
Daniel C. Stoyak, Columbus
Michael Howard Streng, Columbus
James Stanley Teater, Columbus
Carl Frederick Timeus, Jr., Sidney
David Paul Trainor, Dayton

Bachelor of Science in Computer and Information Science

Seventeen candidates

Thomas Alan Cain, Bay Village
Seth Louis Chazanoff, Euclid
Gary Michael Dybiec, Garfield Heights
Mohammad Reza Hakam, Lorestan, Iran
Mark David Hoffman, Wayne, Pa.
James Kevin House, Gahanna
Michael Kevin Howe, Springfield, Va.
*David James Koozler, Kettering
Sally Ann Lacker, Hamilton
Ronald Lynn McClain, Marion
Cindy Ann Mills, Cincinnati
Janice Ruth Naragon, Medina
Steven Michael Otting, Minster
Russell Paul Radigan, Brecksville
Georgia Ann Rumora, Columbus
Gregory Allen Smith, Columbus
Patricia Belinda Thompson, Columbus

Electrical Engineer

Two candidates

Douglas Frank Hamilton, Hamilton
B.S.
Nghiep Van, Saigon, Vietnam
B.S.E.E. (Ohio University)

Bachelor of Science in Electrical Engineering

Sixty-three candidates

Paul Julius Amling, Columbus
Randy Lee Bailey, Marion
Marc Alan Bernstein, Warren
Richard Anthony Bishel, Kensington
James Allan Capistran, Zanesville
William Morrill Casey, Reynoldsburg
James Stiles Castle, Bedford
Darwin Russell Church, Columbus
Gary Neil Clifton, Wheeling, W. Va.
William C. Colley, III, West Chester
Steven Lee Crain, Columbus
Thomas Benjamin Crane, Worthington
Richard Smith Damon, Columbus
John Dauper, Lorain
Garry Eugene Delugach, Ravenna
Thomas W. Downey, Westerville
Jeffery Edward Downs, West Carrollton
Dale William Drollinger, Medina
Ned Alan Earl, Sidney
Ronald Eldridge Earley, South Vienna
Michael Albert Franchek, Imperial, Pa.
Robert Harry Friedman,
Valley Stream, N. Y.
Monte Dale Fry, Coshocton
Gary Lee Grebus, Columbus
Abraham Halon, Hadera, Israel
Bruce Alden Hammond, Wickliffe
James Lloyd Hewlett, Columbus
F. Stuart Hicks, Fairview Park
Arthur R. Hunt, Brecksville
Douglas Clarkson Huntley, Columbus
Geoffrey Alan Kaercher, Newark
Douglas James Karl, Bay Village
*David James Koozler, Kettering

Donald Paul Kovalehik, Columbus
Richard Frederick Kroupa, Strongsville
Robert Harold Lauber, Jr., Leawood, Kans.
Da-Ching Douglas Lin, Lima
David Allan Little, Columbus
Albert Duke Littlejohn, III, Worthington
George Lester Magoun, Eastlake
Barbara Elizabeth McHenry, Dayton
Harvey Eugene Mikesell, Columbus
Henry George Miller, Newark
Scott D. Miller, Galion
John Phillip Musser, Elida
Howard Michael Needham, Dayton
Howard E. Newman, Gahanna
Jay Franklin Ockert, Rockville, Md.
Stephen Frederick Oder, Mansfield
Mark Roy Fatterson, Dover
John Charles Peffer, Columbus
James Edwin Pherson, Masury
Robert Louis Ponziani, Kettering
Dominic Ricchetti, Parma
Lawrence David Rickly, Loudonville
Alan Raymond Roney, Middleton
*Michael Robert Savage, Columbus
Mark Richard Schrote, Marion
Gary Milton Schulze, West Chester
Joseph Daniel Smisko, Wadsworth
Bruce Edmund Snider, Cincinnati
Kenneth John Stoa, South Euclid
Larry Jay Thayer, Lancaster
Bobby Lee Walters, Washington C. H.
George Steven Young, Columbus

Bachelor of Science in Engineering Physics

Six candidates

Richard Mark Kepple, Huron
Brian David Richards, Columbus
Patrick Charles Rose, Painesville
*Michael Robert Savage, Columbus
John Charles Stultz, Mt. Vernon
Ronald Lewis Swerlein, Gahanna

Industrial Engineer

One candidate

Douglas Herman Wilges, Wapakoneta
B.S.Ed.

Bachelor of Science in Industrial and Systems Engineering

Twenty-seven candidates

Karen Lynn Bode, Youngstown
Beth Roberta Breidenbach, Dayton
Neil Allen Brumback, Lorain
Garry Dale Cowles, Marion
Charles Robert Elgin, Columbus
Andrew David Falken, Lancaster
Catherine Margaret Ficken, Novelty
Jonathan Girard Flores, Columbus
John Alter Forker, II, Columbus
Barbara Jean Geib, Euclid
Gregory Alan Herrin, Bellbrook
Alan Paul Hoffmeister, North Olmsted
Andrew Jared Hughes, Dayton
Reinhard Tibor Justyak, Cleveland
Charles Louis Kapernaros, Worthington
Robert Charles Maloney, Hicksville
John Phillip Meles, Toronto
John Richard Payne, Columbus
Michael Edward Purcell, Mentor
Charles Scott Reed, Dillonvale
Ronald Gerald Schrote, Marion
Sergio Sotelo, Hamilton
Mark Andrew Tenner, Marion

William Dunham Vlasich, Columbus
David Ling Wang, Cincinnati
Jeffrey Warren Webb, Willowick
Gary Joseph Weisenberger, Findlay

Bachelor of Science in Mechanical Engineering

Forty-one candidates

Jeffrey Eric Aggas, Columbus
Todd William Alleshouse, Sugarcreek
Michael Joseph Backs, Lima
Daniel Scott Bargar, Valley City
Ralph Lee Bishop, Jr., Zanesville
Avraham Brenmiller, Tel-Aviv, Israel
James Allen Burgess, East Liverpool
Arthur L. Butts, Loudonville
Norma Sue Butts, Perryssville
Felix Laurence Cheong-Leen, Hong Kong
B.A.

Andrew Arthur Cosner,
Barboursville, W. Va.
Thomas Alan Daubenmire, Lancaster
Mark Wesley Davis, Columbus
John Allen Heath, Rocky River
Stephen Louis HelentJaris, Medway
Douglas Charles Hostetter, Pepper Pike
William John House, Jeromesville
Randall Wayne Huber, Sunbury
Charles Michael Jenkins, Columbus
Robert Alan Koblenzer, Seven Hills
Mark Allan Lamontia, Brecksville
Robert Eugene Lee, Mansfield
David Warren Legg, Belpre
Gary Thomas Mantkowski, Brecksville
Patrick Francis Meleney, Dayton
Thomas Frederick Mooney, New Lexington
Joseph Allan Moore, Columbus
Rodney Eugene Moore, Marion
Steven Randall Nelson, Columbus
Stephen Patrick Nethero, Columbus
Mark Joseph Olazko, Independence
Randall Keith Roberts, Salem
Geoffrey Linn Routson, Monroe
Michael Herman Ruese, Columbus
Konrad Ulric Schiefer, Columbus
Hanan Terkel, Ramat Gan, Israel
Douglas Alan Trotman, Ashland
Robert E. Ward, Jr., Little Silver, N. J.
Keith Loudon Wharton,
Farkersburg, W. Va.
Robert Clayton Wright, Columbus
Matthew Stanley Zelinski, Urbana

Bachelor of Science in Metallurgical Engineering

Seven candidates

Walter Lawrence Demerest, Cincinnati
Gregory Allen Fuller, Conneaut
Stephen John Lenhart, Toledo
Vyndham George Mortimer, Dayton
John Philip Sauer, Mentor
Thad Joseph Schipperet, Columbus
Mark Edward Walters, Middletown

* Also Bachelor of Science in Electrical Engineering,
College of Engineering
† Also Bachelor of Science in Computer and
Information Science, College of Engineering
‡ Also Bachelor of Science in Engineering Physics,
College of Engineering

Bachelor of Science in Welding Engineering

Sixteen candidates

Mark Allen Adams, Rittman
Paul W. Brewer, II, Redford, Mich.
Thomas Edward Doyle, Columbus
Randall Thomas Hallum, Cleveland
Todd John Huna, Warren
Michael Edwin McCleery, Columbus
Darwin Ray Morton, Brookville
James Robert Northrup, Ann Arbor, Mich.
Jeffrey Scott Noruk, Brookfield, Wis.
Robert Gregory Peed, Minford
William Joseph Rebellino, North Canton
Richard Ernest Schneider, Westerville
Ronald James Speed, Cincinnati
Stephen James Studer, Middletown
Stephen Lewis Taulbee, Worthington
Thomas Henry Widowson, Columbus

Bachelor of Science in Architecture

Sixty-one candidates

James Douglas Adams, Westlake
Harold Cecil Baker, III, Columbus
James Michael Balsamo, Dayton
Donald Alec Barany, Portsmouth
Terry Lee Bell, Huntsville
Dean Charles Bollinger, Brookville
Daniel Joseph Borcicky, Buffalo, N. Y.
David Andrew Brehm, Columbus
Richard Allen Brow, Akron
Thomas Alan Bushman, Columbus
Bruce Shaner Cain, Gates Mills
Luanne Carleton, Columbus
Stephen Ciciretto, Lyndhurst
Bill Stanley Claiborne, Dayton
Charles Eugene Clements, Bethesda, Md.
Matthew Eugene Cooper, Ashland
Steven Ray Copeland, Worthington
Keith Anson Edwards, Gibsonburg
Mitra Aesaneh Farokhpay, Tehran, Iran
Russell John Fredette,
Sarasota Springs, N. Y.
Emil George, Jr., Rocky River
Jack DeWayne Hileman, Johnstown, Pa.
Stephen LeYente Homonnay, Columbus
E.A.
Norbert Allen Howell, Hamilton
Robert Brooke Humker, Mansfield
David Michael Humphrey, Mentor
James Johnson, Columbus
Diane S. Kaufman, Columbus
Lawrence Patrick Kay, Cincinnati
Todd Wilson Knapp, Danbury, Conn.
Joseph Michael Kunkle, Toledo
Stephen Leonard Ludwinski, Seven Hills
Allen Stephen Lupton, Zanesville
Joseph Anthony Mastropaolo,
Massapequa, N. Y.
Robert Tomason Mercer, Wellesley, Mass.
Michael Allen Newman, Eaton
George John Papandreas, Lakewood
Ian Marshall Petron,
Willowdale, Ont., Canada
John Jacob Plappert, Fairborn
William Charles Prenosil, Aurora
Kenneth Carl Redman, Xenia
Charles Alan Rodenfels, Pepper Pike
Robert Hamilton Rush, Kettering
Ali Sadeghi, Tehran, Iran
Russell MacKenzie Sanders, Milford, Conn.
Garry Stephan Schroeder, Mansfield
Peter William Henry Schubert,
Neenah, Wis.
Alfred Frank Schwartz, Jr.,
King of Prussia, Pa.
Lawrence Drake Sulzer, Cleveland
Alfred Michael Sutton, Lindenhurst, N. Y.
Robert Alan Swickert, Bath, N. Y.
Roy Tabet, Beirut, Lebanon

Robert Steven Thompson, Marion
Peter Mark Viola, Wheeling, W. Va.
Dean John Vlahos, Warren
Donald Reginald Weaver,
St. Albans, W. Va.
B.A. (West Virginia State College)
Michael Howard Wildermuth, Willowick
Barbara Ruth Winzler, Waterville
Mark Wisniewski, Toledo
Richard Steven Wolf, Mansfield
David Lynn Wright, Columbus

Bachelor of Science in Landscape Architecture

Fifty-one candidates

Lorraine Marie Albert, Canton
Terrence Edward Andrews, Olmsted Falls
Jon Jay Becker, Middleburg Heights
Paul Gerald Bettenhausen, Jr.,
Eatontown, N. J.
Robert Maine Blackford, III, Dublin
James Arthur Bozzaeco, Massillon
Arlene Mary Cichan, Conneaut
Linda Sharon Cody, Reynoldsburg
William Robert Cody, Cleveland
Jeffrey Owen Conn, Cuyahoga Falls
Thomas Anthony Craven, Reading
Thomas Jay Deegenhart, Fairborn
Jack Gabriel DiClementi, Wilmette, Ill.
Claude William Doering, Parma Heights
Patrick Richard Dominik, Celina
John Patrick Donegan, Northwood
David Archer Evans, Eastlake
Patricia Louise Faux, Cincinnati
Larry Stanley Fink, Upper Arlington
Roderick Wade Garrison, Columbus
William Allen Gerhardt, Groveport
Christopher Goettege, Gnadenhuten
Jan Michael Goldfuss, Valley Stream, N. Y.
Sue Ellen Grapes, Elyria
Kim Roberta Gunderson, Dayton
Carol Pierce Harkness, Columbus
Thomas John Herlihy, Shelby
Scott Louis Hoersten, Sidney
Julie Elizabeth Karovics, East Cleveland
Richard Michael Klein, East Aurora, N. Y.
Willard Keith Lindberg, Arden, N. C.
Susan Elaine McEwen, Worthington
Keith Allen Myers, Dublin
Mark Alan Noble, Wheelersburg
William Tracy Rogers, Newark
James Leslee Salyer, Circleville
Gary Lee Segesman, Canton
Catherine Ann Serafin, Bellaire
Mary Elizabeth Sheppard, Akron
Lloyd Dennis Shields, Stroudsburg, Pa.
Gary Raymond Stierschula, Dayton
Jeffrey Allan Smith, Mansue
Ken Marvin Stoner, Uniontown
Bruce Michael Stout, New Concord
Robert Sewell Wamsley, Akron
Ellen Leslie Weinstein, Whitestone, N. Y.
Evan John Williams, Columbus
Gary Neil Wirth, Metuchen, N. J.
John Marcel Wolery, Findlay
John Charles Wood, New Concord
Bradley Wilson Young, Youngstown
Timothy James Zelek, Lorain

College of Law

Dean: L. Orin Slagle, Jr.

Juris Doctor

One hundred and eighty-four

Mark Andrew Adams, Parma
B.A. (Miami University)
Catherine Adams, Columbus
B.A.
David Warren Alexander, Springfield
B.A. (Wittenberg University)
Paul Waymon Allison, Cleveland
B.A. (Xavier Carroll University)
Brian Richard Backus, Columbus
B.A. (University of Washington)
Daniel Allen Bailey, Marion
B.S. in Bus. Adm. (Bowling Green State
University)
William F. Ballam, Jr., Columbus
B.A.
Jane Elaine Ballenger, Marion
B.S.Ed.
James Harvey Balthaser, Columbus
B.A.
Thomas Edward Barnes, Columbus
B.A.
Richard Alan Baumgart, Beachwood
B.A. (University of Rochester)
Timothy John Bechtold, Cincinnati
B.S. (Xavier University)
Gary Wayne Becker, Chicago, Ill.
B.A. (Lake Forest College)
George H. Bennett, Jr.,
Berrien Springs, Mich.
B.S. (Miami University)
Joan Marsha Black, Toledo
B.A.
Roger Craig Blocher, Akron
B.S.C.I.S.
Gordon Joseph Bosa, Cleveland
B.S.C. (Ohio University)
Glenn Eugene Bost, II, Pittsburgh, Pa.
A.B. (Cornell University)
James Michael Buckley, Wilmington
B.A. (Miami University)
James R. Burchfield, Columbus
B.A. (Kenyon College)
Robert Edward Burns, Aurora
B.A. (Marietta College)
John Ira Cadwallader, Fostoria
B.A. (Denison University);
M.A. (University of Chicago)
Thomas Gerald Carey, Cleveland
A.B. (Dartmouth College)
Geoffrey Vernon Case, Columbus
B.A. (Denison University)
Gregory Alan Chapman, Williamsburg
B.S.C. (Ohio University)
Edward Kefgen Cheffy, Barnesville
A.B. (Harvard College)

Guy Grover Cline, Jr., Ashville
B.S.M.E.

Steven Allan Cohn, Hillsborough, Calif.
A.B. (Stanford University)

Joseph Linn Colburn, Jr., Columbus
B.A.

Peter Collins, Jr., Columbus
A.B. (Georgetown University)

Joseph Charles Cometti, Charleston, W. Va.
A.B. (West Virginia University)

John Watson Cook, III, Columbus
B.A. (Carleton College)

William Jay Cooper, Columbus
B.A.

William J. Corzine, III, Chillicothe
B.A.

John Marion Cox, Jr., Columbus
B.A. (Park College)

Michael Sellers Crane, Columbus
A.B. (Harvard College)

Cynthia Cheryl Cummings, Columbus
A.B. (Princeton University)

William Charles Curley, Columbus
B.A.

Robert Michael Curry, Geneva
B.A. (Miami University)

Richard Carlton Daley, Brecksville
B.A. (Capital University)

James Marshall Daniels, Springfield
B.A.

Steven Lynn Dauterman, Findlay
B.A. (Muskingham College)

Dinah Lea DeVere, Columbus
B.A.

David William DeVita, Lima
B.A. (University of Notre Dame)

Walter Zachary Dolyk, Amherst
B.A. (Ohio Northern University)

Jon Alan Doughty, Springfield
B.A. (Wright State University)

Daniel William Dreyfuss, Cleveland
B.G.S. (Ohio University)

Lois Freyer Duran, Lima
B.A.

Judith Lanman Edwards, Lancaster
B.A. (Ohio Wesleyan University)

Julie Anna Edwards, Massillon
B.A.

Richard Allan Estabrook, Columbus
B.A. (Wesleyan University)

Terence Leslie Fague, Dayton
A.B. (Wilmington College)

Terrence Michael Fay, Lakewood
B.A., B.S. (Baldwin-Wallace College)

John Corwin Fergus, II, Columbus
B.A. (Denison University)

Bernard Matthew Floetker, Cincinnati
B.A. (University of Cincinnati)

Patricia Anne Folkert, Columbus
B.A. (Wright State University)

Francis Xavier Frantz, Uniontown
B.A. (University of Akron)

Martin Harvey Frantz, Stow
B.A.

Ronna Lee Friedman, Cincinnati
B.A. (Northwestern University)

Stephen David Froikin, Dayton
B.A. (University of Chicago)

Sharonrose Kim Gale, Columbus
A.B. (Stanford University)

John Patrick Gartland, Cleveland
B.A. (John Carroll University)

John Joseph Gideon, Columbus
B.A.

Robert Joseph Gilker, Cincinnati
B.A. (University of Cincinnati)

James Dennis Godbey, Toledo
B.A. (University of Toledo)

K. Stuart Goldberg, Dayton
B.A. (Wright State University)

Richard John Gonzalez, Canton
B.A. (Northwestern University)

John Patrick Gordon, Elida
B.A. (Miami University)

Scott Edward Gordon, Akron
A.B. (University of Michigan)

Joan Louise Grant, Columbus
B.A. (Miami University)

Doris Guinevere Green, Carbondale
B.S. (Southern Illinois University)

Robert Louis Grossman, South Euclid
B.A.

Michael Earl Grove, Massillon
B.A. (Miami University)

Stephen John Habash, Steubenville
B.A.

Terence Richard Hagley, Chillicothe
B.G.S. (Ohio University)

Thomas E. Hamer, Dayton
B.A. (Anderson College)

Diane Elaine Hanson, Columbus
B.A. (Atlantic Union College)

Ralph Brian Hazelbaker, Columbus
B.G.S. (Kent State University)

Howard Bruce Hershman, Toledo
B.A. (University of Toledo)

Sandra Kay Hobson, Chicago, Ill.
B.A. (Northwestern University)

Paula Kay Hopkins, Cincinnati
B.A.

Stephen David Jacobson, Elmira, N. Y.
B.S. (Cornell University)

Wayne Alun Jenkins, Mayfield Heights
B.A. (Denison University)

Jeffrey Rutledge Jinkens, Columbus
B.S.Bus. Adm.

Nora E. Jones, Columbus
A.B. (Oberlin College)

William George Kalasky, Canfield
A.B. (Georgetown University)

Kenneth Joseph Kallberg, Lyndhurst
B.A. (University of Notre Dame)

David Laurence Karmol, Toledo
B.A. (Miami University)

Keith Lane Kennedy, Steubenville
B.A. (College of Steubenville)

Daniel James Klonowski, Cleveland
A.B. (Ohio University)

Leon Knight, Washington, D. C.
B.A. (Central State University)

Charles Anthony Koenig, Mentor
B.S.

Suzanne Miller Koestner, Fort Worth, Tex.
B.A. (Austin College)

Robert Martin Krivoshey, New York, N. Y.
B.A. (Yeshiva University);
M.A., Ph.D. (University of Chicago)

Susan Mary Kuzma, Seven Hills
B.A.

Adrienne Canter Lalak, Springfield, N. J.
A.B. (Upsala College)

Thomas Neal Ledvina, Parma
B.S. (United States Naval Academy)

Gary James Leppla, Vandalia
B.A.

Jane Eleanor Lesley, Barberton
B.C. (Case Western Reserve University)

Mark Alan Leslie, Columbus
B.A. (Miami University)

Jeffrey Stockwell Limes, Hillsboro
B.S.Bus. Adm.

Jean Marie Luczkowski, Sheffield Village
B.A. (John Carroll University)

Richard Walker Mack, Columbus
B.A.

Victoria Anne Manley, Columbus
B.S.

Mary Elizabeth Manton, Bryan
B.A.

Gerald Lawrence Margolis, Lorain
B.A.

Karen Lucille Martin, Columbus
B.A.

Kenneth L. McLaughlin, Reynoldsburg
B.S.Edu.

Robert Peter McManus, Rockville Center, N. Y.
B.B.A. (University of Notre Dame)

Susan Elaine McNally, Floral Park, N. Y.
B.A.

David Wayne Mellott, Springfield
B.A. (Miami University)

Jill Young Metcalf, Tampa, Fla.
B.A. (University of South Florida)

Robert Andrew Meyer, Bloomington, Ind.
B.S. (Indiana University)

Michael Reid Miles, Salem
B.S. (Ohio University)

David Paul Miraldi, Amherst
B.A. (College of Wooster)

Randall Edwin Moore, Columbus
B.S. (Massachusetts Institute of Technology)

Charles Howard Munnell, Masury
B.A. (Kent State University);
M.A. (Columbia University)

Gary William Nagel, Dayton
B.A. (Wright State University)

Mark Forrest Neubecker, Cleveland
B.A. (Case Western Reserve University)

Daniel Francis Novak, Lackawanna, N. Y.
B.A. (University of Notre Dame)

Stephen Nypaver, III, Parma
A.B. (John Carroll University)

Timothy William O'Day, Pepper Pike
B.A. (Yale University)

David Conrad Olson, Columbus
B.A. (Williams College)

Julia Lou Osborne, Columbus
B.A., M.A.

Joan Elizabeth Parks, New Bern, N. C.
B.A. (North Carolina Central University)

Carol Joy Perry, Northlake, Ill.
B.A. (Northern Illinois University)

Willie Ray Persons, Hinesville, Ga.
B.S. (Armstrong State College)

Margaret Ann Polanski, Mineral Ridge
B.A. (Denison University)

Gary Arthur Potts, Cleve
B.A. (Case Western Reserve University)

Jeffrey Dean Quayle, Tallmadge
B.S.Bus.Adm. (Miami University)

Daniel Evans Ramer, Piqua
A.B. (University of Miami)

Richard Joseph Remley, Youngstown
B.A. (University of Notre Dame)

Frederick William Rice, Columbus
B.A.

Andrew Michael Roemer, Lyndhurst
A.B. (Ohio University)

Larry Roy Rothenberg, University Heights
B.S.A. (Ohio University)

Peter Joseph Rue, Chagrin Falls
B.A. (University of Rochester)

Philip Patrick Ryser, Westlake
B.A. (Case Western Reserve University)

Gary D. Saltsman, Cleveland
B.S.Ed. (Bowling Green State University)

Louis James Sandor, Lancaster
B.A. (Ohio Dominican College)

Scott Paul Sandrock, Navarre
B.A. (University of Notre Dame)

Alfred Eugene Schrader, Akron
B.A. (Kent State University)

Stephen Allen Schumaker, Springfield
A.B. (Wittenberg University)

Dennis George Schwallie, Cincinnati
B.B.A. (University of Cincinnati)

Joan Patrick Selby, Canton
B.A. (Ohio Wesleyan University)

Connie Lynn Sharma, Lexington
B.A.

James Raymond Sheatsley, Jackson
B.A.

Carol Ann Sheehan, Midland, Mich.
A.B. (University of Michigan)

Karen Shoupe, Findlay
B.G.S. (University of Michigan)

Thomas John Sigmund, Parma
B.A.

Patrick Lee Singer, Portsmouth
B.A.

Christopher Charles Skambis, Jr., Mentor
B.A. (University of Connecticut)

Janice Nelzine Skipper, East Cleveland
B.A. (University of Pennsylvania)

Ramsay Hill Slugg, Mansfield
B.A. (Wittenberg University)

Robert Freeman Smith, III, Toledo
B.A.

Peter Russell Sorem, Rochester, N. Y.
B.S.

Eleanor Louise Speelman, Crestline
B.A. (Wittenberg University)

Jane Ann Spring, Uhrichsville
A.B. (Ohio University)

Vicki Lynn Sprout, Columbus
B.A. (Denison University)

David Alan Swift, Piqua
B.A. (Miami University)

Christine Marie Tanoury, Zanesville
B.A.

Leslie Mari Taoka, Toledo
B.A. (University of Toledo)

Richard Terry Taps, Columbus
B.A. (Denison University)

Stephen Giles Thompson, Brunswick
B.S.J. (Ohio University)

Jerral Edward Towery, Dayton
B.A. (Wright State University)

James Paul Triona, New Lexington
B.A. (Georgetown College)

Gary Matthew Troyan, Parma Heights
B.A. (Bethany College)

Patricia McGough Tweel, Columbus
B.A. (Miami University); M.A.

Timothy Nicholas Tye, Dayton
B.A. (Miami University)

Stephen Francis Vogel, Cincinnati
B.A. (University of Kentucky)

Kurt J. von Boeselager, Cincinnati
B.A.

Randall Mitchell Walters, Columbus
B.S.Bus.Adm.

Douglas Wesley Warnock, Fairview Park
B.A. (Ohio Wesleyan University)

Robert Arnold Weible, Dover
B.A. (Wittenberg University)

Daniel W. Westerburg, Columbus
B.A.

Leslee Rose Wilkins, Chillicothe
A.B., M.A. (Ohio University)

Shirley Ann Williams, Albany, Ga.
B.A. (Albany State College);
A.M. (University of Illinois)

David Paul Williamson, Westerville
A.B. (Ohio University)

Samuel D. Williamson, California, Pa.
B.S.Bus.Adm.

Philip Higbee Wolf, Westlake
B.A. (Ohio Wesleyan University)

Russell Thomas Woodson, Evansville, Ind.
B.S. (Indiana University)

Gary Evan Wright, Fairborn
B.S. (Miami University)

Jane Audrey Yeager, Medina
B.S.Edu.

Wayne Alexander Zacour, Orrville
B.A. (College of Wooster)

Robert William Zumstein, Columbus
B.A.

Michael Hunter Albrink, Ironton
B.S.

Donald Stanley Amdur, University Heights
B.S.

°James John Andrasko, Columbus
B.S.

David Allan Baldrich, Portsmouth
B.S.

Laurence Havens Ballou, Jr., Akron
B.S. (Ohio University)

David Charles Baringer, Canfield
B.A. (Johns Hopkins University)

George William Barnett, Jr., Columbus
B.S.

Robert Willis Barnett, Avon
B.S. (Muskingum College)

Gregory Alan Barrett, Tipp City
B.A.

Martin Howard Beerman, Dayton
B.A. (Miami University)

Lawrence David Bell, Cincinnati
B.S. (Massachusetts Institute of
Technology)

Leo Leon Bennett, Northfield
B.S.

Constance Ann Benson, Columbus
B.S.

John Lawrence Bever, Somerset
B.S. (University of Notre Dame)

H. Stephen Beyer, Columbus
B.S. (Denison University)

Michael Peter Binder, Richmond Heights
B.S. (Heidelberg College)

Janice Fay Blazina, Columbus
B.S. (Youngstown State University)

Alan Belmont Bradley, Greenville
B.A.

Deborah Dee Brien, Farmdale
B.A. (Youngstown State University)

Diane Loise Brinkman, Cincinnati
B.S. (College of Mount St. Joseph on
the Ohio)

Michael Dale Brogan, Canton
B.A.

Danny Lee Brown, Dayton
B.S., M.S.

Carl Dale Brueggemeyer, South Euclid
B.S. (Cleveland State University);
M.S. (University of Rochester)

Michael James Buran, Parma
B.A. (Kent State University)

Robert David Burns, Ashland
B.A. (Thiel College)

David Dean Burnside, West Carrollton
B.S. (Baldwin-Wallace College)

Stephen Bushek, Worthington
B.A. (Kent State University)

Catherine Englis Butler, Berea
B.A. (Winona State College)

Diane Arlene Butler, Jefferson
M.S. (Cleveland State University);
B.S. (Mount Union College)

Douglas John Butler, Centerville
B.A. (Miami University)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Two hundred and seven candidates

Stephen Lawrence Adams, St. Joseph, Mich.
B.A.; B.S. (University of Dayton)

* Also Bachelor of Arts, Colleges of the Arts and
Sciences

Richard Henry Byers, Jr., Westerville
B.A. (Otterbein College)

Edgar Lee Charlton, Lima
B.S. (University of Cincinnati)

John Louis Clark, Louisville
B.S.

Robert Alan Clark, Dayton
B.S. (Wright State University)

Lynn Marie Cleary, Youngstown
B.S. (College of William and Mary)

Bradford George Colegate, Harrison
B.A.

Dennis Allen Conrad, Gibsonburg
B.A.

Christopher Marsh Copeland, Columbus
B.S. (Ohio Wesleyan University) M.S.

Jennifer Fay Culver, Columbus
B.S.

Peter Charles Dandalides, Chardon
B.S.

Christopher Lou Demas, Reynoldsburg
A.B. (Ohio University)

Jeffrey Michael Dicke, Defiance
B.A. (University of Toledo)

Marie Nancy DiLauro, Silver Lake
B.A. (Kent State University)

Gerald Francis Dixon, Youngstown
B.S. (Youngstown State University)

Paul Michael Dorinsky, Columbus
B.S.

Thomas E. Dunaway, Sidney
B.A. (Olivet Nazarene College)

David Joe Dunbar, Mount Blanchard
B.A. (Ohio Northern University)

David Ned Dunbar, Defiance
B.A.

Peter Michael Dureska, Canton
B.S. (University of Notre Dame)

Robert Stephen Eby, Northwood
B.S.

Richard Wayne Effinger, Willoughby Hills
B.A.

Barry Allan Efron, University Heights
A.B. (Cornell University)

Michael Joseph Felter, Shelby
B.S.

Aaron Robert Folsom, Bellefontaine
B.A. (Capital University)

Patricia Reilley Forman, Cleveland Heights
B.S. (John Carroll University);
M.A. (St. John's University)

Alan Gray Forshey, Caldwell
B.S.

Warren Nathan Frank, Cleveland
B.A. (Case Western Reserve University)

Ronald Dayle Frazier, Cumberland
B.S.

Susan Anne Gallagher, Sandusky
B.S. (Notre Dame College)

James Gregory Gardner, North Lawrence
B.S. (Wheaton College)

Mary Ellen Gerst, Caldwell
B.S. (Muskingum College)

Robert Lee Gilliam, Seminole, Fla.
B.A. (Wright State University)

Janet Lee Graham, Youngstown
*David Scott Grierson, Dayton
Donald Frank Hammer, Cleveland
B.A. (Case Western Reserve University)

Bruce Lee Hammond, Toledo
B.S. (Adrian College)

Charles Scott Harrod, Delaware
B.A. (Miami University)

Ronald Ray Harvey, Warren
B.S. (Ohio University)

William Clyde Helvey, Newark
B.A. (Miami University)

*William Arthur Hensel, Columbus
Jeffrey Richard Hoodin, Niles
B.S. (Ohio University)

Connie Sue Horn, Lynchburg
B.S. (Union College)

Gregory James Hummer, Cleveland
B.S. (University of Notre Dame)

Gregory Allan Hussa, Cincinnati

Rebecca Dorothy Jackson, Columbus
B.S.

Martin David Jendrisak, Silver Lake
B.S. (University of Akron)

Ivan Tadashi Kanno, South Euclid

David Laurence Kauffman, Marshalville
B.S. (Akron University)

James Patrick Kessler, Columbus
B.S.

Richard Marion King, Charleston, W. Va.
B.S. (Bluefield State College);
M.S. (Cleveland State University)

Robert Leslie Kleinman, Mayfield Heights
A.B. (Miami University)

Linda Jane Knapp, Parma
B.S. (John Carroll University)

James Arthur Knapp, Lima
B.S.

George Alexander Koestner, Columbus
B.A. (Oberlin College)

Alex Koufos, Canton
B.A.

Steven Corey Kowaleski, Toledo
B.A. (Saint Louis University)

David William Kozy, Toledo
B.S. (University of Toledo)

Robert David Lacker, Hamilton
B.S.

Richard Bryan LaFountain, Alliance
B.S. (Mount Union College)

Nancy Louise Lammert, Shaker Heights
B.A. (College of Wooster)

Thomas Edward Lautzenheiser, Van Wert
B.S. (Wright State University)

Thomas Adam Lazor, Lakewood
B.A. (Valparaiso University)

Sue Ann Leatherman, Perrysburg
B.S. (Emory University)

Michael Louis Levin, Toledo
B.S.

James Pearl Lewis, Dayton
M.A.; B.S. (University of Dayton)

Jerry Joseph Lierl, Cincinnati
B.S. (Xavier University)

Donald Eugene Long, Jr., Chagin Falls
B.S.

*Louis Sozon Lyras, Campbell

John Dudley Malone, Garfield Heights
B.S. (Ohio Northern University)

Stephen Michael Manier, Dayton
B.S. (Pikeville College)

Rimas Jonas Maurukas, Elyria
B.A.

George Walter Maxymiv, Seven Hills

Stephen Allan McClave, Columbus
B.A. (Miami University)

Kevin Albert McKiterick, Allison Park, Pa.
B.A. (Kent State University)

Samuel Joseph Meadema, Bay Village
B.A.

Richard Harper Meeks, Columbus
B.S.; M.S. (Denison University)

Peter Karl Meyer, Columbus
B.A. (Miami University)

Mary Lynn Michels, Rocky River
B.S.

Jeffrey William Milks, Amherst
B.A.

Charles Dale Miller, Fremont
B.S. (Miami University)

Ronald Lee Miller, Columbus
B.A.

James Harold Mills, Bloomingdale
B.S. (Muskingum College)

Richard Denison Molina, Princeton, Fla.
B.S. (Case Western Reserve University)

Gregory Lynn Moore, Westerville
B.S.

Marcia Lynn Mounts, Dublin
B.S. (University of Michigan)

John Douglas Mountz, Dayton
B.S. (Wright State University);
M.S. (Michigan State University); Ph.D.

Richard Donald Murray, Clinton
B.A. (Case Western Reserve University)

Deborah Jane Nash, New Carlisle
B.S.

DeMar Austin Neal, III, Lakewood
B.S. (Northwestern University)

Richard Norman Nelson, Norton
B.S. (University of Akron)

Victoria Nikolaidis, Massillon
R.N. (Massillon City Hospital); B.S.

Laura Lee Norling, New Middletown
B.A. (Spring Arbor College)

Phyllis Ann Oblander, Rocky River

Barbara Gay O'Keefe, Urbana
B.S.

Carin Marie Olson, Athens
B.A. (Indiana University)

Steven Gary Ostrov, Akron
A.B. (Colgate University)

Mark William Parker, Alexandria, Va.
B.A.

Howard Mark Pelteson, Columbus
B.S. (University of California-Berkeley)

* Also Bachelor of Arts, Colleges of the Arts and Sciences

- Paul Thomas Pennza, Euclid
B.S. (Cleveland State University)
- Mark James Peters, Tipp City
B.A. (Valparaiso University)
- Gregory Alan Peterson, Youngstown
B.A. (Case Western Reserve University)
- Robert Edward Petras, Youngstown
B.A. (Case Western Reserve University)
- Harvey James Pierce, III, Dayton
B.A. (Wabash College)
- David Lee Porcelli, Cleveland
B.S. (John Carroll University)
- Scott Saylor Poggai, Independence
B.A. (Miami University)
- Ronald Peter Rapini, Akron
B.S. (University of Akron)
- Peter Joseph Reilly, Toledo
B.S. (University of Toledo)
- Mary Nauman Renner, Kettering
B.S.
- Dale Edward Reno, Washington C. H.
B.S.
- Christopher Allen Rice, Akron
B.S.
- Ricky Edwin Ricer, Woodsfield
B.S. (Muskingum College)
- Perry William Robinson, Cleveland
B.S. (Massachusetts Institute of
Technology)
- Steven Gale Roshon, Oetz
- Toni Lynne Rossi, Ashtabula
B.S. (Kent State University)
- John Francis Rotilie, Akron
B.A.
- Nicholas Steve Roulakis, Campbell
B.S.
- Omar Sine Salem, Toledo
B.S. (University of Toledo)
- Wolfram Earl Samlowski, Columbus
B.A.
- Howard Briggs Sampson, Jr., Columbus
B.S.
- Jeffrey Steven Sams, Fairview Park
B.A.
- Randy Alan Sansone, Westerville
B.S.
- Michael Craig Schmitt, Parma Heights
B.S. (Case Western Reserve University)
- Karl Joseph Schmitter, Hamilton
B.A. (Washington University)
- Steven Michael Schneider, Centerville
B.S.
- Stephen Charles Schreck, Hilliard
B.A.
- Kathleen Ann Schroeder, Parma
B.S.
- John Frederick Schwerkoske, Toledo
- Allen Gene Schwisow, Maumee
B.A. (Capital University)
- Charles Henry Shaw, Jr., Akron
B.S. (Duke University)
- Carl Kwaangsik Shin, Willoughby
B.S. (Bowling Green State University)
- Lee Thomas Simon, East Palestine
B.S.
- James Gordon Sivard, Jr., Lyndhurst
- Algirdas Julius Skrinska, Eastlake
B.S. (Massachusetts Institute of
Technology)
- Frederick Andrew Slezak, Barberton
B.S. (University of Akron)
- Martha Ellen Snyder, Somerset
B.S. (Georgetown College)
- Timothy Bruce Sorg, Lucasville
B.A. (Taylor University)
- James Sosnowchik, Sagamore Hills
B.S.
- James Thomas Spaeth, Cincinnati
B.S.
- John Hughey Sprinkle, Jr., Columbus
B.S.
- Robert Johnson Sprouse, Columbus
B.S.
- Steven Michael Steinberg, Toledo
B.S.
- Ernest Methuse Stewart, Akron
B.A. (Northwestern University)
- Kevin Christopher Strait, Ashland
B.A.
- Paul Lee Strausbaugh, Arcadia
B.S. (University of Michigan);
B.S. (United States Air Force Academy)
- Thomas Dean Sunnenberg, Mount Healthy
B.S. (University of Cincinnati)
- Dennis Michael Super, Amherst
B.S. (Ashland College)
- Paul Eugene Swaney, Burton
B.S.
- Leon Newton Sykes, Jr., Lakewood
B.A.
- Gregory Noel Thompson, Shaker Heights
B.S. (Boston College)
- Joseph Edward Thorpe, Troy
- Wayne Daniel Traetow, Columbus
B.A.
- Lucilius Allen Tucker, Columbus
B.S. (Wilberforce University)
- Gary Robert Turner, Youngstown
B.S. (University of Notre Dame)
- David Joseph Utlak, Parma
B.A. (Kenyon College)
- George Richard Vandembark, Zanesville
B.S. (Muskingum College)
- Geoffrey Lynn Vaupel, Canton
B.S. (Marietta College)
- William Fredric Veber, Kirtland
B.S. (Purdue University)
- Andrew John Vear, Cincinnati
B.A. (St. Louis University)
- John Frederick Vickers, Columbus
B.A. (Otterbein College)
- Joseph Ronald Voland, Northfield
B.A. (Case Western Reserve University)
M.A.
- Joseph Albert Wapenski, Parma
B.S. (University of Michigan)
- Teresa Jean Warren, Wilmington
B.A. (Earlham College)
- Melissa Louise Weaver, Fremont
B.S.
- Karen Elaine Wells, Steubenville
- Donald Freeman Westra, Jr., Columbus
B.A.
- Anthony John Williamitis, Kettering
B.S. (University of Dayton)
- Anthony Williams, Youngstown
B.S. (Wilberforce University)
- Matthew C. Wilson, South Point
B.A.
- Robert Ira Winer, Eastlake
- John Warner Wolverson, Newark
B.A. (Kent State University)
- Wiley Grey Woodard, Jr., Columbus
B.S. (Albany State College);
M.S. (Iowa State University)
- Patricia Chee-Fang Yeung, Cincinnati
B.S.
- David Lawrence Yontz, Powell
B.A. (Ohio Dominican College)
- Robert Allen Young, Youngstown
B.A. (University of Michigan); M.S.
- Janice Zunich, Amherst
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

One hundred eighty-four candidates

- Gregory Paul Abbott, Brooklyn
Hollis Joan Allen, West Bloomfield, Mich.
Patricia Breckenridge Allen,
Beckley, W. Va.
Mary Elizabeth Anderson, Springfield
Linda Jeanne Armstrong, Toledo
Deborah Sue Baker, Dayton
Rebecca Sue Bardon, Nevada
Debra Elaine Beasley, Xenia
Jo Ann Becker, Columbus
James Allen Bell, Columbus
Kristine Dolores Bell, Ashley
Thomas Clyde Bellamy, Norwalk
B.A. (College of Wooster)
Jean Marie Bennett, Dayton
Dawn Joette Bettin, Grove City
Robert Arthur Bidwell, Columbus
Raymond Mark Bilecky, Strongsville
Susan Elizabeth Binkley, Toledo
Peggy Irene Bohland, Mansfield
Jane Elison Bondurant, Marietta
Maria Elizabeth Bowling, Cincinnati
Teresa Hite Bryan, Sabina
Cathleen Elizabeth Buckon, Triangle, Va.
Linda Jean Butrey, Lorain
Ann Teresa Casey, Akron
Ann Marie Chambers, Tiffin
Linda Burza Childs, Columbus
James Edward Clark, Parma
Andrew David Clark, Springfield
Ann Marie Clayton, Convoy
Rita Gottesman Clowson, Dayton
Gregory Lynn Coburn, New Boston
Amy Sue Coffey, Vandalia
Ava Lynn Cohen, New Castle, Pa.
Tina Marie Colaizzo, Canonsburg, Pa.
Cynthia Sue Collins, Galena
Laurence D. Conley, Berkeley, Calif.
Rashonna Lynn Conley, Plain City
Faith Theresa Conrad, Ravenna
Leslie Sue Conrad, Columbus
Joan Kathryn Cooley, Milan
Janet Ann Coy, Columbus
Barbara Kathleen Crabbe, Sciotoville

James Richard Cropper, Wheelersburg
 Janet Ruth Dames, Cincinnati
 Lu Ann Davis, Jonesboro, Tenn.
 Pamela Yannary Dean, Columbus
 Catherine Mary Detamore, Columbus
 Barbara J. Diederick, Lagrange
 Ann Doody, Rocky River
 Mary Elizabeth Dorn, Dayton
 Amy Sue Durbin, Waterville
 Deborah Lynn Edwards, Elyria
 Barbara Ann Evers, Cincinnati
 Timothy Fearon, Cuyahoga Falls
 Susan Lee Fischer, Avon
 Kay Marie Fizer, Oak Harbor
 John Scott Fletcher, Columbus
 Cynthia Maria Fodor, Waterford, Conn.
 Diana Lynn Fullen, Columbus
 Michael George, Columbus
 Rebecca Lynn Gillespie, Columbus
 Cheryl Gissentanner, Elizabeth, N. J.
 Beverly Johnson Graham, Columbus
 Cynthia Marie Gray, South Euclid
 Deborah J. Groth, Lakewood
 Donna Elaine Guigas, Parma
 Rita Vinsel Guthrie, Wadsworth
 Janice Lynn Hagen, Cincinnati
 Wanda Lou Hannah, Cincinnati
 Richard Lewis Hash, Jr., Sidney
 Jacqueline Mary Hazlett, Columbus
 Brenda Hutcheson Head, Sunbury
 Sheryl Lynn Hedges, Prospect
 Rosemary Muldowney Helt, Columbus
 Maxine Henderson-Emly, Crestline
 Lori Ida Hermelin, University Heights
 Robert John Hibner, Coldwater
 Betsy Emilie Hirsch, Cincinnati
 Noven Barbara Javornik, Fostoria
 Theresa A. Kaduk, Lyndhurst
 Timothy Allen Kaminski, Toledo
 Gayle Ann Kasmarek, Seven Hills
 David John Katterhenrich, Grove City
 Kathy Lynne Keck, New Carlisle
 Lila Marie Khoury, Lakewood
 Diane Marie Klingemier, Leavittsburg
 Robert Stanley Koch, Cincinnati
 John Andrew Kozak, Toledo
 Nancy Lynn Panaro Kozak, Cincinnati
 Cynthia Marie Kramer, Cleveland
 Joyce Marie Krantz, Dover
 Hollie Ann Kreindler, Cincinnati
 Deborah Jean Kuhl, Hudson
 Cynthia Jo Lampe, Tiffin
 Sharron Lee Lane, Zanesville
 Valerie Rose Law, Warren
 Charlotte Ann Leslie, Springfield
 Terry Lynn Lewis, New Philadelphia
 Jenny Elizabeth Logue, Pittsburgh, Pa.
 Martha Lynn Luby, Huron
 Mark Anthony Macri, Martins Ferry
 Patty Espenschied Mather, Dover
 Ruthann Mary Marino, Maple Heights
 Kathy Marie Marshall, Cincinnati
 Eric David Matchison, Sunbury
 Steven James Mayes, East Canton
 Marc Kevin Mays, Chesapeake
 Wendy Jane McCurdy, Marion
 Bob J. McGoough, Columbus, Pa.
 Kathleen Anne McLaughlin, Southington
 Raquel Meles, South Euclid
 Kathleen Anne Miller, Dayton
 Barbara Elizabeth Moleador, Kent
 Joyce Elaine Moore, Shreve
 Marianne Morando, Columbus
 Thomas Wilbur Morgan, Chillicothe
 Steven Michael Mowbray, Akron
 Judith A. Murphy, Marion
 Timothy Charles Murphy, Poland
 Cynthia Ellen Nadelson, Brightwaters, N. Y.
 Kathleen Ann Nusekabel, Cincinnati
 Katherine Barnhart O'Brien, Delaware
 Crystal Jane Overholt, Piqua
 Amy Jean Palaheris, New Richmond
 Kathryn Ann Payne, Independence
 Geoffrey Alan Peistrup, Columbus
 Debra Elizabeth Pelella, Newburgh, N. Y.
 Larry Louis Phillips, West Jefferson
 Mary Jo Poeppelman, Versailles

Susan Jane Radcliff, Columbus
 Paul Franklin Ramsey, Bethel Park, Pa.
 Gail Rawlings, Columbus
 Dolores Jeanne Reeder, Massillon
 Barbara Ann Reichenbach, Bluffton
 Sallee Gene Renswick, Medina
 Carol Jeanne Ritter, Perrysburg
 Gwen Roberts, Haddon Heights, N. J.
 Janet Elaine Rogers, Columbus
 Ann Marie Romick, Parma Heights
 Kathryn Church Root, Jefferson
 Margaret Ann Rose, Columbus
 David Charles Ross, Warren
 Shawn Rowan, Columbus
 Jeffrey Lee Rowe, Columbus
 Susan Lillian Sadlek, Parma
 Raymond G. Sammartino, Youngstown
 Richard Lee Scherbarth, Columbus
 B.S.
 Ann Louise Schreck, Hilliard
 John Andrew Schuler, Kettering
 Matthew Arthur Schultz, Tiffin
 Anita Debra Seaman, South Euclid
 Barbara Marie Shelby, Columbus
 Cheryl Susan Shellenbarger, Columbus
 Holly Ann Shepperd, Worthington
 Rebecca Lynn Short, Bryan
 Marie Elizabeth Simes, Euclid
 Mary Katherine Simpson, Waterville
 Lauren Patricia Slapak, Parma
 Melvina Meryl Smith, West Farmington
 Sally Anne Smith, McComb
 Sheri Lynne Smith, Columbus
 Carol Jean Snyder, Wooster
 Ilene Gayle Sommer, Bayside, N. Y.
 Pamela Marie Sovich, Lyndhurst
 Beth Ann Springer, Dover
 Marilyn Jacoby Steedman, Columbus
 Mitchell Lynn Stillberger, Sycamore
 Beth Elaine Taylor, Killbuck
 Katharine Ann Theiss, Worthington
 Terri Johnson Traucht, Urbana
 Deborah Vanell, Sylvania
 Diana Louise Wade, Newark
 Margaret Jo Wadlington, Eaton
 Timothy Walsh, Lakewood
 Barbara Joyce Weaver, Quincy
 Kathryn Sue Weber, Ottawa
 Carol Ann Weinhart, Grove City
 Ellen Marie Wellmeier, Dayton
 Catharine Ann White, Columbus
 Darlene Sue Winters, Dayton
 Donna K. Wolke, Ottawa
 Kimberly Sue Wumer, Toledo
 Gregory Mark Zath, Brooklyn

Certificate of Nurse Anesthetist

Four candidates

Kenneth Alan Creps, Columbus
 B.S. Nursing (Wright State University)
 Sunny Sue Smith, Columbus
 R.N. (Aultman Hospital School of Nursing, Canton)
 Patricia Marie Studebaker, Mt. Sterling
 R.N. (Good Samaritan Hospital School of Nursing, Dayton)
 Eileen Yamataki, Columbus
 A.S. Nursing (Cuyahoga Community College)

Certificate of Post Baccalaureate Circulation Technologist

One candidate

Timothy Allen Lein, Columbus
 B.A. (Miami University)

Certificate of Post Baccalaureate Medical Technologist

Six candidates

Michele Morgan Grady, Columbus
 B.S. (Wright State University)
 Regina Adele Koch, Oxford
 A.B. (College of Mount Saint Joseph on the Ohio)
 Kenneth Lee Smith, Columbus
 B.S.Ed., M.A.
 Debra Allison Woods, Columbus
 B.S.Agr.
 Jennifer Chi Wu, Mayfield Heights
 B.S. (National Taiwan University)
 Dennis Lee Zimmerman, Columbus
 B.S.

School of Nursing

Bachelor of Science in Nursing

One hundred and forty-nine candidates

Grace Dicklen Adams, Montpelier
 Susan Helene Adler, Toledo
 Kim Susan Alexander, Chagrin Falls
 Sandra Jaye Andreini, Oakdale, Pa.
 Bonnie Lou Ayers, Zanesville
 Teresa Elaine Bechdoll, Harrod
 Yvonne Pizzuro Behrendt, Columbus
 Kathleen Carol Binzel, Washington C. H.
 Gina Mary Bletsou, Kent
 Lisa M. Bohl, Columbus
 Karyn Cecelia Boltz, Sidney
 Deborah Ann Bosack, Toledo
 Mary Ann Brassfield, Wilmington, N. C.
 Lisa Ann Briggs, Upper Arlington
 Darcy Marie Browne, Centerville
 Victoria Ann Bruzese, Columbus
 Debra Lynn Butler, Cincinnati
 Diane Elizabeth Butts, Columbus
 Maria Antonietta Canestraro, Willowick
 Angela Maria Castello, Fairport Harbor
 Nancy Arndt Cencula, Columbus
 Nancy Lee Chambers, Columbus
 Rise Jean Christian, Conroy
 Mary Margaret Condron, Kettering
 Martha Toelle Conti, Columbus
 Carolyn Corry, Sandusky
 Jennifer Ann Cover, Homeworth
 Karen Michele Curtis, Baltimore, Md.
 Susan Elaine Davis, North Canton
 Doreen Anne Dean, Centerville
 Donna Kay Dempsey, Williamson, W. Va.
 Melody Ann Dickinson, Cuyahoga Falls
 Judith Marie Donley, Boston Heights
 Patricia Rothenburger Doyle, Columbus
 Jennifer Camp Dresbach, Chillicothe
 Nancy Kay Dunn, Wilmington
 Dennis Robert Egan, Columbus
 Loretta Anne Fantozzi, Eastlake
 Cynthia Lynne Farley, Milford
 Cynthia Ruth Fauser, Lakewood
 Patricia Anne Felter, Shelby
 Maribeth Schroeder Ferrante, Columbus
 Lauralyn Clements Finley, Gahanna
 Brenda Gail Finnicum, Gallipolis
 Helen Carole Fischback, Reynoldsburg
 Susan Jane Fisher, Columbus
 Jenny Arlene Freeman, Butler
 Joan Carol Gallagher, Lyndhurst
 Candace Lou Geshwilm, Westerville
 Barbara Ann Giles, New Philadelphia
 Susan Hazel Gregg, Perrysburg
 Sharon Kay Groves, St. Clairsville
 Anne Elizabeth Gydosch, Westlake
 Margaret Mary Hackman, University Heights
 Lisa Jane Halter, Bay Village
 Sandra Ellen Hample, Kettering
 Carol Lynn Harrer, New Washington

Connie Lou Harrison, Wayne
 Debra Sue Headlee, Columbus
 Joan Lee Heinlein, Columbus
 Jill Andrea Heiny, Washington C. H.
 Debbie Lu Herrmann, Portsmouth
 Carol Ann Hiltbrand, Northfield
 Kathryn Lynn Hoffer, Cambridge
 Donna Marie Hummel, Austinburg
 Sally Ann Huss, Wintersville
 Karen Ann Hyer, Dayton
 Nancy Marie Jablonski, Chagrin Falls
 Christine Marie Johnson, Fredericktown
 Cheryl Helene Joseph, Columbus
 Maureen Ann Kane, Cleveland
 Barbara Pettay Kanoski, Cadiz
 Patricia Ann Karkalik, Akron
 Debra Ann Karl, Tiro
 Willow Cunningham Kauffman, Bedford
 Cynthia Marie Ketterer, Hamilton
 Kathleen A. Klass, Canton
 Kathleen Louise Knecht, Jeffersonville
 Terttu Kyllikki Korpela, Columbus
 Dianne Celeste Kulasa, Elyria
 Carol Ann Lang, Portsmouth
 Christine Lee Mitchell, Akron
 Marcie Ann Manson, Massillon
 Lorrie Jill Lerner, Columbus
 Diane Marie Levesque, Cuyahoga Falls
 Ann Ruth Livingston, Cleveland
 Lorraine Cozette Long, Avon Lake
 Susan Ellen Longo, Westerville
 John Porter Lymanstall, Defiance
 Becky Sue McClellan, Akron
 Marcie Ann Manson, Massillon
 Victoria Jean Marland, Parma Heights
 Cynthia Sue Maurice, Orwell
 Mary Ann Meabon, Westlake
 Kristen Carey Meade, Cincinnati
 Sharon Ann Meltzer, Jackson
 Debra Ann Meyer, Wooster
 Patricia Ann Miller, Centerville
 Deborah Lee Mitchell, Akron
 Kimberly Lynn Moellenberg, Sylvania
 Johanna Frances Mokros, Bellaire
 Gayle Monroe, Madison
 Carol Anne Moore, Waverly
 Robyn Kay Morrison, Coshocton
 Melinda Ann Mowery, Mansfield
 Leslie Gail Mussman, Powell
 Christine Walker Nelson, Parma Heights
 Janis Lynn Newell, New Plymouth
 Sharon Poling Nicol, Columbus
 Nancy Lynn Oesch, Shelby
 Lisa Gaye Ohler, Barnhill
 Caral Ann Ondracek, Aurora
 Susan Janet Osterhout, Berea
 Jane Kaufman Payne, Columbus
 Toni Lynn Pegg, Barnesville
 Sandra Kaye Ferrine, Defiance
 Janice Plunkett Potts, Columbus
 Jill Belock Redman, Cincinnati
 Christine Lee Riczo, Parma
 Portia Cheek Rodu, Fairborn
 Teresa Holley Rudd, Akron
 Diane Lynn Ruck, Jamestown
 Carole Ann Russell, Burton
 Janette Lynn Santopadre, Columbus
 Nancy Lynn Schlegel, Mansfield
 Diana Jean Schuler, Columbus
 Joyce Brown Scibilia, Brunswick
 Robin Swantack Scott, Cincinnati
 Lynn Adele Sellers, Springfield
 Tamara Lynn Shellhouse, Sycamore
 Phyllis Ann Shock, Englewood
 Norma Gustke Short, Coolville
 Katherine Leonore Snyder, Olmsted Falls
 Jean Marian Solomon, Cleveland
 Anne Doyle Stein, Akron
 Charmaine Marcum Stemple, Springfield
 Jerome Elliot Tetelman, Cleveland
 Pamela Kay Thomas, Massillon
 Mary Miller Thompson, Portsmouth
 Denise Lynn Tilberly, Bowling Green
 Elisabeth Boice VanGundy, Lancaster
 Barbara Peterson Vecchiarelli, Columbus
 Peggy Anne Wagner, Cincinnati
 Diana Marie Weinheimer, Loveland
 Barbara Elaine Westercamp, Monroe
 Jonna Lee Widowson, Columbus

Joy Ellen Williams, New Waterford
 Carol Jean Wilson, Fairview Park
 Lisa Agnes Zaidain, Dayton
 Patricia Shaun Zimmer, Zanesville

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Fifty-six candidates

Clayton Manning Anderson, Jr.,
 Charleroi, Pa.
 B.S. (California State College)

Harry Franklin Anderson,
 St. Albans, W. Va.

Gary James Andrasco, Columbus
 Christian Keen Benner, Bainbridge

Susan Ellen Benson, Elyria
 B.S. (University of Wisconsin)

Franklin M. Bickle, Newark

Terry L. Bolen, Newark
 B.S. (Ohio University)

William Bradley, Bryan
 B.S.

David P. Bucurel, Canfield
 B.A. (Ohio Wesleyan University)

Jeff L. Chandler, Cincinnati

Richard E. Cheney, Jr., Lima
 B.S.

Steven Charles Connert, Dayton
 B.S.

Douglas Raymond Cox, Cincinnati

Frank Mikel Davis, Fairfield

Laraine Marie Davis, Jackson
 B.S.

Mark Warren Denman, Zanesville

James A. Dickey, Miamisburg
 B.S. (Georgetown College)

D. Michael Dopkiss, St. Clairsville

Martin Gary Ellis, Warren

David Andrew Erwin, Coshocton
 B.S.

Jody Scott Foor, Brezewood, Pa.
 B.A. (Pennsylvania State University)

Stephen Roger Gardner, Cincinnati
 B.B.A. (University of Notre Dame)

Robert Laurie Raymond Gazdeck,
 Garfield Heights
 B.A. (Southern Illinois University)

Anthony R. Horstman, Dayton

Douglas Alan Hux, Painesville

Jan Charles Huneke, Eaton

Margaret L. Kehoe, Shelby

Richard William Kerr, Shelby

M. Dean Kiesling, Gallipolis
 B.S. (Ohio University)

Darrell Lynn Laughlin, Gnadenhutten
 B.S.

Ronald W. Y. Ling, Honolulu, Hawaii
 William Glenn MacDonald, Wilmington
 William Russell Martin, Dayton

Robert Nelson McLearn, Greenville
 B.S.

John Ronald Miksch, Bellefontaine
 B.S.

Tommy Joe Miller, Lodi
 B.S. (Otterbein College)

John Matthew Nametz, Manchester, Mich.
 B.A. (Olivet College)

Joseph Stephen Newell, Bryan
 B.A.

*Denise Ann Remy, Portsmouth
 B.S.

Ernest James Robinson, Akron

William Robert Roscoe, Sharpsville, Pa.
 B.S., M.S. (Westminster College)

Saiwa Saliba, Canton
 B.S.

Jeffrey Glen Schmakel, Toledo

Larry Keith Siders, Ashland

William J. Skendelas, Canton

Philip Skovira, Richfield

Albert Christopher Snyder, Toledo

Robert L. Sorrell, Middletown
 B.S. (Miami University)

Paul Alan Speakman, Columbus

Milena Stekly, Bryan

Cindy Jeanne Stewart, Chillicothe

Dale David Stewart, Cuyahoga Falls

Joseph J. Thimons, Jr., Richmond, Ind.
 B.A. (Miami University)

Richard Conrad Weaver, Xenia

Michael James Weber, Mansfield

Terri Ann Wolf, Williamston, Mich.

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

One hundred and twelve candidates

John Kevin Ahern, Springfield
 Donald Page Alexander, Jr., Columbus
 David Earl Amos, Cleveland

Michelle Navratil Anderson, Mansfield
 James Marie Armbruster, Akron
 Michael Edward Ault, Tuscarawas
 Eva Aviv, Cleveland

Steven Russell Babalis, Kettering
 Roger Franklin Barnhouse, Wellston
 Dennis Clifford Beaver, Circleville
 Judy Carol Beck, Norwalk

Marisa Jean Bethel, Portsmouth
 Thomas Dell Bigley, Jr., Wadsworth
 Michael Clark Bing, Barborton

Susan Marie Blackburn, Toronto
 Benjamin Arthur Blackford, Fredericktown
 Sandra Jean Boal, Pittsburgh, Pa.
 John Frederick Brauner, Columbus

* Also Master of Science, Graduate School

Steven Clark Britton, Wadsworth
 Steve Jale Carr, Fiqua
 Michael Edward Carroll, Columbus
 B.S.
 Elizabeth Ann Clark, Massillon
 Mark Vincent Coberly, Canton
 Timothy Brian Coffelt, Springfield
 Beverly Anne Cohen, Columbus
 Judith Ann Cosentino, Yorkville
 Nancy Rae Cramer, Girard
 Dale Alan Damoli, Brookfield
 Richard D'Atri, Independence
 Denise DeYampert, Cleveland Heights
 James Peter DiCello, Wellsville
 Richard William Dillon, Mayfield Heights
 Guy Anthony DiPasqua, Youngstown
 James Michael Dugan, Cincinnati
 B.S. (University of Cincinnati)
 Michael Joseph Enright, Richmond, Va.
 Henry Bryan Eymann, Lancaster
 Raymond Fankell, Jr., Wheelersburg
 Mary Kay Fennessy, Cincinnati
 Ira Lee Feuer, Cleveland Heights
 B.S. (University of Cincinnati)
 Donald Brent Fissel, Van Wert
 Roger Alan Fogle, Farmersville
 Linda Rae Gallucci, Niles
 B.S. (Youngstown State University)
 Karen Gail Goldstein, University Heights
 George Richard Hackett, Apple Creek
 B.S. (Ohio University)
 Brian Alan Hart, Columbus
 Gary Brian Hasemeier, Cincinnati
 Deborah Ann Heer, Columbus
 Gregory Nicholas Helentjaris, Medway
 Kathleen Joan Hipolit, Cincinnati
 Esth er Takako Hirai, Kahului, Hawaii
 Eric Thomas Hola, Cleveland
 Michael John Kelley, Canton
 Kathleen Jean Kelliher, Columbus
 Valerie Ann Kertell, Columbus
 Jeffrey Guy King, Chillicothe
 B.A.
 Elizabeth Maria Kraker, Avon
 Fredric Irwin Lapatinsky,
 Cleveland Heights
 Krista Leigh Lehw, Columbus
 Raymond Lev, Youngstown
 Robert David McClary, McDonald
 Margaret McKnight McLain,
 Fortales, N. M.
 B.S. (Eastern New Mexico University)
 Elizabeth Ellen McPherson, Baltic
 Charles Richard Mercurio, II, Columbus
 Elicia Ziff Miller, University Heights
 Connie Marie Moosbrugger, Dayton
 Alan Louis Moretini, Independence
 Karen Myra Moskowitz, Youngstown
 Roman Oleh Myronowycz, Stow
 Karen Patricia Naquin, Parma
 Stephen Eugene Nester, Lancaster
 Chrespin Weslev Noches, Jr.,
 Pasadena, Calif.
 Helen Osiecki, Cleveland
 Kent Marshall Overholt, Jr., Warren
 Gary Michael Overmeyer, Defiance
 Nicholas George Puskas, Jr., Lorain
 Kathleen Foster Ray, Columbus
 Bernard James Renard, Toledo
 Janice Kay Reynolds, Orrville
 Sherrie Lynn Riley, Grove City
 Marilena Rinaldi, Steubenville
 John A. Samartzekov, Canton
 Kevin Allan Scheckelhoff, Ottawa
 Joyce Mae Schultz, St. Marys
 Susan Norling Scott, New Middletown
 Rebecca Jane Shaffer, Hilliard
 Cynthia Guyar Sheppard, Columbus
 Marjorie Kay Shupala,
 Parkersburg, W. Va.
 B.A. (Wittenberg University)
 Marcia Kay Singer, Canton
 Craig Alan Smith, Columbus
 Pamela Kay Stephens, Kent
 James Roger Stevenson, Hubbard
 B.S. (Youngstown State University)
 Gary Nicholas Stribicki, North Royalton
 B.S. (Ohio University)

Alan Robert Styles, Cleveland
 Joseph Tabacchi, Adena
 Karan Press Tanenbaum, Columbus
 B.A. (Yeshiva University)
 Mark Eugene Teeters, Wilmington
 Debra Sheumaker Thrush, Mansfield
 Catherine Osterhage Tibbs,
 Fort Wright, Ky.
 David Francis Tost, Poland
 Yi Li Tou, Columbus
 Diane Reichert Tribuzi, Dayton
 Cheryl Davignon Turley, Dansville, N. Y.
 Robert Roy Walters, Minster
 Kenneth Lee Warman, Portsmouth
 Mark Scott Wenzel, Lorain
 Gary Lynn Werff, Lima
 David Edward Wharmby, North Canton
 John Clark Whittington, Columbus
 Stephen Bruce Wilson, Chesapeake
 Roberta Woodlock, Girard
 Elizabeth McClure Zola, Cincinnati
 Maryann Louise Zupancic, Euclid

Mark Lee Applebaum, Cincinnati
 A.B. (Washington University)
 Susan Rae Baer, Youngstown
 B.S.
 Michael Brent Ballinger, LaRue
 B.S. (United States Air Force Academy)
 David Milton Batteiger, Columbus
 B.S.Agr.
 Ellen Lynn Beard, Hillsboro, W. Va.
 Rupert Henry Beckstett, Delaware
 Robert Hammill Bende, Medford, N. J.
 B.S.Agr.
 Barry Coulter Betts, Barnesville
 Kenneth Lynn Blanchard, Danville
 B.S.Agr.
 William Eugene Bolinger, Beverly
 Allan Edward Boster, Gallipolis
 B.S.Agr.
 Dan Harris Bremer, Middletown
 B.A. (Otterbein College)
 Theresa Anne Brim, Findlay
 B.S.Agr.

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Thirty-one candidates

Teresa Elizabeth Aveni, Lyndhurst
 Dolores Renfro Baroway, Irvington, N. J.
 Janet Lynn Bensman, Tonawanda, N. Y.
 Constance Diane Chrisman, Worthington
 Luann Cooperrider, Thornville
 Jane Ellen Croy, Kenton
 Edward Israel D'Angelo, Columbus
 Sheryl Ann Dicker, Portsmouth
 Rita Jean Donley, Columbus
 Rebecca Ellen Essex, Milford
 Kathryn Joann Eyler, Eaton
 Gail Marie Ignatz, Elyria
 Suzanne Torbert Innes, Columbus
 Theresa Denise Jackson, Columbus
 Susan Michelle Lord, Bowling Green
 Robert Leslie MacNabb, Columbus
 James William Meena, Circleville
 Elaine Eldred Merwin, Columbus
 Martin Joseph Mitchell, Columbus
 Laura Beth Okun, Toledo
 Jeffrey Ray Pinyerd, Mt. Gilead
 Charlotte Louise Rittenhouse, Kettering
 Denise J. Ronsom, Cincinnati
 Pamela Kay Shaffer, Tallmadge
 Danielle Sue Sorkin, Cleveland Heights
 Elizabeth Anne Stein, Columbus
 Donald Craig Wallace, Portsmouth
 Mary Lee Yonk, Grove City
 Erin Elisabeth Young, Columbus
 Robin Gayle Zepht, Rocky River

Peter Ross Brody, Elyria
 B.S.Agr.
 Lee Alan Bruey, Lisbon
 B.S.Agr.
 Joanne Buehner, Wickliffe
 B.S.Agr.
 Cheryl Ann Caputo, Solon
 B.S.Agr.
 Paul Edward Clemens, Chagrin Falls
 Mary Ann Crawford, Galloway
 B.S. (University of Dayton)
 Charles Andrew Curie, Jefferson
 Maurice Hamilton Docton, Xenia
 B.S. (United States Naval Academy)
 James Richard Donaldson, Columbus
 B.S.
 Hugh Delno Dresbach, Circleville
 B.S.Agr.
 Barry Stuart Eisenkraft, Columbus
 B.S.
 Ronald Dean Elliott, West Mansfield
 B.S.Agr.
 Katharine Krieger Evans, Wooster
 B.S. (Virginia Polytechnic Institute)
 Beverly Anne Evert, Cincinnati
 B.S. (University of Cincinnati)
 Ronald Stanley Eydeloth, Baltimore, Md.
 B.S. (University of Maryland)
 Charles Alexis Fammatre, Dublin
 B.S. (California State Polytechnic
 College); M.S.

College of Veterinary Medicine

Dean: C. Roger Smith

Doctor of Veterinary Medicine

One hundred and thirty-two candidates

Paul Little Beaver Adkins,
 Providence Forge, Va.
 B.S. (Virginia Polytechnic Institute and
 State University)

Craig Douglas Felton, Grafton
 A.B. (Lorraine County Community
 College); B.S. (Ashland College)
 Robert Martin Flesher, Troy, W. Va.
 B.S. (West Virginia State University)
 Phillip Robert Fox, Dumont, N. J.
 B.S. (Marietta College); M.S.
 Denise Marian Fuciu, North Canton
 B.S.Agr.
 Robert Dewey Gano, Wilmington
 Brent Kevin Garrison, Wintersville

Ted Alan Gerber, Dalton
B.S.Agr.

Jimmie Jay Golden, Paducah, Ky.

Cheryl Lynn Gratson, Columbus
B.A. (Ohio University)

Holly Lynne Grubbs, Berea
B.S. (Cleveland State University)

John Earl Gruss, Tiffin
B.S.Agr., M.S.

Kathleen Williams Gruss, Akron
B.S.Agr.

John Philip Gustafson, Keyser, W. Va.

James Phillips Hannigan, Louisville, Ky.

Mitzi Trevathan Hargrove, Paducah, Ky.
A.Sc. (University of Kentucky)

Steven Herman Harman, Keyser, W. Va.

Timothy Adrian Henehan, Columbus
B.S. (University of Dayton)

Genay Elizabeth Hess, Shelby
A.B. (Ashland University)

Benedict Lewis Heydinger,
New Washington
B.S.Agr.

Stephen Edward Hickman, Columbus
B.S. (Springfield College)

Cheryl Bang Holman, Cincinnati
B.S.Agr.

Terrence Lee Holman, West Alexandria
B.S.Agr.

Charles Scott Hosket, Yellow Springs
B.S.Agr.

Bill David Imperial, Reynoldsburg
B.S. (Bowling Green State University)

Raymond Douglas Jerge, Gahanna
B.S.

David Wallace Jones, Bowling Green, Ky.

Carl Erik William Juul-Nielsen,
Charlottesville, Va.
B.S. (Virginia Polytechnic Institute)

Ira Charles Kaplan, Cincinnati
B.S.Agr., M.S.

Harold Manley Kemp, Belmont
B.S.Agr.

Joseph A. Kincaid, Jr., Blacksburg, Va.
B.A. (Hampton-Sydney College)

Dana Christopher King, Springfield

Kenneth Edward Kobalka, Cleveland

Christine Kelly Kofron, Cuyahoga Falls

Sheila Scott Kondik, Columbus
B.S.

David Allen Krakowski, West Lake
B.S. (Muskingum College)

Linda Jo Krotje, Newton, N. J.
B.S.Agr.

Barbara Ann Kummel, Hyatts, Md.
B.S. (University of Maryland)

Edmund Kenwood LeGrand, Raleigh, N. C.
B.S. (North Carolina State University)

Albert Henry Lewandowski, Cleveland
B.S.

James F. Link, Rossburg
B.S.Agr.

Marcia Ann Locke, Springfield

Kenneth Martin Malin, Ashtabula
B.A., M.S. (Kent State University)

Don Richard Mann, Wapakoneta

Michael Eugene Marmesh, Miami, Fla.

Mark Lane Martin, Perrysburg
B.S. (Bowling Green State University)

James Gregory Mathias, Findlay

Timothy Matthew Matlock, Mantua
B.S.Agr.

Susan Jane Matre, Cincinnati
B.S.

Joel Ernest Melin, Ashtabula
B.A. (Ohio Northern University)

Suzanne Kay Miller, Troy
B.S. (Bowling Green State University)

Thomas Lee Miller, Mt. Blanchard
B.S. (Findlay College)

*Karl Bryant Milliren, Cuyahoga Falls

Frederick Charles Mohr, Dover, N. H.
B.S. (Tufts University)

Michael Anthony Mohr, Cleveland
B.S.

Martha Vaughan Mooney, Mt. Gilead
B.S. (Malone College)

Catherine Diane Morabito, Euclid

Keith Alan Murrell, Miamisburg

William Joseph Otto, Cincinnati
B.S.Agr.

Clifford Owen, Dayton
B.S. (California Polytechnic Institute);
M.S. (University of Denver)

Randall T. Peel, Chipley, Fla.

William Howard Pettit, Jr.,
Julistown, N. J.
B.S. (University of New Hampshire)

Robert Harry Poinsett,
Bradley Beach, N. J.
B.S. (Delaware Valley College)

Bruce Scott Poland, Winston-Salem, N. C.
B.S. (North Carolina State University)

Susan Elaine Pontius, Toledo

William Gregory Queen, Louisville, Ky.

Peggy Sarver Quilliam, Columbus
B.S. (West Virginia University)

Machelle Marie Radecky, Parma
B.S. (University of Notre Dame)

Mary Kathryn Reinhard, Dublin
B.S.Agr., M.S.

Lawrence Mark Richard, Bergenfield, N. J.
B.A. (College of Wooster)

Warren Lewis Riggie, New Concord
B.A. (Rutgers University)

William M. Rosolowsky, Elyria

Bradley Larson Rutledge, Northfield

James Edward Sanders, Columbus
B.S., M.S.

Ray Harold Saviers, Tallmadge
B.S.Agr.

Marc Leonard Schmidt, Cincinnati
B.S.Agr.

Morton T. Schmidt, Jr., Portsmouth, N. H.
B.A. (University of New Hampshire)

Katherine Sue Settle, Sanford, N. C.
B.S. (University of North Carolina)

Robyn Welles Sheehan, Medway

Sonjia Merle Shelly, Willshire
B.S. (Ashland College)

John Franklin Shontz, Columbus
B.S.Agr.

William Keith Sigler, Akron

Norman Randolph Simpson, Columbus
B.S.

Allen Franklin Sisson, Charleston, W. Va.

Michael Joseph Skiver, Columbus
B.S.Agr., M.S.

Kathleen Jarosz Smith, Columbus
B.S.Agr.

Thomas Lawrence Smith, Loveland
B.S.Agr.

Anthony John Stachowski, Mantua

George Glenn Stokes, Lancaster

Paul Charles Stromberg, Columbus
B.S., Ph.D.

Jay Henry Summitt, Shelbyville, Tenn.

Craig S. Talbot, Columbus

George Edward Thomas, Wheaton, Md.

Linda Lee Thomas, Burns, Tenn.

Richard Campbell Tully, Elkhorn, Wis.
B.A. (Allegheny College); M.A. (Bowling
Green State University)

Michael Edward Turley, Columbus

Sandra Owens Uarich, Martins Ferry
B.S. (Wheeling College)

Lucinda M. Vogtsberger, Columbus
B.A., M.A. (Miami University)

Rogely Alta Waite, Norwalk
A.B. (Oberlin College)

Maxy Lee Wellman, Cincinnati
B.S.Agr.

Carolyn Rose Woodruff,
Black River Falls, Wis.

Jay William Zachman, Cincinnati
B.S.Agr.

Paul Bradford Zubowsky, Columbus

* Also Bachelor of Science in Agriculture, College of
College of Agriculture and Home Economics

GRADUATES WITH HONORS

Summa Cum Laude

Susan Helene Adler, Toledo
 Kim Susan Alexander, Chagrin Falls
 Randy Lee Bailey, Marion
 Daniel Scott Barger, Valley City
 Jeffrey Lee Barley, Toledo
 Delores Renfro Baroway, Irvington, N. J.
 Martin Howard Beerman, Dayton
 Paul Gerald Bettenhausen, Jr., Eatontown, N. J.
 Sandra Jean Boal, Pittsburgh, Pa.
 Debra Morgan Brandenstein, Miamisburg
 Douglas Thacher Brown, Chillicothe
 Kimberley Sue Brown, Kettering
 Thomas Hastings Burkey, Youngstown
 Ruth Schmidt Burns, Wooster
 Angela Maria Castello, Fairport Harbor
 Michael Allen Caudy, Columbus
 Barbara Arps Churchill, Delta
 Ann Marie Clayton, Convoy
 Anita Jane Coen, Massillon
 William C. Colley, III, West Chester
 James Kraft Conkle, Marion
 John Watson Cook, III, Columbus
 Andrew Arthur Cosner, Barboursville, W. Va.
 Thomas Benjamin Crane, Worthington
 Patricia A. Craiglow, Louisville
 Danny Lynn Cunningham, Sardis
 Mark Wesley Davis, Columbus
 Lauren Jean Douglas, Worthington
 Hans Daniel Dreyer, Columbus
 David Ned Dunbar, Mt. Blanchard
 Daniel Eugene Ebert, Cardington
 Donald Stanley Eydeloth, Baltimore, Md.
 Gary Allan Fisher, Gratiot
 Jody Scott Floor, Breezewood, Pa.
 Mary Karen Bennett Fortman, Columbus
 David Lee Furniss, Upper Sandusky
 Cynthia Marie Gaborick, Parma
 Frederick Steven Glover, Chillicothe
 Jody Laraine Grenga, Youngstown
 Marvin Lee Grieve, Jr., Medina
 Phillip John Halley, Huron
 James Philips Hannigan, Louisville, Ky.
 Brenda Hutchenson Head, Sunbury
 Joseph Francis Hook, Rockford, Ill.
 Marie Starr Howard, Rockford, Ill.
 Gail Marie Ignatz, Elyria
 David James Jasko, Avon Lake
 Janice Arden Judge, Sylvania
 Diane Marie Klingemier, Leavittsburg
 Suzanne Miller Koestner, Fort Worth, Tex.
 Joyce Josephine Kubit, Parma Heights
 Joseph Michael Kunkle, Toledo
 Amy Louise La Civita, Oxon Hill, Md.
 Mark Allan Lamontia, Brecksville
 Edward Jay Levine, Columbus
 James Pearl Lewis, Dayton
 Lorraine Cozette Long, Avon Lake
 Dorothy Lynn Mac Ewan, Columbus
 David Elwyn Markle, Columbus
 Mark Steven Marinik, Lorain
 Philip Alan Marnecheck, Seven Hills
 Margaret McKnight McLain, Portales, N. Mex.
 James William Meena, Circleville
 Nicholas P. Mellion, Akron
 Kay Lee Metzner, Dayton
 Timothy Paul Miller, Chardon
 Carolyn Miu Milligan, Mansfield

David Paul Miraldi, Amherst
 Susan Langstaff Monfort, Lima
 Randall Edwin Moore, Columbus
 Phyllis Lehnart Mueller, Mansfield
 John Alfred Nachtigall, Berea
 William Joseph Otto, Cincinnati
 Pamela Sue Palmer, Fredericktown
 Mark Roy Patterson, Dover
 Bradley Ashley Payne, Lucas
 Brian Ashby Payne, Lucas
 Ian Marshall Petroff, Willowdale, Ont., Canada
 Jeffrey Dean Pittis, New Philadelphia
 Mary Jo Poeppelman, Versailles
 Deborah Sue Pulse, Hillsboro
 Pamela Truman Raabe, Delphos
 Denise Ann Remey, Portsmouth
 Bradley Jay Richards, New Washington
 Kathryn Church Root, Jefferson
 Kristofer Gibson Sandlund, Columbus
 Denise Lynn Sands, Hebron
 Donald Ray Savage, Jr., Columbus
 Kurt Alan Schlegel, Shreve
 Elizabeth Ann Schmermund, Greenville
 Donald John Scott, Richmond Heights
 John Richard Scuba, Toledo
 *Dale Phillip Shralow, Cleveland
 Joseph Daniel Smisko, Wadsworth
 Jerome Glenn Solove, Westerville
 Martin Kurt Stavenhagen, Saratoga Springs, N. Y.
 Elizabeth Anne Stein, Columbus
 Christine J. Renner Stewart, Zanesville
 Deborah Anne Stez, Fremont
 Dean James Storer, North Olmsted
 Todd Shawn Swatsler, Lima
 David Alan Swift, Piqua
 Beth Elaine Taylor, Killbuck
 Jan Hexamer Tepe, Canton
 Richard Lee Thomas, Cincinnati
 Marilyn Beachy Troyer, Plain City
 Richard George Ueltsch, Columbus
 Hendrick Vandermeulen, Cleveland
 Anne Marie Waugaman, Brunswick
 Robert Arnold Weible, Dover
 Kathleen Jeanne Welch, Worthington
 Maxey Lee Wellman, Cincinnati
 Margaret Ann Wiesheier, Akron
 Terri Ann Wolf, Williamstown, Mich.
 John Charles Wood, New Concord
 Mark Nelson Woyar, Broadview Heights
 Carol Ann Zari, Reynoldsburg

Summa cum laude with distinction in
 Agricultural Economics

Ann Susan Huling, Westerville
 Lova Bernice Kemp, Bethesda

Summa cum laude with distinction in
 Agricultural Engineering

Terry Lee Stamper, Mansfield

Summa cum laude with distinction in
 Agronomy

Margaret Ann Gillette, Perryburg

Summa cum laude with distinction in
 Economics with honors in the Liberal
 Arts

Alice Bernadette Noonan, Delphos

Summa cum laude with distinction in
 Food Technology

Elizabeth Linn Briner, Columbus

Summa cum laude with distinction in
 German with honors in the Liberal
 Arts

Susan M. Toeniskoetter, Columbus

Summa cum laude with distinction in
 English with honors in the Liberal
 Arts

William Edward O'Neil, Columbus

Summa cum laude with distinction in
 History

Michael Joseph Rourke, Columbus

Summa cum laude with distinction in
 Horticulture

Ruth Pauly, Cincinnati

Summa cum laude with distinction in
 Psychology with honors in the
 Liberal Arts

Lizabeth Wood Galganowicz,
 Columbus

Summa cum laude with honors in the
 Liberal Arts

Steven Howard Emerman, Columbus
 Bruce David Lucas, Canton
 Gail Kay Mitchell, Springfield
 David Wheaton Priestly, Columbus
 James T. Vradelis, Dayton
 Suna Elizabeth Woods, Chillicothe

Cum Laude

John Kevin Ahern, Springfield
 Lorraine Marie Albert, Canton
 John Alan Aldrich, Lagrange
 Sherie Dee Anderson, Columbus
 Paul Henry Bailey, Youngstown
 Pamela Sievert Baker, Elyria
 Wanda Elizabeth Baltes, Tiffin
 Donald Alec Barany, Portsmouth
 Robert Willis Barnett, Avon
 Jeffrey Lee Bartlett, Macedonia
 Chester John Barylak, Winterville
 Scott Zeth Bassoff, Great Neck, N. Y.
 Teresa Elaine Bechdolt, Harrod
 Diane Elizabeth Belfiglio, North Canton

Mary Ann Benecke, Napoleon
 Randall Paul Bennett, Columbus
 Constance Ann Benson, Columbus
 Debra Lyn Beran, Middleburg Heights
 Marc Alan Bernstein, Warren
 Mark Anthony Betz, Wellsville
 Susan Elizabeth Binkley, Toledo
 Kathy Paxton Birch, McDonald
 Joy Faith Bishop, Columbus
 Jeffrey Black, Toledo
 Karyn Cecelia Boltz, Sidney
 Carol Ann Bonini, Cincinnati
 Deborah Ann Bosack, Toledo
 Steven Jay Bowsgier, Grove City
 Gary Lee Brannick, Springfield
 Theresa Anne Brim, Findlay
 Linda Mae Broast, Barrington, Ill.
 Kay Wetzel Brown, Worthington
 Darcy Marie Browne, Centerville
 Neil Allen Brumback, Lorain
 Jeffrey Allen Buchs, Amherst
 Luanne Carlton, Columbus

*December 1977 Graduate

Georganne Heather Carpenter, Lancaster
 Kathleen Jo Casey, Columbus
 Sherrri Jean Cato, Dayton
 Linita Chean, Santiago, Dominican Republic
 Marcia Chenevey, Apple Creek
 H. Marie Children, Columbus
 Robert Michael Citino, Cleveland
 Elizabeth Ann Clark, Massillon
 John Robert Clawson, Columbus
 Lynn Marie Cleary, Youngstown
 Kathleen Coffman, Columbus
 Gregory Bigham Comfort, Columbus
 George Jeffrey Comstock, Warren
 Laurence David Conley, Berkeley, Calif.
 Daniel Mark Coombs, Centerville
 Janet Ann Coy, Columbus
 Maria Sue Cunningham, Columbus
 Jane Marie Daetwyler, Clarington
 Richard Smith Damon, Columbus
 Patricia L. Davis, Brookville
 Ann Louise De Weese, Sidney
 Ingrid Mary Diederer, Granville
 Thomas Stephen Dietrich, Alliance
 Ann DiPangrazio, Columbus
 Cheryl Jane Dolin, Fairlawn, N. J.
 David Larsen Donnell, Bowling Green
 Paul Michael Dorinsky, Columbus
 Charles Acie Dotson, Shelby
 Thomas Edward Doyle, Columbus
 James Michael Dugan, Cincinnati
 Nicholas Ecos, Tiffin
 Pamela Jane Edmonds, Delaware
 Barry Allan Efron, University Heights
 Gregory Gerard Elchert, New Riegel
 Ronald Dean Elliott, West Mansfield
 Sharon Salt Esswein, Columbus
 Sheila Marie Fagan, Columbus
 Alan Lee Fahndrich, Columbus
 Patricia Jean Ferreri, South Euclid
 Charles Paul Ferroni, Hayesville
 Helen Carole Fischbach, Reynoldsburg
 Ronald Allen Fish, Columbus
 Carolyn Jean Fisher, New Vienna
 James Timothy Fisher, Columbus
 Pamela Susan Fisher, Canton
 Roger Alan Fogle, Farmersville
 Michael Albert Franchek, Imperial, Pa.
 Warren Nathan Frank, Cleveland
 David Lee Furniss, Upper Sandusky
 Linda Rae Gallucci, Niles
 Patsy Gentilcore, Jr., Niles
 Ted Alan Gerber, Dalton
 Cheryl Jean Gibbs, Gahanna
 Gwendolyn Estep Gibson, Mansfield
 Charles Robert Giesige, Holgate
 David Michael Gloger, Shaker Heights
 Patrick Leland Graham, Xenia
 Heather Jean Gregory, Columbus
 David Scott Grierson, Dayton
 Jeffrey Wayne Grimm, Richmond
 Rita Vinsel Guthrie, Wadsworth
 Carol Pierce Harkness, Columbus
 Joan Lee Heinlein, Columbus
 Susan Edith Heller, Columbus
 Timothy Adrian Henehan, Columbus
 William Arthur Hensel, Columbus
 Benedict Lewis Heydinger, New Washington
 Dale William Hiltner, Dover
 Mark Charles Hiser, Westerville
 Scott Louis Hoersten, Sidney
 Cheryl Anne Hohenstein, Kettering
 John Marc Holser, Galion
 Douglas Alan Huff, Painesville
 Deborah Ann Jessee, Miamisburg
 Carol Anne Jevrem, Columbus
 Karen Christine Johnson, Worthington

David Wallace Jones, Bowling Green, Ky.
 William Robert Kaye, Worthington
 Maureen L. Kelley, Columbus
 Judith Diane Kemp, Gallipolis
 Charles Louis Kimberly, Akron
 Barbara Ellen Kindel, Norton
 Todd Wilson Knapp, Danbury, Conn.
 Joan Lynn Korday, Mansfield
 David William Kozy, Toledo
 Joyce Josephine Kubit, Parma Heights
 Douglas Scott Kuehn, Columbus
 Joseph Scott Laney, Port Clinton
 Edmund Kenwood LeGrand, Raleigh, N. C.
 Stephen John Lenhart, Toledo
 Raymond Lev, Youngstown
 Terry Lynn Lewis, New Philadelphia
 Jenny Elizabeth Logue, Pittsburgh, Pa.
 Susan Helen Lonske, Whitehall
 William Whitsett Luce, Hanover town
 James Eric Lunden, Veradale, Wash.
 John Edward Lynch, Columbus
 Louis Sozon Lyras, Campbell
 Victoria Jean Marland, Parma Heights
 Jack William Marquardt, Brooklyn
 Christina Marie Martin, Columbus
 George Walter Maxymiv, Seven Hills
 Robert David McClary, McDonald
 Becky Sue McClellan, Akron
 Cynthia Sue McConnell, Coshocton
 George Robert McCue, Lorain
 William Andrew McKee, Columbus
 Kathleen Anne McLaughlin, Southington
 Sharon Ann Meltzer, Jackson
 Lisa Robyn Meltzer, Fairlawn, N. J.
 Molly Jo Messick, Columbus
 Mary Lynn Michels, Rocky River
 Jerry Forrest Mikesell, Coshocton
 Suzanne Milburn, Circleville
 Jonathan Mitchell Miller, Bay Village
 Timothy Vincent Monroe, Upper Sandusky
 Joyce Elaine Moore, Shreve
 Laura Lee Morgan, Dayton
 Wyndham George Mortimer, Dayton
 Elizabeth Ann Moulton, Orono, Me.
 Karen Patricia Naquin, Stow
 Richard Carl Needles, Columbus
 Janis Lynn Newell, New Plymouth
 Timothy Dale Norton, Kenton
 Ralph Anthony Nunez, Struthers
 Katherine Barnhart O'Brien, Delaware
 Kim Olmhausen, Bryan
 Diane Susan Olson, Columbus
 Crystal Jane Overholt, Piqua
 Gary Michael Overmeyer, Defiance
 Kim Richard Palmer, Flushing
 Laurie Ann Parkinson, Euclid
 Bruce Michael Pearlman, Cleveland
 Toni Lynn Pegg, Barnesville
 John Charles Peiffer, Columbus
 Cynthia Jill Peterkin, Avon Lake
 Douglas Young Peters, Mayfield Village
 Victoria Smith Peters, Columbus
 Pamela Sue Pflum, Columbus
 Ann Natalie Phillips, Chillicothe
 Robert Anthony Pinter, Seven Hills
 Diane M. Pollick, Toledo
 Brad Lee Pospichel, Columbus
 Gary Lynn Prill, Van Wert
 Carolyn Marie Primuth, Cleveland Heights
 Rex Thomas Raper, Stow
 John Richard Raymond, Uniontown
 Edward Anthony Reik, Columbus
 Peter Joseph Reilly, Toledo
 Sarah E. Repke, Cincinnati
 Warren Lewis Riggle, New Concord
 Ann Edith Roggenkamp, Dayton

William Donald Rohrer, Canton
 William Robert Roscoe, Sharpsville, Pa.
 Bradley Larson Rutledge, Northfield
 Susan Lillian Sadlek, Parma
 Donna Lee Sawan, Brooklyn, N. Y.
 Jolietta Marie Sberna, Bellevue
 Jeffrey Glen Schmakel, Toledo
 Susan Elizabeth Schmidt, Lyndhurst
 Joan Elizabeth Schneke, Reynoldsburg
 Peter William Henry Schubert, Neenah, Wis.
 Paul Allen Schwartz, Norwalk
 S. Richard Scott, East Palestine
 Anita Debra Seaman, South Euclid
 Stephen Arthur Segall, Columbus
 James Allen Sentz, Strongsville
 Catherine Ann Serafin, Bellaire
 Stephen Mark Shally, Toledo
 Robert George Shelhouse, Dayton
 Teresa Lynn Ludwig Shilling, Kenton
 Allen Franklin Sisson, Charleston, W. Va.
 Frederick Andrew Slezak, Barberton
 Candace Lee Smith, Farmdale
 Susan Myers Smith, Willard
 Bradley L. Snyder, Lexington
 Myriam Huberman Solomon, Columbus
 James Sosnowchik, Sagamore Hills
 Mary Alda Spencer, Painesville
 Joseph Buchanan Stafford, Columbus
 James Richard Stainbrook, Worthington
 Charmaine Marcum Stemple, Springfield
 Nancy Ann Stickrath, Marietta
 Ken Marvin Stoner, Uniontown
 Paul Charles Stromberg, Columbus
 Neil Phillip Stuber, Amherst
 Lee Ian Sturman, Beachwood
 Dennis Michael Super, Amherst
 Patricia Marie Sweeny, Marysville
 Ronald Lewis Swerlein, Gahanna
 Patricia Ann Swinehart, Columbus
 Roy Tabet, Beirut, Lebanon
 William Evans Tanner, Columbus
 Amy Elizabeth Telep, Medina
 Larry Jay Thayer, Lancaster
 Viscount Francis Thurston, Columbus
 Douglas Alan Trotman, Ashland
 Paul Wells Vance, Jr., Columbus
 Sandra Ann Poneleit Veverka, Columbus
 Lucinda M. Vogtsberger, Columbus
 Rogely Alta Waite, Norwalk
 Sarah Elizabeth Walker, Mansfield
 Keith Loudon Wharton, Parkersburg, W. Va.
 Aura Lee Whittaker, Worthington
 Kevin Eugene Wisler, Galion
 Jodie Ann Yarhouse, Westerville
 Donald Ray Yates, Dayton
 Brian Joseph Zelinski, Urbana
 Elizabeth McClure Zola, Cincinnati

Cum laude with distinction in
 Agricultural Economics

Richard Allen Hendershot, Lore City
 Calvin Jay Miller, Fayette
 Brent Rinner Porteous, Coshocton
 Sherry Lee Stauffer, Ashland

Cum laude with distinction in
 Agricultural Education

Gary William Wilson, Jenera

Cum laude with distinction in
 Agronomy

Robert Findley Lindsay, Massillon

Cum laude with distinction in Animal Science	Daniel Allen Bailey, Marion Jane Elaine Ballenger, Marion James Harvey Balthaser, Columbus Thomas Edward Barnes, Columbus Gary Wayne Becker, Chicago, Ill. George H. Bennett, Jr., Berrien Springs, Mich. Geoffry Vernon Case, Columbus Edward Kefgen Cheffy, Barnesville William Charles Curley, Columbus Robert Michael Curry, Geneva Richard Carlton Daley, Brecksville Dinah Lea DeVere, Columbus David William DeVita, Lima Francis Xavier Frantz, Uniontown Ronna Lee Friedman, Cincinnati Robert Joseph Gilker, Cincinnati John Patrick Gordon, Elida Robert Louis Grossman, South Euclid Jeffrey Rutledge Jinkens, Columbus Nora E. Jones, Columbus Susan Mary Kuzma, Seven Hills Thomas Neal Ledvina, Parma Mark Alan Leslie, Columbus Jeffrey Stockwell Limes, Hillsboro *Thomas Christopher Lipp, Dayton Michael Reid Miles, Salem Gary William Nagel, Dayton David Conrad Olson, Columbus Margaret Ann Polanski, Mineral Ridge Richard Joseph Remley, Youngstown *Kristine Agnes Roth, Canton Scott Paul Sandrock, Navarre Stephen Allen Schumaker, Springfield *Richard Anthony Schwartz, Fremont Carol Ann Sheehan, Midland, Mich. Patrick Lee Singer, Portsmouth Eleanor Louise Speelman, Crestline Vicki Lynn Sproat, Columbus Richard Terry Taps, Columbus Patricia McGough Tweel, Columbus Kurt J. von Boeselager, Cincinnati Randall Mitchell Walters, Columbus Douglas Wesley Warnock, Fairview Park Gary Evan Wright, Fairborn	With distinction in Dairy Science
Mark Allen Dorow, North Ridgeville Kirk Wesley Forrest, Tiffin		Mark Joseph Neuman, Seville Jeffrey Alan Richman, Beachwood
Cum laude with distinction in Dairy Science		With distinction in Economics with honors in the Liberal Arts
Anita Maria Migday, Kettering		Charles M. McDonald, Elyria
Cum laude with distinction in Entomology		With distinction in Electrical Engineering
John Jeffrey Campbell, Napoleon		Richard Anthony Bishel, Kensington Jeffrey Edward Downs, West Carrollton
Cum laude with distinction in Environmental Education		With distinction in Genetics
Daniel Joseph O'Meara, Grove City John Richard O'Meara, Coshocton		Dawn Elizabeth Light, Batavia
Cum laude with distinction in Fisheries Management		With distinction in English
Richard Burton Marsh, Columbus		John Noel Duvall, Columbus
Cum laude with distinction in Food Science		With distinction in History with honors in the Liberal Arts
Julia Ann Knaggs, Wayne, N. J.		John Charles Rumm, Worthington
Cum laude with distinction in Genetics		With distinction in Medical Illustration
Mark Stephen Chapman, Stow		Ann Louise Shreck, Hilliard
Cum laude with distinction in History of Art		With distinction in Microbiology
Lisa Ann Daugherty Iacobellis, Akron		Steven L. Ballas, Zanesville
Cum laude with distinction in Physics with honors in the Liberal Arts		With distinction in Parks and Recreation Administration
Ronald Theodore Smith, North Canton		Amy Marie Kordenbrock, York, Pa.
Cum laude with distinction in Psychology		With distinction in Psychology
Maxene S. Doty, Worthington Arthur Daniel Fisk, Galion		Arlene Redlich, Youngstown
Cum laude with distinction in Resource Development		With distinction in Sociology
Thomas Allan Krinov, Canal Fulton		Cynthia M. Roy, Burlington, N. J.
Cum laude with distinction in Slavic Languages and Literatures with honors in the Liberal Arts		With distinction in Wildlife Management
Constance Mary Corrigan, Alexandria, Va.		Barbara Lena Walinski, Toledo
Cum laude with distinction in Wildlife Management		With distinction in Zoology
David Michael Tunder, Seven Hills		Daryl L. Moorhead, Pataskala
Cum laude with honors in the Liberal Arts		With honors in the Liberal Arts
Ronald Steven Burkey, Columbus James Scott Huggins, Ashland Stephanie Lynn Jakim, Lima Peter Allen Johnson, Columbus		Stephen C. Borchers, Winfield, Ill. David Alan Cooley, Lima Diane M. Curtis, Columbus Susan Lynn Ensor, Medina Harold Fenner, Columbus Cyndy Lee Garn, Mansfield Sara L. Kennedy, Columbus Cindy L. Large, Toledo Leo Liu, Columbus Christopher Mason, Columbus Kathleen Ann Prond, Columbus Jeffrey David Ries, Toledo Nancy Dye Stroup, Columbus Katherine Ann Tatterson, Galena Jeffrey N. Trimble, Worthington Carmen Anna Weber, Cincinnati Tamela Dawn Williams, Fairfield Stephanie K. White, Worthington Frederick John Wyman, II, Findlay
Honors in Law		
Mark Andrew Adams, Parma David Warren Alexander, Springfield		
	With distinction in Agricultural Economics	
	David Carroll Barrett, Vincent Marilyn Anne Burns, Plain City	
	With distinction in Agronomy	
	Charles Edward Widney, Sidney	
	With distinction in Animal Science	
	Curtis Lynn Nripe, Crooksville Mary Kathleen Kral, Parma Heights	
	With distinction in Anthropology	
	Susan McCabe, Baltimore Dee Anne Wymer, Findlay	
	With distinction in Civil Engineering	
	Thomas Alan Bolte, Vandalia	
	With distinction in Comparative Religious Literatures with honors in the Liberal Arts	
	Steven Wasserstrom, Columbus	
	* December 1977 Graduates	

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 8, 1978

The Board of Trustees met at its regular monthly meeting on Thursday, June 8, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Vice Chairman, John L. Gushman, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

* * *

Mrs. James introduced the new member of the Board:

Daniel M. Galbreath, Columbus, Ohio, who was appointed by Governor James A. Rhodes, for a term beginning May 14, 1978 and ending May 13, 1987.

Mr. Galbreath is an associate and partner of the John W. Galbreath Company. He is also president of the Pittsburgh Pirates Baseball Team; a member of Battelle Commons; past chairman of the Columbus Area Chamber of Commerce and Columbus Rotary Club. He currently serves as chairman of the Columbus Foundation and the Board of Columbus Zoo.

Mr. Galbreath attended Amherst College and earned a Master of Business Administration degree from The Ohio State University.

Dan, we welcome you to the Board and look forward to a close and productive association.

June 8, 1978 meeting, Board of Trustees

Mrs. Patricia D. James, Vice Chairman of the Board of Trustees, presided in the absence of Dr. Sirak.

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Mrs. James announced the committee appointments for 1978-79 in the absence of the chairman.

COMMITTEE APPOINTMENTS 1978-79

Resolution No. 78-123

WHEREAS the appointments to Committees and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors and the Inter-University Council for 1978-79 are as follows:

Educational Affairs Committee

Patricia D. James, Chairman
Warren J Smith, Vice Chairman

John D. Jacob
Howard D. Sirak, Ex Officio

Fiscal Affairs Committee

Chester Devenow, Chairman
D. James Hilliker, Vice Chairman

John F. Havens
Howard D. Sirak, Ex Officio

OARDC Agenda Review Committee

John L. Gushman, Chairman
John M. Stackhouse, Vice Chairman

Daniel M. Galbreath
Howard D. Sirak, Ex Officio

Student Affairs Committee

D. James Hilliker, Chairman
Patricia D. James, Vice Chairman

John D. Jacob
Howard D. Sirak, Ex Officio

Personnel Committee

Howard D. Sirak, Chairman
John L. Gushman

Patricia D. James

Development Fund Board

John F. Havens (one year)

Daniel M. Galbreath (two years)

Inter-University Council

Daniel M. Galbreath

Research Foundation Board

John D. Jacob (April, 1980)

June 8, 1978 meeting, Board of Trustees

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, and the Inter-University Council for 1978-79 be approved.

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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Mrs. James: I would like to mention that I haven't spoken of our new member of the Board, Mr. Galbreath, who has not been able to join us as yet. When he comes in I will take the opportunity to introduce him.

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Mrs. James: We have some guests here today, Mr. Paul Zock and Miss Nancy Taglione of the Undergraduate Student Government have requested permission to speak to the Board. Are they here?

MR. PAUL ZOCK

Mr. Paul Zock, President of the Undergraduate Student Government, spoke to the Trustees on student fee increases.

Mrs. James and members of the Board: I wish to thank you for the opportunity to address you today on a matter of great interest to the O.S.U. student body. Your cooperation is greatly appreciated.

An alarming fact is that students attending state-supported universities in Ohio are paying the fourth highest tuition in the country. Our colleagues at Ohio's state-supported two-year schools are paying the second highest tuition in the country. University administrators and students alike suffer from the low levels of funding provided the state university system by the Ohio General Assembly which now ranks 46th on a national basis.

A further complication to this already severe problem came last year when the Ohio legislature struck \$30,000,000 from the higher education budget for this biennium. This cut resulted in tuition and fee increases at a number of state institutions including Ohio State which was forced to raise fees by \$25. Reluctantly, O.S.U. students absorbed this increase and began their 1977-1978 academic year. As it stands now, these same students will be asked to absorb yet a second increase.

Mrs. James, members of the Board, we are here today to bring to your attention a possible remedy to this problem.

June 8, 1978 meeting, Board of Trustees

MR. PAUL ZOCK (contd)

When the state of Ohio's legislative budget office discovered what could possibly be a state budget surplus of \$150,000,000, Representative Mike Stinziano proposed introducing H.B. 1269. This legislation will establish instructional fee ceilings at state-supported universities at winter '78 levels and seeks a supplemental appropriation of \$14,600,000. This figure is based on research conducted state-wide by the Ohio Board of Regents and is intended to finance H.B. 1269's proposals.

As the bill is currently written, Ohio State University will receive an appropriation of \$3,419,631. O.S.U.'s branch campuses will receive a combined total of \$96,325.

It is our belief that H.B. 1269 will relieve Ohio students from absorbing this second fee increase while seeking to recover only one-half of what our state universities were to receive this biennium.

O.S.U./U.S.G. is committed to a policy of cooperating with the O.S.U. administration in seeking logical answers to the problems which face The Ohio State University.

Our purpose in bringing this matter to your attention is twofold. First, to acknowledge the support of Mr. William Vandament and the Office of Resources and Planning. It is our understanding that they plan to work closely with us throughout the upcoming year on matters which affect the O.S.U. administration and the O.S.U. student body.

Second, we wish for you to understand our fervent desire to hold down fees at Ohio State University. Your assistance in this endeavor and your expertise in the formation of policies which can help us achieve this goal will be most appreciated.

Again, please accept my thanks for the opportunity to address you today.

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RESOLUTIONS IN MEMORIAM

Resolution No. 78-124

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

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.

June 8, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Karl Peter Klassen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 6, 1978, of Karl Peter Klassen, M.D., Professor Emeritus in the Department of Surgery and the first appointee to the "Karl P. Klassen Chair of Thoracic Surgery."

Dr. Klassen was born on October 25, 1908 in Spat, Crimea, Russia, one of thirteen children of a Mennonite minister. Dr. Klassen's father directed a German school in Spat for members of the Russian Royal Family and thus, in his early life, Dr. Klassen was exposed to art, literature and music. This exposure was to influence his adult life. The Klassen family migrated from Russia in 1925 due to political repression.

Dr. Klassen received his B.S. degree in 1931 from Wheaton College in Wheaton, Illinois. He entered the University of Chicago Medical School and while there became a surgical disciple of such great surgeons as Huggins, Phemister and Dragstedt. He graduated in 1935 and stayed on for surgical training under Dallas Phemister, then Chairman of the Department of Surgery.

During this period of time, Dr. Klassen developed a research interest in surgery and was advised to come to Columbus, Ohio, to train with George M. Curtis, Professor of Surgery and Chairman of the Department of Research Surgery. First a resident surgeon and then an associate of Dr. Curtis', Dr. Klassen became a pioneer in the developing field of thoracic surgery. He gained a reputation as a superb clinical surgeon and did basic research in the field of thoracic surgery. In 1950, Dr. Robert M. Zollinger, Chairman of the Department of Surgery, appointed him Director of the Division of Thoracic Surgery, a position that Dr. Klassen held for 26 years.

Dr. Klassen was a national and international authority in the field of thoracic surgery, the recipient of many medical and surgical honors, and held memberships in many surgical and medical societies, several of which conferred the honor of President upon him. He was the author and co-author of numerous articles concerning his research involving cardiopulmonary diseases with special emphasis on coronary and valvular heart surgery in which he was an early pioneer.

Dr. Klassen's civic and community activities involved the promotion of the cultural arts in Columbus. He was particularly interested in the Columbus Gallery of Fine Arts, the Columbus Symphony and he served on the Board of Trustees of the Columbus Center of Science and Industry, as well as being a past President of the Central Ohio Heart Association.

Dr. Klassen was a recognized authority on and a creative worker in the media of stained glass. His personal library collection on the subject of stained glass is thought to be one of the finest in this country. He was active in the development of the stained glass and mosaic murals which provide the cultural enrichment of the Medical College buildings of The Ohio State University.

June 8, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Karl Peter Klassen (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy 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.

Victor L. Steffel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 22, 1978, of Victor L. Steffel, Professor Emeritus in the College of Dentistry.

Dr. Steffel received his D.D.S. degree from The Ohio State University in 1926.

Dr. Steffel was a member of the faculty of the College of Dentistry from 1926 to 1948 and maintained a very successful private practice. He was Chairman of Removable Partial Prosthodontics from 1948 to 1963. He retired in 1967.

Dr. Steffel was past president of the Columbus Dental Society, the Ohio State Dental Association and Omicron Kappa Upsilon Dental Honorary. He was Executive Director of the American Prosthodontics Society 1955-74, received the Centennial Achievement Award from The Ohio State University and was presented the Distinguished Dental Award by the Ohio State Dental Association. He was Supreme Grand Master of Psi Omega dental fraternity and was a consultant to the Veterans Administration Hospital in Chillicothe, Ohio. He was the coauthor of a textbook on removable partial prosthodontics and has written numerous articles in recognized dental journals.

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

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**ESTABLISHMENT OF PROGRAM LEADING TO A
BACHELOR OF SCIENCE IN AUDIO RECORDING DEGREE**

Resolution No. 78-125

Synopsis: A program leading to the degree Bachelor of Science in Audio Recording is proposed.

WHEREAS the School of Music, College of The Arts, has prepared a new tagged degree program to be known as the Bachelor of Science in Audio Recording; and

June 8, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF PROGRAM LEADING TO A
BACHELOR OF SCIENCE IN AUDIO RECORDING DEGREE (contd)**

WHEREAS such a program is related to the development of the electronics music industry, to growing student interest, and to the University's ability to provide the resources necessary to the best academic training in this area; and

WHEREAS this program, with its significant component of mathematics and electrical engineering courses, cannot be accommodated as a standard major under the degree Bachelor of Music:

NOW THEREFORE

BE IT RESOLVED, That the proposal approved by the University Senate, April 29, 1978, for the establishment of the degree, Bachelor of Science in Audio Recording, be approved and that this proposal be forwarded to the Ohio Board of Regents pursuant to Section 3333.04 of the Ohio Revised Code for approval.

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

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**ESTABLISHMENT OF AN UNDERGRADUATE CERTIFICATE PROGRAM
IN SLAVIC AND EAST EUROPEAN STUDIES**

Resolution No. 78-126

Synopsis: Undergraduate Certificate Program in Slavic and East European Studies is proposed.

WHEREAS the University Center for International Studies, with the concurrence and cooperation of the College of Humanities, has prepared a new undergraduate Certificate Program in Slavic and East European Studies; and

WHEREAS such a program would make available the University's breadth of resources in the Slavic area in new ways to a large number of undergraduates; and

WHEREAS this program would permit any Ohio State University undergraduate, regardless of his or her major field of interest, to acquire fundamental, substantive and linguistic tools in Slavic and East European Studies; and

WHEREAS such a certificate would be visible evidence to prospective employers of the students' special accomplishment in this interdisciplinary area of study; and

WHEREAS this program can accomplish its objectives by taking advantage of existing faculty and library resources:

June 8, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF AN UNDERGRADUATE CERTIFICATE PROGRAM
IN SLAVIC AND EAST EUROPEAN STUDIES (contd)**

NOW THEREFORE

BE IT RESOLVED, That the undergraduate Certificate Program in Slavic and East European Studies which the University Senate approved on May 20, 1978, be adopted by the Board of Trustees for implementation Autumn Quarter 1978.

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

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**ESTABLISHMENT OF AN ACADEMIC FACULTY
OF EDUCATIONAL FOUNDATIONS AND RESEARCH**

Resolution No. 78-127

Synopsis: It is proposed that an Academic Faculty of Educational Foundations and Research be established with the Academic Faculty of Curriculum and Foundations merged with the Academic Faculty of Educational Development.

WHEREAS pursuant to rule 3335-3-34 of the Administrative Code Academic Faculties are created; and

WHEREAS the College of Education has proposed that the Academic Faculty of Curriculum and Foundations and the Academic Faculty of Educational Development be joined as the Academic Faculty of Educational Foundations and Research; and

WHEREAS such a merger has the overwhelming support of the membership of each faculty, the affirmative concurrence of the College of Education Senate and the approval of the Dean of the College of Education; and

WHEREAS existing student programs within the separate faculties will continue in the proposed union; and

WHEREAS the scholarly interests of the individual members in the two faculties are consonant and there has been previously developed an easy collaboration among them which will be rendered stronger by such a merger:

NOW THEREFORE

BE IT RESOLVED, That the proposal, as approved by the University Senate, May 20, 1978, to merge the Academic Faculty of Curriculum and Foundations and the Academic Faculty of Educational Development, be adopted.

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

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June 8, 1978 meeting, Board of Trustees

ESTABLISHMENT OF AN ASSOCIATE OF ARTS DEGREE

Resolution No. 78-128

Synopsis: Upon recommendation of the University Senate an Associate of Arts degree is proposed.

WHEREAS the Ohio Board of Regents has established guidelines for an Associate of Arts degree; and

WHEREAS The Ohio State University as an integral part of its baccalaureate program, has a sufficiency of academic offerings for this degree; and

WHEREAS many students at this University routinely fulfill requirements equivalent to those in the guidelines and would find this degree of some value; and

WHEREAS the availability of an Associate of Arts degree at this University will enhance the service it renders to its students and the State of Ohio:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University under the auspices of the Colleges of the Arts and Sciences award an Associate of Arts degree as approved by the University Senate, May 20, 1978, and pursuant to Section 3333.04 of the Ohio Revised Code, with the approval of the Board of Trustees, the proposal be forwarded to the Ohio Board of Regents with the program to become operative upon approval by the Ohio Board of Regents.

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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DISTINGUISHED SERVICE AWARDS

Resolution No. 78-129

Synopsis: Recommendation for four individuals to receive Distinguished Service Awards is made.

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 the Summer Quarter Commencement Convocation:

Harold J. Grimm
James R. McCoy
Edwin L. Mitchell
Edward F. Wagner

June 8, 1978 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS (contd)

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. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF THE S. ROBERT DAVIS CHAIR OF MEDICINE

Resolution No. 78-130

Synopsis: An "Endowed Chair" 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 a gift to The Ohio State University Development Fund from S. Robert Davis, Columbus, Ohio, has been received for the establishment of "The S. Robert Davis Chair of 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 of 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 scholar, researcher and teacher in the College of Medicine with appointment to the Davis Chair to be recommended by the Dean of the College of Medicine to the Provost and approved by the Board of Trustees with the term of appointment to be for four (4) years, subject to reappointment on review; 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 medical education:

June 8, 1978 meeting, Board of Trustees

ESTABLISHMENT OF THE S. ROBERT DAVIS CHAIR OF MEDICINE (contd)

NOW THEREFORE

BE IT RESOLVED, That "The S. Robert Davis Chair of Medicine" be established in accordance with the wishes of the donor.

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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BUDGET SUMMARY (THIRD QUARTER 1977-78)

Resolution No. 78-131

Synopsis: The third quarter summary report of the current funds budget is presented for review.

The third quarter report of the 1977-78 Current Funds Budget contains minor total adjustments in projected expenditures--from \$387,411,000 to \$387,387,000--and in projected income--from \$391,080,000 to \$390,356,000. Some internal shifts among expenditure categories are due to changes made recently in the University's accounting system. Whereas the Research Foundation formerly maintained a separate accounting system, its accounts have been consolidated into the University accounting system. As a result, institutional support services provided to the Research Foundation are now treated as inter-department sales rather than as services producing outside income, and corresponding downward revisions have been made in the institutional support budget. Increases in Research Foundation expenditures reflect both the addition of new grants and contracts, e.g., the recent award to the Center for Vocational Education, and the transfer to the Research Foundation of administrative responsibility for grants and contracts formerly administered elsewhere in the University. Corresponding decreases in other sponsored research budget categories have accompanied this phased transfer of responsibility, e.g., a decrease in the Engineering Experiment Station budget from \$2,433,000 to \$1,817,000 is shown.

WHEREAS the third quarter report of the 1977-78 current funds budget which is presented for review by the Board of Trustees is balanced and contains a total downward revision to budgeted expenditures from \$387,411,000 to \$387,387,000:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget be accepted.

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

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THE OHIO STATE UNIVERSITY
 1977-78 CURRENT FUNDS BUDGET
 BUDGETED EXPENDITURES FOR 1977-78
 (IN THOUSANDS)

	Budget Approved March 3, 1978	Proposed Revised Budget June 8, 1978
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$134,229	\$134,558
Libraries	7,374	7,364
Other Academic Support	2,351	2,464
Sponsored Programs Administration	2,070	2,102
Student Services	6,860	7,038
Plant Operation	22,411	22,826
Institutional Support	18,118	14,081
Total Instruction and General	\$193,413	\$190,433
Sponsored Research		
Research Foundation	\$ 21,300	\$ 24,195
Engineering Experiment Station	2,433	1,818
University Sponsored Programs	700	731
Other	2,361	2,121
Total Sponsored Research	\$ 26,794	\$ 28,865
Public Service		
University Hospitals	\$ 73,226	\$ 72,727
Cooperative Extension Service	16,950	17,925
University Sponsored Programs	2,353	2,353
Other	16,687	16,119
Conferences	1,915	2,160
Total Public Service	\$111,131	\$111,284

THE OHIO STATE UNIVERSITY
 1977-78 CURRENT FUNDS BUDGET
 BUDGETED EXPENDITURES FOR 1977-78
 (IN THOUSANDS)

	Budget Approved March 3, 1978	Proposed Revised Budget June 8, 1978
Columbus Campus (contd)		
Scholarships and Fellowships	\$ 5,408	\$ 5,417
Auxiliaries		
Student Housing	\$ 17,829	\$ 17,932
Intercollegiate Athletics	7,947	7,620
University Bookstores	4,263	4,467
Student Health Service	2,246	2,262
Student Unions	2,210	2,419
Parking Facilities	2,046	2,405
University Airport	1,668	1,688
Fawcett Center for Tomorrow	1,329	1,268
Other	937	1,147
Total Auxiliaries	\$ 40,475	\$ 41,208
TOTAL COLUMBUS CAMPUS	\$377,221	\$377,207
Regional Campuses		
Administration	\$ 171	\$ 171
Lima Campus	2,046	2,046
Mansfield Campus	2,219	2,219
Marion Campus	1,313	1,313
Newark Campus	2,023	2,023
Agricultural Technical Institute	2,233	2,233
Wright Patterson Graduate Center	185	175
Total Regional Campuses	\$ 10,190	\$ 10,180
GRAND TOTAL	\$387,411	\$387,387

THE OHIO STATE UNIVERSITY
 1977-78 CURRENT FUNDS BUDGET
 SOURCES OF INCOME TO SUPPORT 1977-78 BUDGETS
 (In Thousands)

	Estimated Income March 3, 1978	Revised Estimated Income June 8, 1978
Columbus Campus		
Government Appropriations		
State of Ohio	\$128,095	\$128,977
Federal	46,971	47,317
Local	4,081	5,231
Subtotal	\$179,147	\$181,525
Student Fees		
Instruction and General	\$ 54,640	\$ 54,150
Room and Board	14,875	15,028
Other	2,173	2,430
Subtotal	\$ 71,688	\$ 71,608
Other Income		
Auxiliary Sales and Charges	\$ 92,939	\$ 90,006
Department and University Services	17,891	18,270
Endowment Income	2,806	2,676
Gifts and Grants	13,210	12,382
Temporary Investments	2,100	2,600
Subtotal	\$128,946	\$125,934
TOTAL COLUMBUS CAMPUS	\$379,781	\$379,067

Regional Campuses

Lima Campus	\$ 2,398	\$ 2,398
Mansfield Campus	2,519	2,519
Marion Campus	1,506	1,506
Newark Campus	2,289	2,289
Agricultural Technical Institute	2,402	2,402
Wright Patterson Graduate Center	185	175
TOTAL REGIONAL CAMPUSES	\$ 11,299	\$ 11,289
GRAND TOTAL	\$391,080	\$390,356

RECOMMENDED BUDGET 1978-79 BY PRESIDENT ENARSON

President Enarson made the following comments:

I would like to say a few words about this before introducing Dr. Vandament. This, of course, is the single most important recommendation adopted by the Board of Trustees in any year. The budget involves painful choices on a variety of fronts. The second year of the biennium is considerably easier to develop than is the first year. We at least are spared the great uncertainties associated with budget-making while the General Assembly is in progress. We have the great advantage in short of knowing what the appropriation to Ohio State University is. The budget, of course, is in dollar terms a very large amount and there can be no denial of that. On the other hand, I think you should understand that the room for maneuvering is relatively slight. There's not flexibility one wishes for; there's certainly no way in which one can impose major cuts in order to establish brand new programs and you will find no new programs of consequence in the entire budget. Inevitably, we always move to one of the many critical calculations in the budget and that's a matter of trade off both on the income and the expenditure side. Faculty and staff salaries represent roughly 80 per cent--four out of every five dollars in the operating budget. At a time when inflation has been running at six and a half to seven per cent, one of the first issues before us is what amount of 'increase' is appropriate in the context of current measures of inflation. At the same time as we contemplate that particular problem we are forced also to look at the income side of the budget and here again with the state contribution already a matter of fact and record, we, of necessity, are driven to look to the fee structure in terms of ways of increasing the income. These are choices we would prefer not to make. There are students who prefer to see no connection between the instructional fees that they pay and the quality of instruction they receive. There are faculty members in turn who would prefer to look only at the adequacy of faculty salary increases and not look at the burden imposed on students. I'm not suggesting that the entire transaction is as simple as I have outlined it, but that is the relationship between these, and salary structure is necessarily utterly basic. We've developed this as a conservative budget; it shows no great surprises; it's in line with presentations made very early in the year; it's in line with public statements that I and others of this administration have made in good faith to our students and I think that's the way it should be.

I do have one other major concern. We developed this budget at a time when inflation appeared to be in the order of six and a half per cent edging up to seven. We now complete it four or five months later at a time when we see a new burst of inflation and with the likely prospect of a cost of living index that may go somewhere above eight per cent, but it's late in the game to make any adjustment along those lines but I think it is important that we put on the record, so to speak, the fact that we will not be able to sustain real incomes for our total faculty and staff with this particular increase. We did cover in Dr. Vandament's presentation this morning this entire budget. It was reviewed by the finance committee, but perhaps Dr. Vandament wants to touch some of the highlights, since I'm not sure everybody was here.

BUDGET 1978-79

Dr. Vandament presented a few highlights of the Budget for 1978-79. He indicated his concurrence with the President's comments concerning inflation in terms of faculty-staff salaries and in terms of supplies and equipment purchases.

I. INTRODUCTION

The proposed 1978-79 Budget has been developed in an environment of competing pressures to meet the inflationary prices for necessary expenditures, to protect the purchasing power of faculty and staff salaries, to contain student fees at as low a level as possible, and to provide flexibility for the University to react quickly to changes in resource levels. The natural conflict among these objectives is worsened for 1978-79 by unavoidable cost increases in such items as utilities, legislatively mandated pay increases for classified staff, and maintenance of current employee benefits that are estimated at 10.4 per cent above the present base. The 1978-79 Budget, as proposed, necessarily reflects some compromise among these interests.

We have known since the passage of the State's biennial budget bill in 1977 that the University would not receive sufficient State support to continue the same services at the same levels as in the past without increasing revenues from other sources. Mandated and inflationary cost increases, rising at a more rapid rate for institutions of higher education than in the general economy, are outstripping growth in the State's revenue levels. Thus, the proposed 1978-79 Budget contains minimal increases in faculty/staff salaries, some increases in student fees, and implementation of the second phase of an internal budget reallocation plan initiated in 1977-78.

Some income factors, in addition to those associated with the prediction of enrollment-produced revenues, are uncertain at this date. For example, we do not know the amount of State support we will receive to cover pay increases that the General Assembly has mandated for classified employees. We will present a revised budget proposal later if events occur that cannot be accommodated by this budget.

II. SUMMARY OF PROJECTED TOTAL CURRENT EXPENDITURES AND REVENUES OVERVIEW

The University uses the five principal expenditure categories required by the Ohio Board of Regents in developing and reporting its budget and system of accounts: Instruction and General, Sponsored Research, Public Service, Student Aid, and Auxiliary Services. The following summaries provide an overview of the proposed University Budget for 1978-79 as compared with projected 1977-78 expenditure levels. In these summaries, total budgeted expenditures are presented which combine unrestricted general fund expenditures with other expenditures that are supported by earnings (e.g., Residence Halls, University Hospitals) and restricted funds from outside sources (e.g., Development Fund contributions). The unrestricted general fund budget will be presented in greater detail in Section III of this report.

Summary 1 shows the total University budget with the Columbus Campus and Regional Campuses separately displayed.

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BUDGET 1978-79 (contd)

SUMMARY 1

	Estimated 1977-78	Proposed 1978-79	Increase
Columbus Campus	\$377,207,000	\$411,184,000	+\$33,977,000 +9.0%
Regional Campuses	10,180,000	10,930,000	+ 750,000 +7.4%
Total	\$387,387,000	\$422,114,000	+\$34,727,000 +9.0%

In Summary 2, estimated 1977-78 expenditures and proposed expenditures for 1978-79 are presented for each of the five principal expenditure categories of the Columbus Campus.

SUMMARY 2

Budget Categories	Estimated 1977-78	Proposed 1978-79	Portion of Total Budget 1978-79
Instruction and General	\$190,433,000	\$206,550,000	51%
Sponsored Research	28,865,000	34,582,000	8%
Public Service	111,284,000	120,591,000	29%
Student Aid	5,417,000	5,787,000	1%
Auxiliary Services	41,208,000	43,674,000	11%
Totals	\$377,207,000	\$411,184,000	100%

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BUDGET 1978-79 (contd)

Summary 3 provides an overview of the sources of income for all activities on the Columbus Campus.

SUMMARY 3

Source	Estimated 1977-78	Proposed 1978-79	Portion of Total Budget 1978-79
State of Ohio	\$128,977,000	\$141,017,000	34%
Federal	47,317,000	52,469,000	13%
Instruction and General Fees	54,150,000	58,480,000	14%
Room and Board Fees	15,028,000	16,113,000	4%
Other Revenues	133,595,000	145,285,000	35%
Totals	\$379,067,000	\$413,364,000	100%

Finally, Summary 4 provides current and proposed expenditures for those campuses of the University not located in Columbus.

SUMMARY 4

**Regional Campuses
Projected Expenditures**

Campus	Estimated 1977-78	Proposed 1978-79
Lima Campus	\$ 2,046,000	\$ 2,266,000
Mansfield Campus	2,219,000	2,295,000
Marion Campus	1,313,000	1,391,000
Newark Campus	2,023,000	2,113,000
Agricultural Technical Institute (Wooster)	2,233,000	2,521,000
Wright Patterson Graduate Center	175,000	165,000
Regional Campus Administration	171,000	179,000
Totals	\$10,180,000	\$10,930,000

June 8, 1978 meeting, Board of Trustees

BUDGET 1978-79 (contd)

III. UNRESTRICTED FUNDS AND THE INSTRUCTION AND GENERAL BUDGET OVERVIEW:

The core budget of the University is the Instruction and General Budget of the Columbus campus. This budget supports the credit educational programs in which students enroll, along with the academic and administrative support services required. The sub-categories of the Instruction and General Budget are: Departmental Instruction and Research, Libraries, Other Academic Support (e.g., Teaching Aids Laboratory), Sponsored Program Administration, Student Services, Plant Operation, and Institutional Support.

About 95 per cent of the Unrestricted General Funds that the University forms by pooling its state subsidy, student instructional and general fees, and other unrestricted income are required to support the Instruction and General Budget. Approximately 85 per cent of the Instruction and General Budget is funded from unrestricted funds, the remaining coming from earnings operations and restricted or designated funds. Thus, the Instruction and General Budget is part of the total University Budget that is affected most by the decisions the University makes about the allocation of its Unrestricted General Funds. Because the most direct allocation decisions occur in the expenditure of Unrestricted General Funds the following analysis is presented for the proposed expenditure of those unrestricted funds for 1978-79.

A. CHARACTERISTICS OF 1978-79 UNRESTRICTED GENERAL FUNDS EXPENDITURES AND INCOME

The proposed Unrestricted General Funds Budget calls for expenditure increases of \$15.3 million over the 1977-78 base of \$170.6 million. This recommended Budget is balanced in part through internal savings so that inflationary cost increases could be met and some high priority objectives of the University realized.

The Unrestricted General Funds Budget for 1978-79 is designed to achieve the following objectives:

- * Meet unavoidable cost increases for retirement programs, utilities, mandated pay increases for classified employees -- \$5.6 million.
- * Provide a 6.5 per cent planned salary increase for continuing faculty and administrative/professional staffs -- \$6.0 million.
- * Provide a 7.0 per cent adjustment for operating budgets to meet costs other than continuing personnel -- \$1.3 million.
- * Set aside a Minimum Flexibility Fund as a hedge against revenue shortfalls, to fund existing budget deficiencies (equipment replacement, accreditation requirements, etc.), and/or to undertake necessary activities (increased services to part-time students) -- \$2.3 million.

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BUDGET 1978-79 (contd)

It is proposed that the above cost increases be met as follows:

- * Increase in instructional subsidies -- \$7.8 million.
- * Increases in combined instructional and general fees of \$20 per quarter for undergraduates, \$25 for graduate and law students and additional increases for other students -- \$3.7 million.
- * Projected State funding to meet costs of classified employee pay increases -- \$2.7 million.
- * Increases in other income, and annualization of 1977-78 fee increases -- \$1.0 million.

B. COST OF PROPOSED BUDGET

This section contains analyses of the costs of the Unrestricted General Funds for 1978-79. Subsequent sections of this report incorporate restricted funds and earnings accrued by the various operations of the University for the provision of specific services.

The new costs which must be met from Unrestricted Funds are distributed among the following categories: Mandated Costs, College and Office Budget Increases, Added Operational Costs, and Savings.

Mandated Costs. Mandated cost increases of \$5.6 million are anticipated for 1978-79. As can be seen in the following table, unavoidable cost increases are the result of retirement rates, utility rates, salary increases for classified employees, and additional fee compensation to offset projected increases in fees for graduate students. Approximately \$2.7 million has been budgeted to meet costs of mandated pay increases for classified employees.

Increase in Employee Benefits	\$ 475,000
Increase in Utilities Costs	\$1,500,000
Classified Staff Pay Increases	\$2,675,000
Fee Compensation/Waivers	\$ 653,000
Other (Minimum Wage, Postage Rates, etc.)	\$ 323,100
Total	\$5,626,100

These mandated cost increases generally exceed those that might be predicted on the basis of general inflationary pressures. For example, increased utilities costs of 20 per cent and classified employee pay increases of 8.9 per cent are forecast for 1978-79. In the aggregate, these mandated costs represent an increase of 10.4 per cent over the 1977-78 base.

BUDGET 1978-79 (contd)

College and Office Budget Increases. A planned salary increase of 6.5 per cent for regular, continuing faculty and administrative/professional staff would result in additional costs of approximately \$5.1 million. The increases range from a minimum of \$360 to a maximum of 10 per cent, per person, to be funded from increases in the Unrestricted General Funds. Provisions have also been made for exceptional merit increases above these levels for a maximum of 10 per cent of a college or office staff when such increases can be funded by the college or office through reductions in other expenditures.

This 6.5 per cent average increase is considered minimal because cost of living increases will undoubtedly exceed that level during the coming year. This increase follows a 5.7 per cent increase for 1977-78 that resulted in some erosion of the purchasing power of our faculty and staff personal incomes.

A 7 per cent adjustment to other college and office budget categories to meet increased costs of operating supplies and equipment would increase expenditures by \$2.3 million. Our studies of the inflationary impact on these budgets reveal a decrease in purchasing power of 31 per cent over the past eight years. We are currently completing a comprehensive study of the status of the University's equipment to determine the one-time and continuing costs of correcting severe deficiencies. (If final income levels for 1978-79 are sufficient, we hope to use some of the budgeted Minimum Flexibility Funds to start a systematic program of equipment replacement.)

Faculty and Administrative and Professional Salaries (+6.5%)	\$5,992,700
Other Budget Categories (+7.0%)	\$1,332,400
Total	\$7,325,100

Minimum Flexibility Fund. This proposed budget contains a Minimum Flexibility Fund of \$2.3 million to meet potential shortages in revenue and unexpected costs, or to remedy existing budget deficiencies if other income and expense factors permit. Major income uncertainties for 1978-79 are associated with funding for classified salary increases and potential changes in the indirect overhead reimbursement for research projects funded by the Department of Health, Education, and Welfare. Funds remaining in this Minimum Flexibility category, after covering any shortages of revenue and unusual expenditures, will be used to initiate a systematic equipment replacement program, increase the University's services to part-time students, strengthen graduate programs to ensure their competitive status in a period of nationwide enrollment decline, selectively remedy a series of current budgetary deficiencies, and fund improvements which have a potential for long-range savings.

This Minimum Flexibility Fund will not be adequate to cover all potential shortages that could result from the preceding. In the event that our most pessimistic projections are

June 8, 1978 meeting, Board of Trustees

BUDGET 1978-79 (contd)

realized, we will also use the \$2.0 million reserve the University has traditionally maintained to meet shortages on a temporary basis.

Minimum Flexibility Fund	\$2,318,400
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Savings/Retrenchment. The 1977-78 Budget contained selective base budget savings and retrenchments of \$3.1 million to cover anticipated shortages in revenue. Many of these base budget reductions have been phased over a two-year period to permit a rational process of reduction that would include appropriate changes in staffing patterns as well as reductions in operating and equipment expenditures, some of which may only postpone major expenditures. That base budget reduction program will be completed during 1978-79. These second phase reductions are reflected in the 1977-78 base budgets rather as a change in budgets for 1978-79.

Total Cost of Budget Plan. The total net cost of the proposed budget plan for Unrestricted General Funds is shown below.

Mandated Costs	\$ 5,626,100
College and Office Budget Increases	\$ 7,325,100
Minimum Flexibility Funds	\$ 2,318,400
Total	\$15,269,600

C. RESOURCES TO MEET BUDGET PLAN

Increase in Instructional Subsidy. The appropriations bill for the current biennium (Substitute House Bill 191) will provide an additional \$7.8 million in Instruction Subsidies for 1978-79 from 1977-78 levels, provided the University can meet its targeted enrollment levels. This represents an increase of 7.4 per cent over the 1977-78 subsidy level of \$105,543,100, and will yield an increase of 4.6 per cent to the total Unrestricted General Fund of the University.

Increase in Instructional Subsidy	\$7,828,800
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Funding for Classified Employee Salary Increases. A bill to provide State funding for the salary increases of classified employees is presently under review by committees of the General Assembly. In this proposed Budget, it has been assumed that the University will receive a supplemental allocation to cover the cost of the salary increases of employees on payrolls funded by the Unrestricted General Funds, but not those increases mandated for employees funded through auxiliary or restricted fund payrolls.

Increased State Funding for Classified Employees	\$2,675,000
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BUDGET 1978-79 (contd)

Instructional Fees. It is recommended that full-time undergraduate instructional fees be increased by \$15 per quarter and that increases of \$20 per quarter be implemented for graduate and College of Law students. Increases in these amounts represent 6.1 per cent to 6.5 per cent increases over current levels.

Larger increases have been recommended for students in the Colleges of Dentistry, Optometry, Veterinary Medicine, and Medicine. For the College of Medicine, a major fee increase of \$175 per quarter would represent the second half of an increment from 1976-77 OSU levels to those recommended in Substitute House Bill 191. An increase of \$95 per quarter is recommended for the other graduate professional colleges of Dentistry, Optometry, and Veterinary Medicine. This increase also represents the second half of an increase from 1976-77 OSU levels to those fee levels recommended by state governmental bodies.

Additional increases in non-resident surcharges of \$25 for undergraduate and graduate students and \$30 for graduate professional students are assumed in these revenue projections.

The specific fee schedule recommendations are contained in a separate proposal.

Instructional Fee Increase	\$3,080,000
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General Fee. This proposed budget also assumed a General Fee increase of \$5 from \$60 to \$65 per quarter. Under Ohio law, revenues from the General Fee are to be used in support of "non-instructional institutional services performed for the benefit of enrolled students." At OSU, this includes such things as the operation of the Ohio and Drake Unions, the counseling and consultation center, the student health center, various student organizations, student financial aids, and the intramural and recreational sports program.

There will be a substantial increase in those student service budgets supported by general fees for the coming year. This is a result of compensation increases, inflation and operating costs for Larkins Hall and our other new recreational facilities.

General Fee Increase	\$ 655,000
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Other Income. Revenues from a variety of other sources should realize an increase of \$1.0 million. For example, annualization of the fee increases instituted in the Autumn of 1977-78 should produce additional revenues of approximately \$0.6 million for 1978-79. Other income from federal sources, the University's cash management program, unrestricted endowments, indirect cost recovery from grants and contracts, etc., should produce an additional \$0.4 million. These increases can be applied to meet the revenue needs of the Unrestricted General Funds budgets.

Other Income	\$1,030,800
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June 8, 1978 meeting, Board of Trustees

BUDGET 1978-79 (contd)

Total Additional Revenues

Increase in Subsidy	\$ 7,828,800
Increased Funding for Classified Employees	\$ 2,675,000
Instructional Fees	\$ 3,080,000
General Fees	\$ 655,000
Other Income	\$ 1,030,800
Grand Total	\$15,269,600

D. ADJUSTMENT TO RESOURCE CHANGES

If resources for 1978-79 do not meet expectations, the budget will be cut back accordingly. The obvious areas for reduction would be in those funds that have not yet been committed to offices and colleges; i.e., the Minimum Flexibility Funds. Additionally, we will adopt selectively alternate plans which the various colleges and offices submitted during prior budget reviews. If subsequent events cause us to reevaluate this budget, we will present a revised budget to the Board of Trustees.

IV. RESTRICTED FUNDS AND EARNINGS OPERATIONS

The total budget of \$422,114,000 proposed for 1978-79 contains, in addition to the Unrestricted General Funds Budget and Regional Campus Budgets, projected expenditures of \$222,222,500 in restricted funds and earnings from outside sources. In these categories, the University requires that the operations generally acquire enough funds to support their own activities, and the University Central Administration works with each operation separately to achieve the required solvency through management or fund-raising efforts. With rare exception, based on specific educational or support services provided by the operation, these earnings and restricted funds activities do not encumber our Unrestricted General Funds. Because of important student services performed, the Student Health Center and the Student Unions are projected to receive a total of \$2,136,400 in Unrestricted Fund Support to supplement their earned income.

Current and proposed expenditure levels for these activities are as follows.

	Estimated 1977-78	Proposed 1978-79	Increase
Earnings	\$120,339,600	\$130,067,700	+\$ 9,728,100 + 8.1%
Restricted	83,418,800	92,154,800	+ 8,736,000 +10.5%
Total	\$203,758,400	\$222,222,500	+\$18,464,100 + 9.1%

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BUDGET 1978-79 (contd)

Proposed income and expenditure levels for 1978-79 are projected to show balances in earnings operations for capital reserve and operating cash purposes.

	1978-79 Proposed Expenditures	1978-79 Projected Income	Variance
Earnings	\$130,067,700	\$133,208,100	\$3,140,400
Restricted	\$ 92,154,800	\$ 92,254,800	\$ 100,000

The final budgets negotiated with these operations are balanced and consistent with University guidelines for compensation and other expenditures. The University Administration has reviewed the income and expenditure plans of these operations and recommends their inclusion in this proposed 1978-79 Budget.

V. RECOMMENDATIONS

It is recommended that

- * The budget as proposed for the fiscal year 1978-79 be approved.
- * The Schedule of Fees for the Autumn Quarter, 1978 be approved.
- * The Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including Salary Rolls with academic promotions and the Fees and Charges for 1978-79 fiscal year and to file these materials with the official records of the University.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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CAPITAL BUDGET REQUEST 1979-85

Resolution No. 78-132

Synopsis: The Capital Budget Request for 1979-85 is presented for review prior to submission to the Ohio Board of Regents.

WHEREAS the Capital Budget Request for 1979-85 contains projects that are directed primarily toward the renovation and replacement of existing facilities, or to meet specialized program needs; and

WHEREAS this Request is consistent with guidelines provided by the Ohio Board of Regents; and

THE OHIO STATE UNIVERSITY
 1978-79 CURRENT FUNDS BUDGET
 BUDGETED EXPENDITURES FOR 1978-79
 (IN THOUSANDS)

	1977-78 Revised Budget	1978-79 Proposed Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$134,558	\$145,125
Libraries	7,364	8,235
Other Academic Support	2,464	2,718
Sponsored Programs Administration	2,102	2,244
Student Services	7,038	7,715
Plant Operation	22,826	25,205
Institutional Support	14,081	15,308
Total Instruction and General	\$190,433	\$206,550
Sponsored Research		
Research Foundation	\$ 24,195	\$ 29,675
Engineering Experiment Station	1,818	1,998
University Sponsored Programs	731	913
Other	2,121	1,996
Total Sponsored Research	\$ 28,865	\$ 34,582
Public Service		
University Hospitals	\$ 72,727	\$ 79,298
Cooperative Extension Service	17,925	19,185
University Sponsored Programs	2,353	2,419
Other	16,119	17,339
Conferences	2,160	2,350
Total Public Service	\$111,284	\$120,591

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	1977-78 Revised Budget	1978-79 Proposed Budget
Columbus Campus (contd)		
Scholarships and Fellowships	\$ 5,417	\$ 5,787
Auxiliaries		
Student Housing	\$ 17,932	\$ 19,123
Intercollegiate Athletics	7,620	8,199
University Bookstores	4,467	4,736
Student Health Service	2,262	2,398
Student Unions	2,419	2,480
Parking Facilities	2,405	2,692
University Airport	1,688	1,751
Fawcett Center for Tomorrow	1,268	1,359
Other	1,147	936
Total Auxiliaries	\$ 41,208	\$ 43,674
TOTAL COLUMBUS CAMPUS	\$377,207	\$411,184
Regional Campuses		
Administration	\$ 171	\$ 179
Lima Campus	2,046	2,266
Mansfield Campus	2,219	2,295
Marion Campus	1,313	1,391
Newark Campus	2,023	2,113
Agricultural Technical Institute	2,233	2,521
Wright Patterson Graduate Center	175	165
Total Regional Campuses	\$ 10,180	\$ 10,930
GRAND TOTAL	\$387,387	\$422,114

THE OHIO STATE UNIVERSITY
 1978-79 CURRENT FUNDS BUDGET
 SOURCES OF INCOME TO SUPPORT 1978-79 BUDGETS
 (In Thousands)

	1977-78 Estimated Income	1978-79 Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$128,977	\$141,017
Federal	47,317	52,469
Local	5,231	5,603
Subtotal	\$181,525	\$199,089
Student Fees		
Instruction and General	\$ 54,150	\$ 58,480
Room and Board	15,028	16,113
Other	2,430	2,650
Subtotal	\$ 71,608	\$ 77,243
Other Income		
Auxiliary Sales and Charges	\$ 90,006	\$ 97,890
Department and University Services	18,270	19,622
Endowment Income	2,676	2,745
Gifts and Grants	12,382	13,975
Temporary Investments	2,600	2,800
Subtotal	\$125,934	\$137,032
TOTAL COLUMBUS CAMPUS	\$379,067	\$413,364
Regional Campuses		
Lima Campus	\$ 2,398	\$ 2,566
Mansfield Campus	2,519	2,611
Marion Campus	1,506	1,605
Newark Campus	2,289	2,398
Agricultural Technical Institute	2,402	2,688
Wright Patterson Graduate Center	175	165
TOTAL REGIONAL CAMPUSES	\$ 11,289	\$ 12,033
GRAND TOTAL	\$390,356	\$425,397

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1978

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Undergraduate						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
Biological Sciences						
Continuing Education						
Dental Hygiene	0-1	\$ 41	\$ 8	\$ 49	\$ 33	\$ 82
Education	2	53	12	65	66	131
Engineering	3	65	16	81	99	180
Health, Physical Education and Recreation	4	87	21	108	132	240
Humanities	5	108	27	135	165	300
Journalism	6	130	33	163	198	361
Mathematics and Physical Sciences	7	152	38	190	230	420
Music	8	174	43	217	263	480
Natural Resources	9 or more	260	65	325	395	720
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
The Arts						
University College						

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1978 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Graduate School	0-1	\$ 41	\$ 8	\$ 49	\$ 33	\$ 82
	2	66	13	79	66	145
	3	83	16	99	99	198
	4	110	22	132	132	264
	5	138	27	165	165	330
	6	165	33	198	198	396
	7	193	38	231	230	461
	8	220	43	263	263	526
	9 or more	330	65	395	395	790
Graduate Professional						
Law	0-3	\$ 88	\$ 16	\$ 104	\$ 127	\$ 231
	4	117	21	138	170	308
	5	146	27	173	212	385
	6	175	32	207	255	462
	7 or more	350	65	415	510	925
Medicine	0-3	\$ 166	\$ 16	\$ 182	\$ 127	\$ 309
	4	222	21	243	170	413
	5	277	27	304	212	516
	6	333	32	365	255	620
	7 or more	665	65	730	510	1,240
Dentistry Optometry Veterinary Medicine	0-3	\$ 125	\$ 16	\$ 141	\$ 127	\$ 268
	4	167	21	188	170	358
	5	208	27	235	212	447
	6	250	32	282	255	537
	7 or more	500	65	565	510	1,075

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1978 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
University Regional Campuses						
Undergraduate	0-1	\$ 41	\$ 6	\$ 47	\$ 33	\$ 80
	2	53	9	62	66	128
	3	65	12	77	99	176
	4	87	16	103	132	235
	5	108	21	129	165	294
	6	130	25	155	198	353
	7	152	29	181	230	411
	8	174	33	207	263	470
	9 or more	260	50	310	395	705
Graduate						
Graduate	0-1	\$ 41	\$ 6	\$ 47	\$ 33	\$ 80
	2	66	10	76	66	142
	3	83	12	95	99	194
	4	110	16	126	132	258
	5	138	20	158	165	323
	6	165	25	190	198	388
	7	193	29	222	230	452
	8	220	33	253	263	516
	9 or more	330	50	380	395	775

Undergraduate and graduate students enrolled in any quarter, term, or period for nine or more credit hours will be assessed full fees. Fees for undergraduate and graduate students enrolled for eight 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 fee being \$41 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.

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1978 (contd)

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$260	\$65	\$325	\$395	\$720
Agriculture and Home Economics	260	65	325	395	720
Arts and Sciences	260	65	325	395	720
The Arts	260	65	325	395	720
Biological Sciences	260	65	325	395	720
Humanities	260	65	325	395	720
Mathematics and Physical Sciences	260	65	325	395	720
Social and Behavioral Sciences	260	65	325	395	720
Education	260	65	325	395	720
Engineering	260	65	325	395	720
Graduate School	330	65	395	395	790
Dentistry	500	65	565	510	1,075
Dental Hygiene	260	65	325	395	720
Law	350	65	415	510	925
Medicine	665	65	730	510	1,240
School of Allied Medical Professions	260	65	325	395	720
School of Nursing	260	65	325	395	720
Optometry	500	65	565	510	1,075
Pharmacy	260	65	325	395	720
Veterinary Medicine	500	65	565	510	1,075
University College	260	65	325	395	720
University Regional Campuses					
Undergraduate	260	50	310	395	705
Graduate	330	50	380	395	775

June 8, 1978 meeting, Board of Trustees

CAPITAL BUDGET REQUEST 1979-85 (contd)

WHEREAS the Request for the 1979-81 biennium has received a thorough review by the Fiscal Affairs Committee of the Board:

NOW THEREFORE

BE IT RESOLVED, That the accompanying list of capital projects for 1979-81 be submitted to the Ohio Board of Regents in the University's Capital Budget Request for 1979-85, and that the Administration of the University be authorized to enter discussions with the Regents' staff and other governmental representatives to secure funding for a final 1979-81 project list; and

BE IT FURTHER RESOLVED, That the Administration undertake discussions with the Regents' staff, other governmental representatives, and interested community leaders to determine the feasibility and funding source, or sources, for a Cancer Institute to contain inpatient and outpatient treatment facilities along with research and teaching facilities.

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

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**AUTHORIZATION FOR THE TREASURER OF THE UNIVERSITY
TO SERVE AS TRUSTEE FOR UNITRUSTS AND ANNUITY TRUSTS**

Resolution No. 78-133

Synopsis: Authorization for Treasurer of The Ohio State University to serve as Trustee for Unitrusts and Annuity Trusts.

WHEREAS The Ohio State University Development Fund has requests for the University or its designee, to serve as Trustee of charitable remainder unitrusts or charitable remainder annuity trusts, in order to minimize the expense of the trust by not having a bank serve as Trustee:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University be and he is hereby authorized to serve as Trustee for any charitable remainder unitrusts and charitable remainder annuity trusts in which The Ohio State University is the charitable remainder beneficiary; and to execute as Trustee on behalf of the University, any and all documents approved by University legal counsel, which are required to complete such gifts.

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

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June 8, 1978 meeting, Board of Trustees

CAPITAL BUDGET REQUEST 1979-81
PROJECT LIST

COLUMBUS CAMPUS

McPherson Laboratory Replacement	\$ 8,200,000
Agricultural Engineering Building Replacement	5,200,000
Utilities and Renovations	16,766,000
TOTAL	\$30,166,000

HEALTH SCIENCES

Veterinary Sciences Facility	\$ 4,100,000
Cancer Center Research Laboratory	4,000,000
TOTAL	\$ 8,100,000

OFF CAMPUS

Agricultural Technical Institute - Phase III	\$ 5,200,000
Marion Campus - Phase III	1,500,000
Cooperative Extension Centers	1,080,000
TOTAL	\$ 7,780,000

REGENTS' BARRIER REMOVAL PROGRAM

Architecture Barrier Removal - All Campuses	\$ 954,000
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PERSONNEL ACTIONS

Resolution No. 78-134

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation; Appointments; Reappointments of Chairmen of Departments and Divisions, and Directors of Schools and Center; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the May 5, 1978 meeting of the Board, including the following Resignation; Appointments; Reappointments of Chairmen of Departments and Divisions, and Directors of Schools and Center; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budgets for 1977-78 and 1978-79 be approved.

Resignation of William J. Holloway

President Enarson:

I would like to call the Board's attention to the forthcoming resignation of Dr. William Holloway who I am pleased to see is with us here today. Bill has indicated his intention to resign his position as Vice Provost for Minority Affairs in the Office of Academic Affairs, effective August 31, 1978. I am very pleased, as we all are, that Dr. Holloway will continue as Professor in the College of Education. I intuit that Dr. Kuhn would like to add a comment on this but before he does, I would simply like to take this opportunity to express publicly my appreciation to you, Dr. Holloway, for your fine service over the years. It's been a privilege to be associated with you. I have enjoyed our friendship. I certainly have the greatest respect for you. Although I am sorry that we will be losing you in an administrative role, we look to you for continued help, support, encouragement, and the kind of constructive criticism that you have brought to a very difficult assignment.

Dr. Kuhn:

I wrote Bill a letter this morning expressing to him my appreciation for his having been in my office for the past seven years. Bill preceded me in my office. He was the first Vice Provost for Minority Affairs. I said in part to Bill in my letter to him that I've learned a great deal from him about effective administration, about stamina in the face of stress, about caring for all people, about good humor, about wanting to do one's very best for the University. These are among a few things, Bill, that I prize about our association. Of course, we wish you well in education.

PERSONNEL ACTIONS (contd)

Mrs. James:

I would like to comment also. I have known Dr. Holloway since I first was appointed to this Board and I will personally miss him greatly. I think that one description of the service his office, the Office of Minority Affairs, provides through his leadership is tender, loving care. I think he, through his efforts and tireless energy, has been able to help provide educational opportunities for minority students who might never have had that opportunity. I am delighted that he is going to stay on campus; also, that he can impart his experience--wide ranges of experience--and knowledge to the students at this University. At least I'll get to see him occasionally. He won't be gone forever. I certainly wish him well. I am sure that other members of the Board do too.

Resignation

WILLIAM J. HOLLOWAY has indicated his intention to resign his position as Vice Provost for Minority Affairs, Office of Academic Affairs, effective August 31, 1978. He will continue as Professor in the College of Education.

Appointments

Name: WILLIAM R. NESTER
Title: Vice President for Student Services
Office: Student Services
Effective: August 21, 1978
Salary: \$45,000.00
Present Position: Associate Senior Vice President and Associate Provost for Academic Affairs, University of Cincinnati, Cincinnati, Ohio

Name: JAMES W. KRISTOFF
Title: Treasurer
Office: Business and Administration
Effective: July 1, 1978
Salary: \$39,000.00
Present Position: Vice President, The Standard Savings and Loan Company, Columbus, Ohio

Name: PATRICK R. DUGAN
Titles: Acting Dean, College of Biological Sciences, and Professor, Department of Microbiology
Effective: July 1, 1978
Salary: \$40,320.00 (12 months)
Present Position: Professor, Department of Microbiology

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: ELSIE J. ALBERTY
Titles: Professor and Chairman
Academic Faculty: Educational Foundations and Research
Effective: July 1, 1978
Salary: \$37,548.00 (12 months)
Present Position: Professor and Chairman, Academic Faculty of Curriculum and Foundations

Name: EUGENE R. CAPRIOTTI
Titles: Professor and Chairman
Department: Astronomy
Effective: October 1, 1978
Salary: \$30,000.00 (3 quarters)
Present Position: Professor, Department of Astronomy

Name: MARTIN D. KELLER
Titles: Professor and Chairman
Department: Preventive Medicine
Effective: July 1, 1978
Salary: \$43,680.00 (12 months)
Present Position: Professor and Acting Chairman, Department of Preventive Medicine

Name: J. ROBERT WARMBROD
Titles: Professor and Chairman, Department of Agricultural Education (90%), and Professor, Cooperative Extension Service (10%)
Effective: July 1, 1978
Salary: \$36,240.00 (12 months)
Present Position: Professor, Department of Agricultural Education

Name: G. ROBERT HOLSINGER
Titles: Associate Professor and Acting Director
School: Journalism
Effective: July 1, 1978
Salary: \$ 6,171.00 (Summer quarter)
\$23,760.00 (3 quarters)
Present Position: Associate Professor, School of Journalism

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: JOSEPH H. LYNCH
Titles: Associate Professor, Department of History (50%),
and Director, Center for Medieval and Renaissance
Studies (50%)
Effective: October 1, 1978
Salary: \$23,040.00 (3 quarters)
Present Position: Associate Professor, Department of History (100%)

Name: GISELA VITT
Titles: Associate Professor, Department of German (50%),
and Associate Professor and Chairman, Division of
Comparative Studies in the Humanities (50%)
Effective: October 1, 1978
Salary: \$23,520.00 (3 quarters)
Present Position: Associate Professor, Department of German (100%)

Name: HOWARD G. CRANE
Titles: Assistant Professor and Chairman
Department: History of Art
Effective: October 1, 1978
Salary: \$19,200.00 (3 quarters)
Present Position: Assistant Professor, Department of History of Art

Reappointment of Chairmen of Departments and/or Divisions and Directors of Schools

July 1, 1978 through June 30, 1982

Allied Medical Professions	Robert J. Atwell
Ceramic Engineering	William B. Shook
City and Regional Planning	Jerrold R. Voss
Dairy Science	Glen H. Schmidt
Horticulture	Howard A. Rollins, Jr.
Industrial and Systems Engineering	Albert B. Bishop
Pharmacology	Joseph R. Bianchine
Physiology	Heinz P. Pieper
Psychology	Samuel Osipow
Sensory Biophysics	H. Richard Blackwell
Sociology	Kent P. Schwirian

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairmen of Departments and/or Divisions and Directors of Schools
(contd)

July 1, 1978 through June 30, 1981

Agricultural Engineering	Gordon L. Nelson
Clinical Pharmacy and Professional Practice	Don C. McLeod
Pharmacology (Pharmacy)	Allan M. Burkman

July 1, 1978 through June 30, 1980

Finance	Andrew H. Chen
Medicinal Chemistry	Donald T. Witiak
Pharmaceutics and Pharmaceutical Chemistry	Louis Malspeis

July 1, 1978 through June 30, 1979

Administrative and Social Sciences	T. Donald Rucker
Aeronautical and Astronautical Engineering	Garvin L. Von Eschen
Medicine	James V. Warren
Pharmacognosy and Natural Products	Jack L. Beal
Statistics	Ransom Whitney
Welding Engineering	Roy B. McCauley

October 1, 1978 through September 30, 1982

Art Education	Kenneth Marantz
Public Administration	Clinton V. Oster

October 1, 1978 through September 30, 1979

Hebrew Languages and Literatures	Yehiel Hayon
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Leaves of Absence Without Salary

M. ROE SMITH, Associate Professor, Department of History, effective October 1, 1978 through September 30, 1979, to accept a postdoctoral fellowship at the Regional Economic History Research Center, Eleutherian Mills Library, Greenville, Delaware.

VALERIE ANNE CAIRES, Assistant Professor, Department of Classics, effective October 1, 1978 through September 30, 1979, to accept a Fulbright grant to carry out research in Greece.

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

RAFAEL F. CASTILLO, Assistant Professor, Department of Romance Languages and Literatures, effective October 1, 1978 through September 30, 1979, to return to Spain to comply with a residency requirement stipulated by the U. S. Immigration Service.

RICHARD EWING, Assistant Professor, Department of Mathematics, effective October 1, 1978 through September 30, 1979, to accept a Visiting Assistant Professorship in the Mathematics Research Center at the University of Wisconsin for the academic year 1978-79.

PENELOPE S. GRIFFING, Assistant Professor, Department of Family Relations and Human Development, effective July 1, 1978 through August 31, 1978, for personal reasons.

SHIRLEY JEAN SCHWARZ, Assistant Professor, Department of History of Art, effective April 1, 1978 through September 30, 1978, to continue research and writing of articles which are to be published by *Lexicon Iconographicum Classicae*.

ROYALL TYLER, Assistant Professor, Department of East Asian Languages and Literatures, effective October 1, 1978 through September 30, 1979, to accept a fellowship awarded by the Japan Foundation.

JAMES D. WILSON, Assistant Professor, Agricultural Technical Institute, effective July 1, 1978 through August 31, 1978, to pursue a program of professional improvement at Indiana University of Pennsylvania.

ALAN L. WOODS, Assistant Professor, Department of Theatre, effective October 1, 1978 through September 30, 1979, to accept a Visiting Professorship of Theatre and Drama at Indiana University.

KATSUHIKO MOMOI, Instructor, Department of East Asian Languages and Literatures, effective October 1, 1978 through September 30, 1979, for personal and educational reasons.

Professional Improvement Leaves

RICHARD M. WILSON, Professor, Department of Mathematics, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

ROBERT GOLD, Associate Professor, Department of Mathematics, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

RICHARD H. BOHNING, College of Biological Sciences, with the title Dean Emeritus, effective July 1, 1978.

ROBERT BARTELS, Academic Faculty of Marketing, with the title Professor Emeritus, effective July 1, 1978.

RALPH E. BENDER, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1978.

WILLIAM J. BRAKEL, Department of Dairy Science, with the title Professor Emeritus, effective July 1, 1978.

JULIA I. DALRYMPLE, Department of Home Economics Education, with the title Professor Emeritus, effective July 1, 1978.

ANDREAS DORPALEN, Department of History, with the title Professor Emeritus, effective July 1, 1978.

IRMA EGLITIS, Department of Anatomy, with the title Professor Emeritus, effective July 1, 1978.

GEORGE E. HARDESTY, School of Music, with the title Professor Emeritus, effective July 1, 1978.

LEWIS A. HESS, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective July 1, 1978.

NICHOLAS HOLOWAYCHUK, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1978.

RICHARD H. HOPPIN, School of Music, with the title Professor Emeritus, effective September 1, 1978.

ROBERT D. KING, Department of Art, with the title Professor Emeritus, effective July 1, 1978.

PAUL R. KLOHR, Academic Faculty of Curriculum and Foundations, with the title Professor Emeritus, effective July 1, 1978.

MELVIN S. NEWMAN, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1978.

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

WILLIAM PETERSEN, Department of Sociology, with the title Professor Emeritus, effective September 1, 1978.

JAMES I. WATTERS, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1978.

WILLIAM A WAYT, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective May 1, 1978.

DONALD G. WOOD, Department of Industrial Design, with the title Professor Emeritus, effective July 1, 1978.

VELMA V. EVERHART, Department of Home Management and Housing, with the title Associate Professor Emeritus, effective July 1, 1978.

JEANNE E. ORR, Academic Faculty of Early and Middle Childhood Education, with the title Associate Professor Emeritus, effective July 1, 1978.

RALPH E. ANGELO, Department of Romance Languages and Literatures, with the title Assistant Professor Emeritus, effective September 1, 1978.

GLENN H. GOODMAN, Department of German, with the title Assistant Professor Emeritus, effective July 1, 1978.

ELIZABETH M. MOTE, Department of Microbiology, with the title Assistant Professor Emeritus, effective July 1, 1978.

JOHN HUNTER WILSON, Department of Agronomy, with the title Instructor Emeritus, effective July 1, 1978.

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

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ELECTION OF TREASURER

Resolution No. 78-135

WHEREAS Rule 3335-1-02, Paragraph (B) of the Administrative Code, provides for replacement of Board officers through election; and

June 8, 1978 meeting, Board of Trustees

ELECTION OF TREASURER (contd)

WHEREAS Mr. James W. Kristoff has been appointed Treasurer of the University, effective July 1, 1978;

NOW THEREFORE

BE IT RESOLVED, That Mr. James W. Kristoff be elected Treasurer of this Board.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 78-136

Synopsis: The report on contracts, grants and gifts and the summary for April is 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 report from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of April, 1978, be approved.

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

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1978

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 17,000.00
The Ohio State University Research Foundation	53	3,009,010.57
The Engineering Experiment Station	2	30,000.00
		\$3,056,010.57
The Ohio State University Development Fund	4,403 Donors	\$ 689,400.45
Establishment of Endowed Chair		
The S. Robert Davis Chair of Medicine (College of Medicine)		\$ 920,000.00
Establishment of Named Funds		
The John Milton Costello Memorial Scholarship Fund (Undergraduate students from Sandusky, Ohio)		\$ 147,500.00

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1978 (contd)

Establishment of Named Funds (contd)

The Lee D. Moody Scholarship Fund (Department of Civil Engineering)	\$30,288.03
The Bertha T. Johnson Fund for Education in Epilepsy (Department of Pediatrics)	15,000.00
Dai Ho Chun Graduate Fellowship Fund (Graduate Fellowship - College of Education)	7,672.00
Geraldine Kennedy Groscost Memorial Fund (College of Medicine)	250.00

June 8, 1978 meeting, Board of Trustees

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Industrial and Other Contract/Grant

\$17,000.00 - Northwestern University, Committee on Institutional Cooperation, Evanston, Illinois, CIC+ Midwest Program for Minorities in Engineering, College of Engineering (M. L. Smith), September 1, 1977 through August 31, 1978. (Grant No. 77-4-2)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$352,331.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *in vivo* Bioassay for Environmental Agents Producing DNA Damage, Departments of Radiology (R. W. Hart), Pharmacology (D. T. Witiak), and Veterinary Pathobiology (A. Koestner), 26 September 1977 through 25 December 1978. (Project 760840 - Continuation)

\$182,470.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association with Nasopharyngeal Carcinoma, Department of Medical Microbiology (R. Glaser), 29 March 1978 through 31 March 1981. (Project 711090 - New)

\$122,113.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine (H. G. Cramblett), 1 April 1978 through 31 March 1979. (Project 711084 - New)

\$110,391.00 - 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), 1 May 1978 through 30 April 1979. (Project 711107 - Continuation)

\$98,558.00 - Department of Energy, Albuquerque, New Mexico, Salt-Gradient Solar Pond Development, Department of Physics (C. E. Nielsen), 1 April 1978 through 30 April 1979. (Project 710793 - Continuation)

\$91,529.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Carcinogenic, Mutagenic and Cytotoxic Mechanism (DMBA), College of Pharmacy (D. T. Witiak), 1 April 1978 through 31 March 1979. (Project 711091 - Continuation)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$86,503.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School (J. B. LaPidus), 1 April 1978 through 31 March 1979. (Project 711093 - Continuation)

\$84,375.00 - Department of Health, Education and Welfare, 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 1978 through 30 April 1979. (Project 711104 - Continuation)

\$73,841.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Expression of Epstein-Barr Virus in Hybrid Cells, Department of Medical Microbiology (R. Glaser), 1 April 1978 through 31 March 1979. (Project 711083 - New)

\$68,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, A Synergistic Investigation of the Infrared Water Vapor Continuum, ElectroScience Laboratory, Department of Electrical Engineering (R. K. Long and R. J. Nordstrom), 1 April 1978 through 31 March 1979. (Project 784701 - Continuation)

\$65,291.00 - 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 June 1978 through 31 March 1979. (Project 784115 - Continuation)

\$54,851.00 - Department of Health, Education and Welfare, 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 1978 through 31 March 1979. (Project 711087 - Continuation)

\$54,504.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb), 1 April 1978 through 31 March 1979. (Project 711081 - Continuation)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$54,328.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Study the External Gravity Potential of the Earth and Geodetic Parameters Affected by Gravity, Department of Geodetic Science (U. A. Uotila and R. H. Rapp), 1 April 1978 through 30 September 1978. (Project 764214 - Continuation)

\$54,221.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Mechanisms of Lymphoid Cell Differentiation, Department of Anatomy (R. L. St. Pierre), 1 May 1978 through 30 April 1979. (Project 711106 - Continuation)

\$51,767.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Regulation of Lipogenesis by Polyunsaturated Fats, Department of Food Science and Nutrition (S. D. Clarke), 1 April 1978 through 31 March 1979. (Project 711085 - New)

\$49,870.00 - Department of the Navy, Naval Weapons Center, China Lake, California, A Study of Airborne Effects on Antenna Pattern Performance, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 17 April 1978 through 16 April 1979. (Project 711095 - New)

\$49,700.00 - National Science Foundation, Washington, D. C., Chemical and Structural Relationships Among the Intermediate Boron Hydrides: Applications to Metal Cluster and Mixed Boron Metal Cluster Systems, Department of Chemistry (S. G. Shore), 1 September 1978 through 31 August 1979. (Project 784509 - Continuation)

\$42,513.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Plasmalogenase and White Matter Injury, Department of Physiological Chemistry (L. A. Horrocks), 1 April 1978 through 31 March 1979. (Project 711078 - New)

\$41,257.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 April 1978 through 31 March 1979. (Project 711057 - Continuation)

\$40,572.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nucleotidyl and Phosphotransferase Stereochemistry, Department of Chemistry (P. A. Frey), 1 April 1978 through 31 March 1979. (Project 711082 - New)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$38,088.00 - Department of Agriculture, Soil Conservation Service, Columbus, Ohio, funding jointly with Ohio Department of Natural Resources, Division of Water, Columbus, Ohio, A Biological Evaluation of Stream Improvement and Structures in the Chippewa Creek Watershed Protection and Flood Prevention Project, Department of Zoology (B. Griswold and R. Carline), 24 April 1978 through 23 April 1981. (Project 711102 - New)

\$34,297.00 - Department of Health, Education and Welfare, 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 1978 through 31 March 1979. (Project 711086 - Continuation)

\$32,473.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (C. R. Smith), 1 April 1978 through 31 March 1979. (Project 711099 - Continuation)

\$30,000.00 - National Science Foundation, Washington, D. C., Geochronology and Strontium Isotope Geochemistry of Possible Columbia River Basalt Equivalents, Western Cascades, Oregon, Department of Geology and Mineralogy (J. F. Sutter), 15 February 1978 through 28 February 1979. (Project 711039 - New)

\$22,462.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development in Science Project, Department of Physics (W. R. Riley), 10 April 1978 through 30 September 1979. (Project 711101 - New)

\$21,995.00 - National Science Foundation, Washington, D. C., Geochemistry and Byrd-Darwin Glacier Area, Transantarctic Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 April 1978 through 31 March 1979. (Project 711094 - New)

\$21,787.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1978 through 30 June 1979. (Project 784734 - Continuation)

\$20,222.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1978 through 31 March 1979. (Project 711089 - New)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,073.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pituitary-Adrenergic-Ovarian Vasomotor Interaction, Department of Physiology (K. M. Hanson), 1 April 1978 through 31 March 1979. (Project 711088 - Continuation)

\$20,022.00 - National Science Foundation, Washington, D. C., Coronary Artery Fluid Mechanics and Arterial Disease, Department of Aeronautical and Astronautical Engineering (R. M. Nerem), 1 April 1978 through 31 March 1979. (Project 711080 - New)

\$7,428.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., An Empirical Study of Failure to Appear Rates Among Accused Offenders: Construction and Validation of a Prediction Scale, School of Public Administration (H. E. Allen and C. W. Eskridge), 1 April 1978 through 30 September 1978. (Project 711073 - New)

\$6,984.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Shock Probation in Ohio: A Comparison of Attributes and Outcome, School of Public Administration (H. E. Allen and G. F. Vito), 29 March 1978 through 28 March 1979. (Project 711074 - New)

\$6,380.00 - Department of State, Agency for International Development, Washington, D. C., Human Services Program Development and Implementation: An AID (Agency for International Development) Orientation, College of Social Work (R. M. Ryan), 3 October 1977 through 17 February 1978. (Project 711067 - New)

\$5,070.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., An Economic Analysis of Criminal Courts, Department of Economics (B. M. Fleischer and P. J. Koënicg), 5 April 1978 through 4 April 1979. (Project 711100 - New)

\$4,979.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Career Education, The Center for Vocational Education (R. E. Taylor), 14 September 1977 through 13 September 1978. (Project 710777 - Continuation)

\$3,565.00 - National Endowment for the Humanities, Washington, D. C., Consultant for Curricular Development in Comparative Studies in the Humanities, Division of Comparative Studies in the Humanities (S. Van Den Berg), 1 January 1978 through 31 May 1978. (Project 711065 - New)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$1,000.00 - State of Ohio, Program in the Humanities, Columbus, Ohio, Development of a Script for the Proposed Film of Sinnett House in Granville, Department of Psychology - Newark Campus (R. Scott), 7 March 1978 through 31 May 1978. (Project 711075 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$140,784.16

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

\$694,650.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (R. W. Staehle), 1 January 1978 through 31 December 1978. (Project 710928 - New)

\$14,615.00 - University of Illinois, Urbana, Illinois, Induced Migration and Labor Force Impacts of Energy Facility Development in the Ohio River Basin Energy Study (ORBES) Region, Department of City and Regional Planning (B. Von Rabenau), 1 April 1978 through 31 August 1978. (Project 711103 - New)

\$10,891.41 - American Board of Internal Medicine, Philadelphia, Pennsylvania, American Board of Internal Medicine - Model for Evaluation and Recertification through Individualized Testing (MERIT) - Phase III, College of Medicine - Administration (R. E. Pengov), 1 April 1978 through 30 June 1978. (Project 710591 - Continuation)

\$9,500.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 13 March 1978 through 31 October 1978. (Project 784638 - Continuation)

\$7,500.00 - New Mexico State University, Las Cruces, New Mexico, Background RCS of Target Support for RATSCAT Ground Plane Range, ElectroScience Laboratory, Department of Electrical Engineering (R. C. Rudduck), 16 December 1977 through 30 June 1978. (Project 784698 - Continuation)

\$3,360.00 - Ohio Education Association, Columbus, Ohio, Professional Development Workshop for 1978, College of Education (D. P. Anderson), 1 January 1978 through 31 August 1978. (Project 711014 - Continuation)

\$2,400.00 - Central Ohio Area Agency on Aging, Columbus, Ohio, Program Administration and Development: A Proposed Course of Study, College of Social Work (R. O. Washington), 1 October 1977 through 30 September 1978. (Project 711068 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$742,916.41

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research

\$20,000.00 - Picker Corporation, Highland Heights, Ohio, for Development of a Germanium Gamma Ray Camera System for Nuclear Medicine, Department of Mechanical Engineering (Nuclear Engineering), April 15, 1978 through May 31, 1978. (EES 534, Extension No. 2)

\$10,000.00 - Aramco Service Company, Houston, Texas, for Determination of Preheat Conditions for Welding High-Strength Low Alloy Pipe Materials, Department of Welding Engineering, April 11, 1978 through April 10, 1979. (EES 580)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$39,649.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$35,000.00 - International Business Machines Corporation, Armonk, New York: \$10,000.00 for the Affirmative Action Program in Engineering; \$5,000.00 for the Minority Assistance Program in the College of Administrative Science; and \$20,000.00 for the IBM-MBA-MIS Fund.

\$14,765.99 - Systems Associates, Columbus, Ohio: \$8,437.81 for the Department of Medicine General Fund and \$6,328.18 for the Cardiology Support Fund.

\$14,600.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$13,477.22 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$13,000.00 - Grange Mutual Casualty Company, Columbus, Ohio, for the WOSU Support Fund.

\$10,000.00 - Columbus Bituminous Concrete Corporation, Columbus, Ohio (given in the name of Ralph W. Anderson), for the Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Eli Lilly and Company, Indianapolis, Indiana: \$7,500.00 for the Eli Lilly and Company Organic Chemistry Research Fund and \$2,500.00 for the Hoffmann-LaRoche, Inc., Research Fund.

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$10,000.00 - Mid-Ohio Automotive, Inc., Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Sidney L. Pressey, Columbus, Ohio, for the University Honors Fund.

\$7,547.36 - Frederick H. Davidorf, M.D., Inc., Columbus, Ohio (given in the name of Frederick H. Davidorf): \$4,113.87 for the Retina Research Fund; \$2,148.49 for the Ophthalmology Photography Fund; and \$1,285.00 for the Ophthalmology Art Work Rotary.

\$7,282.37 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,245.61 - Melvin E. Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$6,081.00 - Sisa Incorporated, Cambridge, Massachusetts, for the Clinical Pharmacology Fund.

\$5,043.20 - Richard H. Keates, M.D., Inc., Columbus, Ohio (given in the name of Richard H. Keates), for the Eye Bank Fund.

\$5,000.00 - Elizabeth M. Boutselis (Mrs.), Columbus, Ohio, for the EPR-OBS Fund.

\$5,000.00 - Carol K. Cornell (Mrs.), Westerville, Ohio, for the Merriss Cornell Memorial Fund - College of Social Work.

\$5,000.00 - Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.

Establishment of Named Funds

The John Milton Costello Memorial Scholarship Fund

The John Milton Costello Memorial Scholarship Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from John Milton Costello, B.A. '16, of Cleveland Heights, 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 The Ohio State University, with the right to invest and reinvest as occasion dictates.

June 8, 1978 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 Milton Costello Memorial Scholarship Fund (contd)

The annual income is to be used to provide scholarships for students of average ability who have need for financial assistance. Mr. Costello's bequest read as follows: "Not the brightest student nor the most underprivileged - just an average student." The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students from Sandusky, 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 scholarships.

The Lee D. Moody Scholarship Fund

The Lee D. Moody Scholarship Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Lee D. Moody, B.S.C.E. '32, of Springfield, 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 and interest free loans for graduate and undergraduate students in the Department of Civil Engineering. The selection of the recipient is to be made by the Chairman of the Department of Civil Engineering. Loan repayments will be as directed by the Department Chairman and the Student Financial Aids Office and such monies will be added to the fund's annual income.

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 civil engineering education.

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

Establishment of Named Funds (contd)

The Bertha T. Johnson Fund for Education in Epilepsy

The Bertha T. Johnson Fund for Education in Epilepsy was established June 8, 1978, by the Board of Trustees of The Ohio State University with a grant to The Ohio State University Development Fund from the Bertha T. Johnson Charitable Trust.

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

The annual income is to be used to fund a one or two day program featuring prominent professionals in the field of epilepsy education. If sufficient funds are made available, a monograph of the symposium will be printed. Requisitions to underwrite the cost of the program will be initiated by the Chairman of the Department of Pediatrics and approved by the Dean of the College of Medicine.

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 being given to recommendations from the Chairman of the Department of Pediatrics with the approval of the Dean of the College of Medicine.

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.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 students who have demonstrated qualities of leadership and/or need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Education. Preference is to be given to students specializing in curriculum.

Should the need for these graduate 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 curriculum education.

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Geraldine Kennedy Groscost Memorial Fund

The Geraldine Kennedy Groscost Memorial Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Arthur G. Groscost, B.A. '36 and M.D. '39, Sandusky, Ohio, in memory of his wife, Geraldine Kennedy Groscost.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations 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 \$5,000. At that time, the income is to be used to support a College of Medicine scholarship. Selection of the recipient(s) along with the approval of the expenditures from this fund is to be made by the Dean of the College of Medicine in conjunction with the Director of Financial Aids. The scholarship is to be awarded on the basis of academic performance and need. First preference will be given to students entering their first year of medical training. If there are no candidates meeting the aforementioned criteria, or if an upperclass medical student has demonstrated outstanding scholarship and need, then the scholarship may be awarded at the discretion of the Dean of the College of Medicine in conjunction with the Director of 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 scholarships.

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PLANS AND SPECIFICATIONS

Resolution No. 78-137

Synopsis: Plans and specifications have been completed for six projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following projects are presented for approval:

June 8, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

GAS LINE REPLACEMENT

Project: Remove and replace deteriorated gas lines; North Oval tunnel, through 17th Avenue and North Neil Avenue tunnels, South Oval tunnel, South Neil Avenue tunnel, 12th Avenue tunnel and 11th Avenue tunnel. New installation will increase operating pressure.

Funding: H.B. 618 (Utilities and Renovation - 1977-79 Biennium)

Estimated Project Cost: \$155,000.00

WEST CAMPUS - PARKING LOT REPAIR AND RESURFACING

Project: Repair and surface treat existing parking lot South of Carmack Road due to deterioration. This parking lot has existed since the first building was constructed on the West Campus with no repairs until this project was initiated.

Funding: Budget Account 885071 (Parking Revenues)

Estimated Project Cost: \$135,500.00

BARNEBEY CENTER IMPROVEMENTS

Project: Improvements will correct deficiencies and deteriorated condition of the facility.

Funding: H.B. 810, Item 315-074 (Utilities and Renovation, 1977-79 Biennium Reappropriation)

Estimated Project Cost: \$100,000.00

RESEARCH CENTER ROOF REPAIRS (PHASE III)

Project: This work is a continuation of the project to repair the roof on the Research Center at 1314 Kinnear Road. The roof was badly deteriorated due to age; Phase II of this work was completed in November of 1976.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$95,700.00

June 8, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

CUNZ HALL WINDOW IMPROVEMENTS

Project: Replacements of windows on second, third and fourth floors with aluminum framed windows, each having operating sash which will assist our continuing energy conservation program by allowing occupants, on weekends, to have operational windows, without the use of the building ventilation system.

Funding: H.B. 618 (Utilities and Renovation - 1977-79 Biennium)

Estimated Project Cost: \$50,000.00

WATTS HALL, VENTILATION MODIFICATIONS

Project: Improve ventilation on the fourth floor of Watts Hall. The selection of equipment will continue the energy conservation program requirements at the University.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$30,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

Upon motion of Mr. Smith, 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 FUND**

Resolution No. 78-138

Synopsis: Contracts have been awarded for one project to the lowest and best bidders in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for the following project:

June 8, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

OHIO STADIUM REPAIRS 1978

Description: Continuation of the repairs to "C" deck, Sections 15, 17, 19, 21, 23, 25 and 27 of the Ohio Stadium. The most severely deteriorated sections of "C" deck were repaired in 1975 and 1977. The work on this project will continue the work necessary to prevent further deterioration of these areas.

General Contract

Date Received:	May 10, 1978
No. of Bids:	2
Low Bid:	\$200,437.00*
High Bid:	\$313,840.00*
Estimate of Cost:	\$277,595.00*
Awarded to:	Raymond E. Kelley, Inc. (Bowmansville, New York)

Plumbing Contract

Date Received:	May 10, 1978
No. of Bids:	3
Low Bid:	\$ 6,550.00*
High Bid:	\$ 8,540.00*
Estimate of Cost:	\$ 19,000.00*
Awarded to:	Farber Corporation (Columbus, Ohio)

Total All Contracts:	\$206,987.00
Total Contingency Allowance:	\$ 12,419.22 which is 6 per cent of construction costs
Total Project Cost:	\$270,000.00
Funding:	Budget Account 316550 (Athletic Revenue)

*Recommended Alternates reflected in these figures,

June 8, 1978 meeting, Board of Trustees

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

OHIO STADIUM REPAIRS 1978 (contd)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency fund and expenditures of project funds are hereby reported.

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

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TREASURER'S BOND

Resolution No. 78-139

Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.

WHEREAS pursuant to Section 3335.05 of the Ohio Revised Code, it is required that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines:

NOW THEREFORE

BE IT RESOLVED, That the bond of James W. Kristoff, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$500,000.

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

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LEASE OF LAND, BUILDINGS AND APPURTENANCES - WOOSTER TOWNSHIP

Resolution No. 78-140

Synopsis: Lease agreement proposed between the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center for 8.13 acres of land.

June 8, 1978 meeting, Board of Trustees

LEASE OF LAND, BUILDINGS AND APPURTENANCES - WOOSTER TOWNSHIP (contd)

WHEREAS Section 903.011, Ohio Revised Code, provided that the Board of Trustees of The Ohio State University may enter into a lease with the Board of Control of the Ohio Agricultural Research and Development Center authorizing said Board of Trustees of The Ohio State University the use of lands for the operation of the Agricultural Technical Institute and related facilities; and

WHEREAS the Center has custody and control of certain lands, buildings and appurtenances owned by the State of Ohio and located in Wooster Township, Wayne County, Ohio; and

WHEREAS it is the desire of the parties that the University have the use of these lands, buildings and appurtenances for the operation of an Agricultural Technical Institute and related facilities, specifically a dairy teaching facility; and

WHEREAS the parties propose utilization of the land, buildings and appurtenances in accordance with the provisions of Section 903.011, Ohio Revised Code:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to act on behalf of the University to enter into a lease agreement between the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center to provide for the lease of 8.13 acres of land, more or less, buildings and appurtenances, for the operation of the Agricultural Technical Institute and related facilities located in Wooster Township, Wayne County, Ohio.

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

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**LEASE OF LAND AND EASEMENT
ACKERMAN ROAD AND OLENTANGY RIVER ROAD**

Resolution No. 78-141

Synopsis: Lease of land and easement at Ackerman Road and Olentangy River Road requested by City of Columbus.

WHEREAS the State of Ohio, The Ohio State University, has title to the following property: a portion of Quarter Section 3, Township 1, Range 18, United States Military Lands, described in a deed to the State of Ohio, deed book 966, page 339, Franklin County records, located at the northwest corner of Olentangy River Road and Ackerman Road, Columbus, Franklin County, Ohio; and

LEASE

This lease, made this day of by and between the Board of Control of the Ohio Agricultural Research and Development Center, as the Grantor (hereinafter referred to as "The Center"), and the Board of Trustees of The Ohio State University, as the Grantee (hereinafter referred to as "The University"), pursuant to the provisions of Section 903.011, Ohio Revised Code.

WITNESSETH:

WHEREAS, The Center has custody and control of certain lands, buildings and appurtenances owned by the State of Ohio and located in Wooster Township, Wayne County, Ohio; and,

WHEREAS, it is the desire of the parties hereto that The University have the use of these lands, buildings and appurtenances for the construction and operation of an Agricultural Technical Institute and related facilities, specifically a dairy teaching facility; and,

WHEREAS, the parties propose utilization of the land, buildings and appurtenances in accordance with the provisions of Section 903.011, Ohio Revised Code.

NOW, THEREFORE, in consideration of the benefits to accrue to The University and to The Center, and to the State of Ohio, and pursuant to the authority vested in it pursuant to Section 903.011, Ohio Revised Code. The Center hereby lets, leases, grants and delivers to The University the use of the land, buildings and appurtenances described as follows:

LEGAL LAND DESCRIPTION:

Known as being a part of the southwest quarter of Section 14 in Wooster Township, T-15N, R-13W in Wayne County, Ohio and more fully described as follows;

Commencing at the southwest corner of the southwest quarter of Section 14;

THENCE N 89° - 40' - 33" E along the section line 1178.87 feet to the centerline of U. S. Route 250;

THENCE along the centerline curve of U. S. Route 250 20.14 feet to a point being P.T. Sta. 40 + 97.62;

THENCE N 25° - 06' - 24" E 67.78 to a point on the LA right of way line.

THENCE N 64° - 38' - 12" W along the LA right of way line 101.41 feet to an iron rod;

THENCE N 69° - 49' - 36" W along the LA right of way line 177.28 to an iron pipe, the PLACE OF BEGINNING:

THENCE N 14° - 19' - 24" E 289.20 feet to an iron pipe;

LEASE (contd)

LEGAL LAND DESCRIPTION (contd):

THENCE N 72⁰ - 47' - 36" W 167.39 feet to an iron pipe;

THENCE N 2⁰ - 41' - 20" W 605.20 feet to an iron pipe;

THENCE S 89⁰ - 08' - 56" W 474.12 feet to an iron pipe on the LA right of way line for WAY 83/250 - 7.15/13.66;

THENCE S 14⁰ - 26' - 04" E along the LA right of way line 687.14 feet to an iron rod;

THENCE S 43⁰ - 15' - 42" E along the LA right of way line 178.89 feet to an iron rod;

THENCE S 64⁰ - 06' - 58" E along the LA right of way line 301.50 feet to an iron rod;

THENCE S 69⁰ - 49' - 36" E along the LA right of way line 25.00 feet to the PLACE OF BEGINNING and containing 8.133 acres.

BUILDINGS

(1) Dairy barn and attached sheds listed in Ohio Capital Inventory Volume 14 Page 47 Building Number 2.018 and located on above described land. For the duration of this lease, all costs and responsibility for maintenance of this building shall be the responsibility of The Ohio State University. The University shall have the right to remodel, add to or change this building to meet the requirements of the teaching program, with the provision that proposed building changes be approved by the Director of The Center prior to effecting the change.

(2) Silo - Harvestore 14 x 50 located on above described land adjacent to above dairy barn. The University shall have the use of this silo for the duration of this lease - all maintenance or other costs necessary for use of this silo will be the responsibility of The University.

The University shall pay to The Center \$7,500.00 for the use of this silo; payment to be a lump sum; one time charge to reimburse The Center for replacement of the silo at another location.

(3) Dairy Residence - Duplex, Ohio Capital Inventory Volume 14, Page 92 BLDG. No. 6.015 Unit 13 Apartment B - The Ohio State University hereby leases Apartment 13B of this unit for housing a Dairy Herdsman. The University agrees to pay to The Center a mutually agreed upon monthly charge for the use of this apartment. The University employee living in the facility will be responsible for all utility charges for Apartment B. The Center will be responsible for all maintenance of this Unit.

LEASE (contd)

APPURTENANCES:

(1) Water Well - The existing water well provides water for the Dairy Barn, Dairy Residence, Maternity Barn, Pole Building and adjacent O.A.R.D.C. pastures. The University under this lease agreement will pay for electric charges to operate the pump to serve the above uses. The Center will pay all maintenance and replacement costs on the well, pump, and pressure tank. Water line maintenance and/or replacement will be the responsibility of the respective user of the service line.

(2) Fences, Gates, Etc. - All fences and gates existing on the land described herein shall become the property of The University. Additional fencing required and/or repair or replacement of fencing shall be the responsibility of The University.

It is understood between the parties that such land, buildings and appurtenances shall be used in accordance with the provisions of Section 903.011, Ohio Revised Code.

The term of this lease will be perpetual, or until such time as the General Assembly of the State of Ohio shall, by appropriate action, cause the effort undertaken by The University hereunder to be terminated.

Upon termination of this lease, the interest herein conveyed shall be disposed of pursuant to law then in effect.

IN WITNESS WHEREOF, the parties have executed this lease agreement on the day and year first above written.

Witnesses:

Board of Control of the Ohio Agricultural
Research and Development Center

By _____
Grantor

Witnesses:

Board of Trustees of The Ohio State
University

By _____
Grantee

STATE OF OHIO)
) ss
FRANKLIN COUNTY)

LEASE (contd)

BE IT REMEMBERED, that on this _____ day of _____, before me, the subscriber a Notary Public in and for said County, personally came the above-named Board of Control of the Ohio Agricultural Research and Development Center, by its _____, the Grantor in the foregoing Lease, and acknowledged the signing of the same to be the voluntary act and deed of said Board, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

STATE OF OHIO)
) ss:
FRANKLIN COUNTY)

BE IT REMEMBERED, that on this _____ day of _____, before me, the subscriber, a Notary Public in and for said County, personally came the above-named Board of Trustees of The Ohio State University, by _____ its _____, the Grantee in the foregoing Lease, and acknowledged the signing of the same to be the voluntary act and deed of the said Board of Trustees, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

LEASE (contd)

MEMORANDUM OF AGREEMENT

Addendum to Lease between Ohio Agricultural Research and Development Center and The Ohio State University Board of Trustees Covering 8.133 Acres in Wooster Township, Wayne County, Ohio.

In consideration of the lump sum payment of Seventy Five Hundred Dollars (\$7,500.00) by The Ohio State University for the Harvestore silo located on land covered by the referenced lease, the Ohio Agricultural Research and Development Center guarantees the use of the silo to The Ohio State University, Agricultural Technical Institute, for a period of not less than 15 years. If for any reason this lease is terminated prior to 15 years, OARDC will reimburse The Ohio State University by an amount directly proportionate to the number of years of use (\$500.00 per year) remaining in the guaranteed minimum of 15 years.

Board of Control of the Ohio Agricultural
Research and Development Center

By _____
Grantor

Board of Trustees of The Ohio State
University

By _____
Grantee

June 8, 1978 meeting, Board of Trustees

**LEASE OF LAND AND EASEMENT
ACKERMAN ROAD AND OLENTANGY RIVER ROAD (contd)**

WHEREAS the City of Columbus, Division of Water, wishes to lease a 60 foot x 62 foot portion of said land for an original term of two years with three options to renew, for the sole purpose of providing for the maintenance of a booster station; and

WHEREAS the Division of Water has requested a pipeline easement for 265 lineal feet of existing water mains located northwest of the above described land; and

WHEREAS it has been determined that the leasing of this plot of land for the maintenance of said booster station will not interfere with current or anticipated future use of adjacent University land; 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 Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for said lease and easement.

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

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REPORT - FISCAL AFFAIRS COMMITTEE

HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM

Resolution No. 78-142

Synopsis: Increased liability limits of \$4,000,000 per occurrence and \$6,000,000 annual aggregate is proposed.

WHEREAS the Board of Trustees on December 15, 1976 authorized the establishment of a \$2,000,000 reserve for funding 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, the liability limits of these policies to be carried forward in the self-insurance program; and

June 8, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM (contd)

WHEREAS based on the recommendations presented in an actuarial study made by The Wyatt Company, the Hospitals Self-Insurance and Indemnification Program Committee on December 6, 1977, unanimously recommended that effective December 15, 1977, the self-insured liability limits be increased from \$1,200,000 per occurrence and \$1,600,000 annual aggregate to \$4,000,000 per occurrence and \$6,000,000 annual aggregate; and

WHEREAS based upon these recommended limits, The Wyatt Company's actuarial study dated December 15, 1977, determined that an additional contribution of \$874,000 should be made to the fund:

NOW THEREFORE

BE IT RESOLVED, That the increased liability limits of \$4,000,000 per occurrence and \$6,000,000 annual aggregate, effective December 15, 1977, for the Hospitals Self-Insurance and Indemnification Fund be hereby affirmed, ratified and adopted, and that funding of the reserve be accomplished by transfer of \$874,000 to the Ohio National Bank as trustee of the program fund; and

BE IT FURTHER RESOLVED, That said coverage shall continue in effect until changed by further action of this Board.

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

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EMPLOYMENT OF BENEFITS CONSULTANT

Resolution No. 78-143

Synopsis: Hiring of William M. Mercer, Inc., Cleveland, Ohio, as consultant to review the current status of the University's benefits programs is proposed.

WHEREAS the Board of Trustees at the April 7, 1978 meeting authorized the employment of a benefits consultant to examine and to provide a comprehensive evaluation of the University's benefits programs; and

WHEREAS specifications for examining and evaluating the numerous and varied University programs were submitted to a number of benefits consulting firms for bid; and

WHEREAS proposals have been received from several consulting firms offering their services to this University for the desired analysis:

June 8, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

EMPLOYMENT OF BENEFITS CONSULTANT (contd)

NOW THEREFORE

BE IT RESOLVED, That on the basis of the proposals received it is hereby recommended that William M. Mercer, Inc., Cleveland, Ohio, be employed with the total cost not to exceed \$20,000 for the examination and evaluation of the University's benefits programs.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-144

RESOLVED, That the report on the University's Investment Portfolio dated May 31, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--0--

REPORT BY PRESIDENT HAROLD L. ENARSON

Commencements mark both an end and a beginning. The Ohio State University awarded its first academic degree in 1878--one hundred years ago. Tomorrow this University will graduate the second largest class in its history--5,454 degrees will be awarded. Shortly thereafter, these graduates will enter the 'world of work,' or graduate schools; and the University will begin a new academic year.

The 1977-78 academic year, just ending, has not been an uneventful one. We have seen changes, problems--some old and some new, and substantial progress in some areas that had been identified earlier as concerns. It might be useful then to reflect--if only briefly--on this past year, and to take note of where we have come and where we are.

Changes:

Many of the changes within an institution like ours seem barely perceptible over just a year's time. These are reflected in the attitudes of people--the 'mood' of the campus if you will. Students, in particular, really do defy accurate generalizations--though I would observe that our students today are at once as fun-loving and as hard-working as any generation of students with whom I have dealt. I have also observed a renewed civility, respect for differences and for one another, that has sometimes been lacking in the past.

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Changes: (contd)

Two weeks ago we commemorated Memorial Day with an ROTC review and ceremony on the Oval--an event which only a few years ago would have surely prompted a large-scale protest. At this event, however, the students who have chosen to serve their country in the armed forces received the respect they deserved--not, I am sure, because all students agree with our nation's defense policies, but rather because of a respect for the rights of those who do or who choose to serve in the military.

I hope, as President, that this sense of civility and mutual respect will continue to grow on this and other campuses.

Other changes are more visible. Physical changes: the construction work on Rhodes Hall continues; Larkins Hall is in full use and serving large numbers of students and faculty; the Mershon addition is now a visible promise; the Hayes Hall restoration has progressed; and new faculty offices are now in use in the Administration Building.

So too, faces have changed: this Board today has appointed one new Vice President, and only a few months ago had appointed another. During the past year you have appointed a new Dean for the College of Law and one for the College of Humanities. This marks the completion of the first full year of service for our Dean in the College of Pharmacy; and we hope soon to be bringing to you new candidates for the Deanships in Social and Behavioral Sciences and Biological Sciences.

Problems--New and Old:

Inflation. As you have seen from our budget presentation today, the University continues to wage a losing battle against inflation. While we have been somewhat successful in maintaining the purchasing power of faculty and staff salaries and in keeping increases in student fees below cost of living levels, this has been costly in other ways. The pinch has been felt most sharply in our equipment and operating budgets, and we simply must provide some relief there or expect serious consequences for our academic programs.

The University--like all of us as individuals--is hurt by rising utility rates, food prices, and a host of other cost increases. But the University is also a large-scale purchaser of special items--scientific equipment, books and periodicals. And the prices of these are increasing at a higher rate than prices generally in the economy--even as our resources fail to keep that pace.

The problem of severe inflation has been with us for several years now, and the eroding effect it has had on our resources is critical--and no solution appears in sight.

June 8, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Problems--New and Old: (contd)

NCAA Investigation. As is now a matter of common knowledge, our intercollegiate athletic program has been under an extensive investigation by the NCAA this past year--with particular reference to our football recruitment activities. This has been a time-consuming and expensive exercise, though not a useless one.

Our own staff's investigation did uncover a few relatively minor, technical violations of NCAA regulations. These were reported to the NCAA, and became the focus of their investigation. This investigation confirmed that these few violations had taken place, but failed to find any pattern of serious or willful violations on the part of our staff or representatives.

While we have committed a few errors in this regard (common errors among colleges and universities engaged in recruiting student-athletes), the NCAA staff and Committee on Infractions found that our staff had made a serious effort to comply with the rules, and had not hesitated to disclose our own errors to the NCAA when it was realized that violations had occurred.

We will move forward to correct our practices in those areas where we have erred, but are generally gratified by the work of our staff and remain confident of their integrity as well as their success.

Medical Practice Plan. The issue of a medical practice plan has been under review at this University since the mid 1950's. The practice plan adopted by this Board on March 3 is--to state the obvious--now the subject of litigation. To challenge the action of this Board and administration through litigation is the right of these faculty and, in the event the matter cannot be settled amicably, we must all stand prepared to fully litigate these issues and abide by the determination of the courts.

Affirmative Action. We have been in a process of reexamining our affirmative action efforts this past year--as a result of both the Report of the Commission on Women and Minorities and our negotiations with the Department of Health, Education and Welfare. The latter negotiations, you will recall, resulted in a Conciliation Agreement which we entered into last November in order to continue our eligibility as a recipient of federal contracts.

We have undertaken, in good faith, to seriously consider the recommendations of the Commission and to fulfill our obligations under the Conciliation Agreement. But neither of these will, in and of itself, bring about effective affirmative action. That remains the job of all of us, and will require our continued hard work and attention.

June 8, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Progress:

Faculty and Staff Salaries. While it is true that our faculty and staff salaries are barely keeping pace with inflation, we have found that our compensation levels are good in comparison with our sister institutions. In a recent study of faculty salaries at 20 universities, conducted by the Oregon Department of Higher Education, Ohio State ranked first for nine-month Assistant and Associate Professors, and fourth for full Professors. The institutions surveyed included nine of the Big Ten institutions and several other major research universities.

Research. You will recall that a short time back we had expressed serious concern about a decline in the amount of research support being attracted to our campus. I am pleased to report that some substantial progress has been made in turning that situation around.

A report from The Ohio State University Research Foundation (OSURF) for the first nine months of this fiscal year indicates that the research activity traditionally handled by that agency has increased by 60 per cent from that experienced during the same period a year ago. Particularly encouraging has been the amount of support from the Department of Energy (up 125.4%) and a number of other miscellaneous federal agencies (up nearly 700%).

There is a danger in reading both too much or too little in these statistics; but we believe they are a sign of significant progress and a cause for cautious optimism about our capacity to attract sponsored research support.

Fund Raising. Our increased efforts in fund raising from the private sector appear to be paying off. Sometime within the next 30 days, this University will receive its 100 millionth dollar in private gifts--some 35 million of these will have been received in just the past 3½ years.

This year will be another good year for the Development Fund. But our need for private dollars--especially to fund those chairs and professorships to attract truly outstanding scholars to OSU--is great.

This coming year we will begin several bold new thrusts in this area; and we are confident that the tangible support so many people have provided this University will again help us to reach our goals.

Enrollments. We are cautiously optimistic that the enrollment levels we set as goals for the 1978-79 academic year will be met. With respect to entering freshmen, we found again this year that the demand for places in our fall quarter classes remain very strong.

June 8, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Progress: (contd)

We are all aware that institutions of higher education nationally face a period of declining enrollments; indeed, this decline began at many institutions several years ago. OSU will not, of course, be immune from the demographic trends or the problems they will create. But we remain encouraged and deeply gratified by the confidence the people of Ohio express in this great University as so many of them select OSU as the place to receive their education or to provide their sons and daughters with that opportunity.

As our new alumni graduate to face an uncertain future, so too the University looks forward to both the problems and the opportunities that the new academic year will bring. We hope that--like our graduates--we are prepared for both.

I would simply conclude by expressing my dismay as President of this University at the pattern of school closings in this state. I would say, as somebody who has spent my working life in higher education, that this is a serious and tragic matter. I would also say that I grew up as a child of the depression. Even in the depression the American people invested in their young people; schools weren't closed. Some of us went through school on NYA and other kinds of assistance. And along with--I would guess--many members of this Board and many of the adults who voted against school levies the day before yesterday around the state, I never missed a day of classes because schools were closed. There is no doubt about it; this is bound to have a serious effect on the qualifications of our entering freshmen and their capacity to do college work. I hope you'll forgive me for stating the obvious, but sometimes we choose to ignore the obvious.

--o--

Thereupon the Board adjourned to meet Friday, July 21, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Patricia D. James
Acting Chairman

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